

EPSON®

EP-C7000 User's Guide

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EP-C7000 User's Guide

Welcome to the EP-C7000 *User's Guide*.

For a printable PDF copy of this guide, [click here](#).

Product Basics

See these sections to learn about the basic features of your product.

[Installing or Using Optional Parts](#)

[Product Parts Locations](#)

[Using the Control Panel](#)

[Power Off and Sleep Timers](#)

[Epson Connect Solutions for Smartphones, Tablets, and More](#)

[Using the Epson Smart Panel Mobile App](#)

[Using AirPrint](#)

[Setting Up Printing on a Chromebook](#)

[Android Printing Using the Epson Print Enabler](#)

[Using the Mopria Print Service](#)

[Voice-activated Printing](#)

Installing or Using Optional Parts

Follow the instructions in this section to install or use optional parts.

[Optional Accessories and Replacement Parts](#)

[Installing the Optional Cabinet](#)

[Installing the Optional Paper Cassette Units](#)

Parent topic: [Product Basics](#)

Optional Accessories and Replacement Parts

You can purchase genuine Epson ink, maintenance boxes, and paper at epson.com (U.S. sales) or epson.ca (Canadian sales). You can also purchase supplies from an Epson authorized reseller. To find the nearest one, call 800-GO-EPSON (800-463-7766) in the U.S. or 800-807-7766 in Canada.

Option or part	Part number
Replacement maintenance box	C12C938211
Optional paper cassette	C12C937901
Optional cabinet	C12C932891
Paper Feed Roller for Cassette A (C1)	C12C938261

Option or part	Part number
Paper Feed Roller for Cassette B (C2-C4)	C12C938281
Authentication Device Table-P2	C12C939531

Parent topic: [Installing or Using Optional Parts](#)

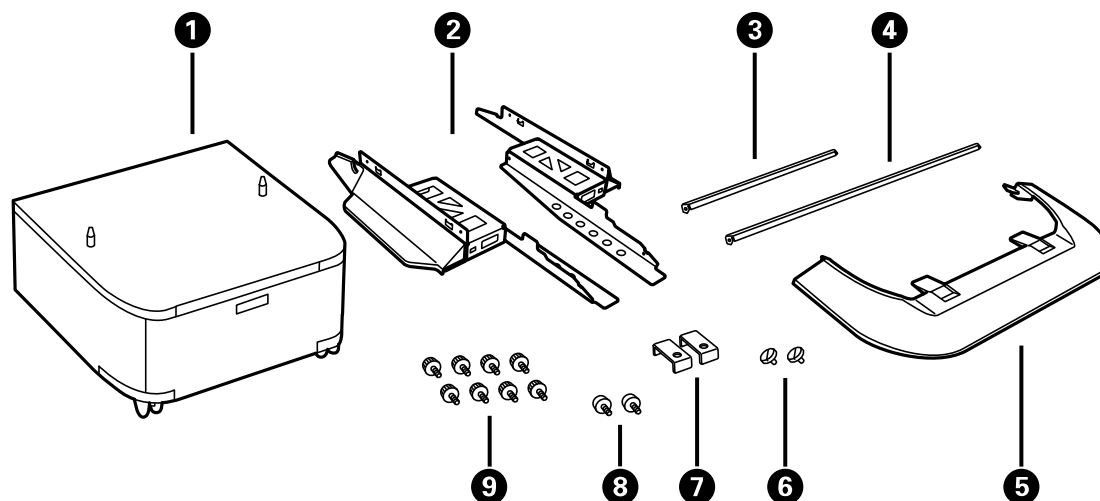
Installing the Optional Cabinet

You can install the optional cabinet to provide mobility and extra storage space.

1. Turn off the product, and unplug the power cord and any connected cables.

Warning: To avoid electric shock, make sure you unplug the power cord.

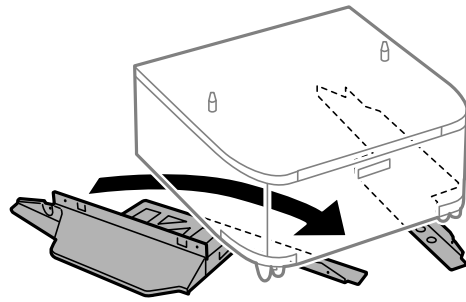
2. Remove the cabinet from its packaging and remove any protective materials.
3. Make sure you have all the items shown here:



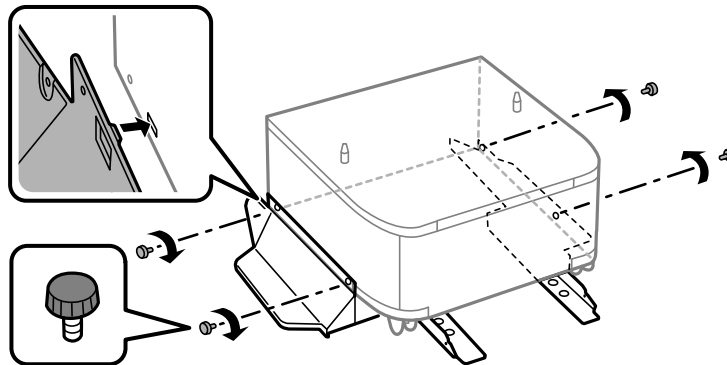
- 1 Optional cabinet
- 2 Side stands (×2)
- 3 Front reinforcing bar

- 4 Rear reinforcing bar
- 5 Front cover
- 6 Cabinet screws (×2)
- 7 Rear brackets (×2)
- 8 Bracket screws (x2)
- 9 Side stand and reinforcing bar screws (×8)

4. Place the stands between the cabinet's casters as shown.

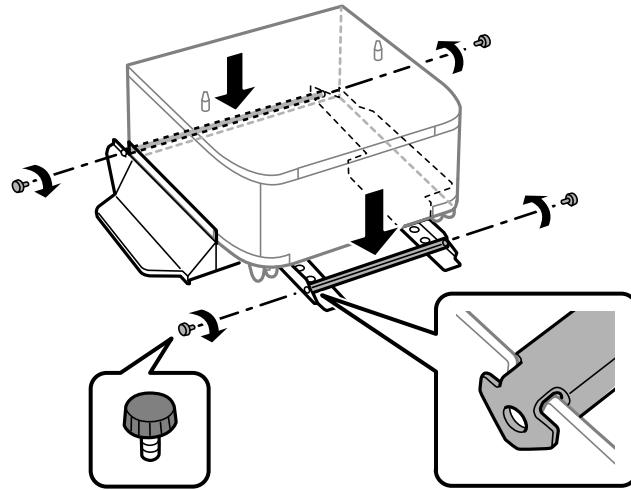


5. Secure the stands to the cabinet with the included screws.

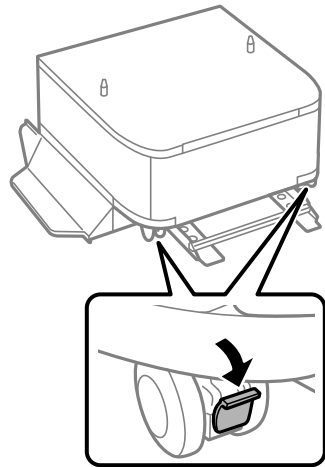


Caution: Make sure the stands are securely attached or the product may fall over.

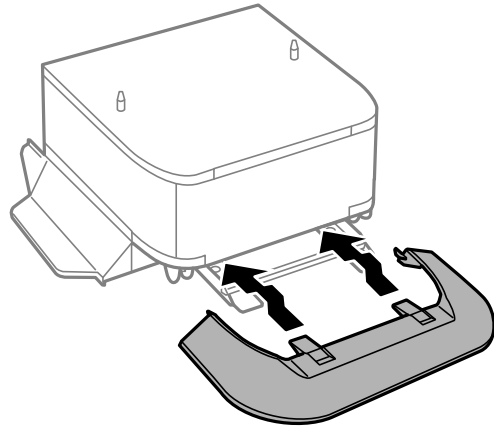
6. Attach and secure the reinforcing bars to the stands with the included screws.



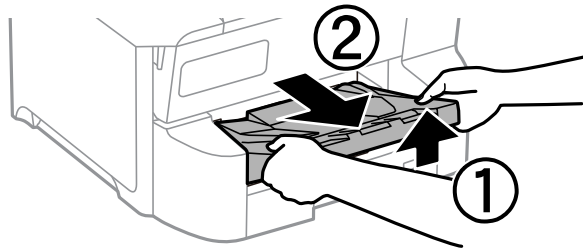
7. Place the cabinet on a flat surface and lock the front casters.



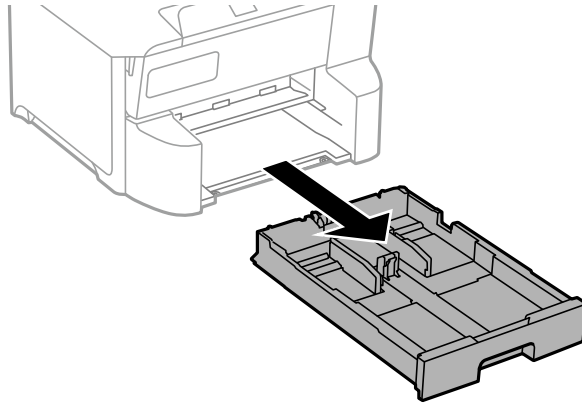
8. Attach the front cover to the stands.



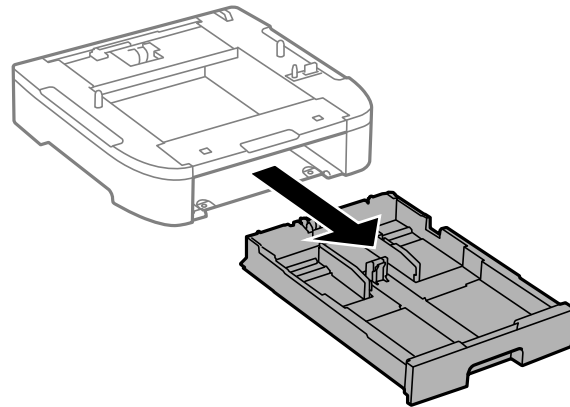
9. Remove the output tray from the product.



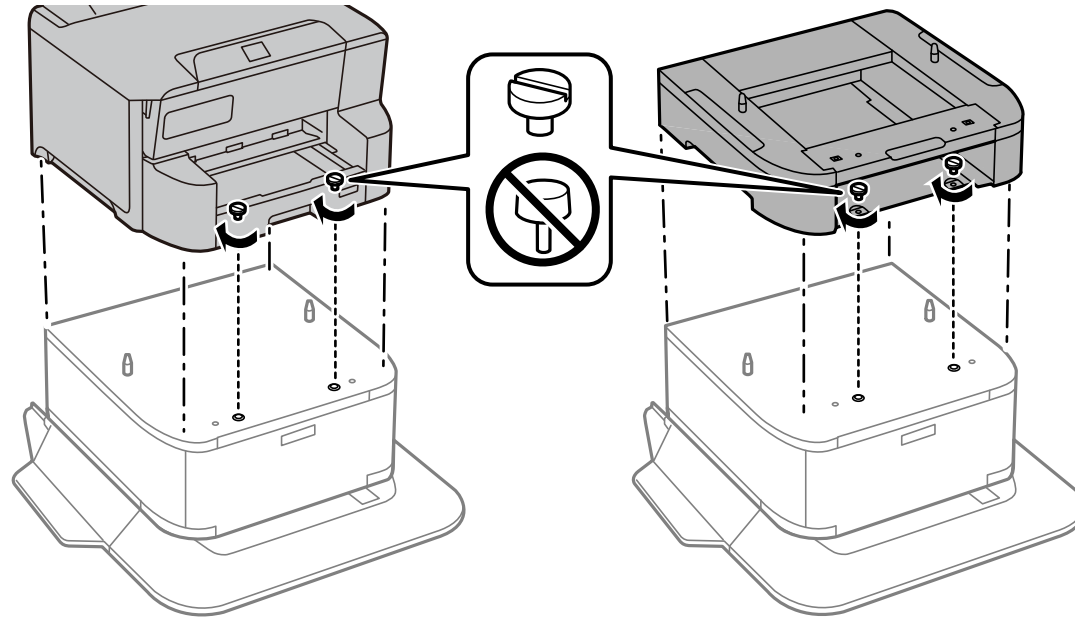
10. Remove the paper cassette from the product.



Note: If you are installing the optional cabinet under the optional paper cassette unit, remove the paper cassette from the optional cassette unit instead.

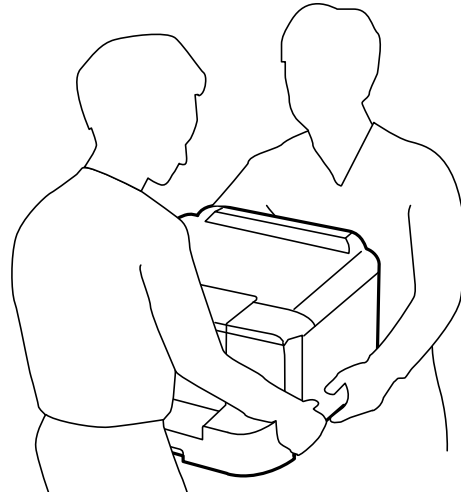


11. Lift up your product or optional cassette unit and gently lower it onto the cabinet with the corners aligned. Secure the product or optional cassette unit to the cabinet with the included screws using a screwdriver.

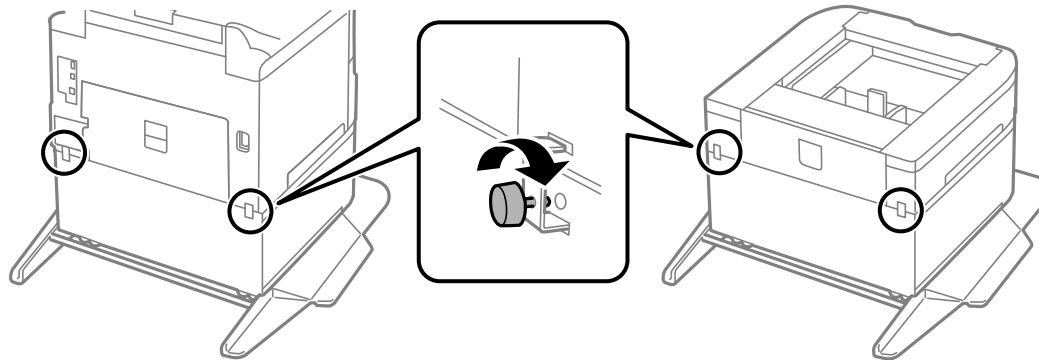


Note: Screws may be left over after installation.

Warning: To lift the product, have two or more people hold it as shown here. Lifting from other areas may cause the product to fall or cause you to pinch your fingers when placing the product down.



12. Secure the back of the product or paper cassette unit to the cabinet using the included brackets and screws.



13. Insert the paper cassette you removed and attach the output tray.
14. Connect the power cord and other connection cables, then plug in the product.

Parent topic: [Installing or Using Optional Parts](#)

Installing the Optional Paper Cassette Units

You can install up to three optional paper cassette units to provide more paper capacity. If you are using the optional cabinet, install the cabinet under the bottom optional cassette unit first.

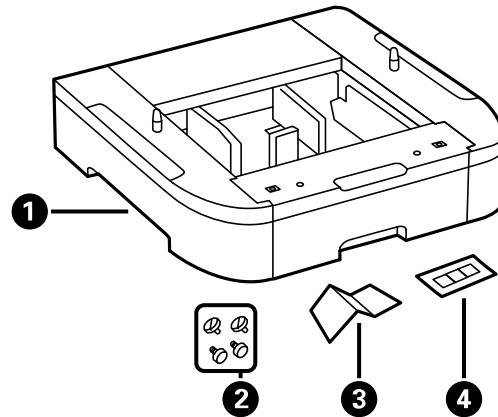
1. Turn off the product, and unplug the power cord and any connected cables.

Warning: To avoid electric shock, make sure you unplug the power cord.

2. Uninstall any optional cassette units already installed on the product.

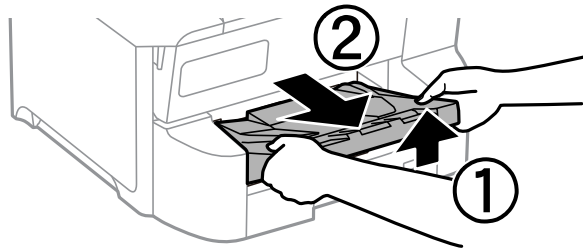
Note: To uninstall optional cassette units, turn off the product, unplug the power cord, disconnect any cables, and follow the rest of these instructions in reverse.

3. Remove the paper cassette unit from its packaging and remove any protective materials.
4. Make sure you have all the items shown here:

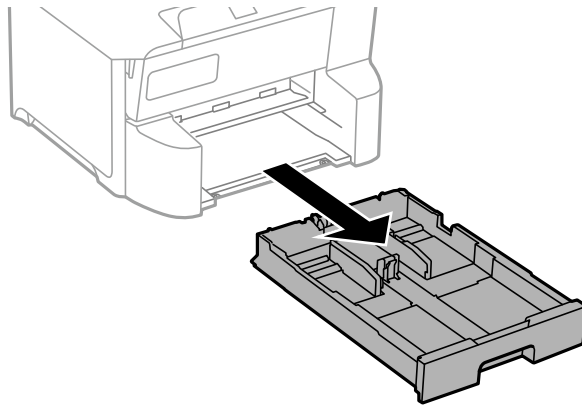


- 1 Optional cassette
- 2 Screws (×4)
- 3 Paper size label
- 4 Cassette number sticker

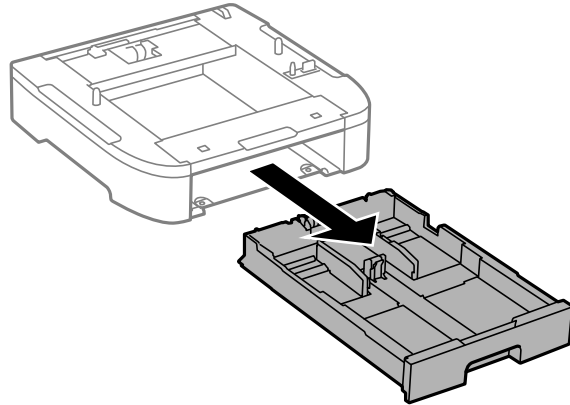
5. Remove the output tray from the product.



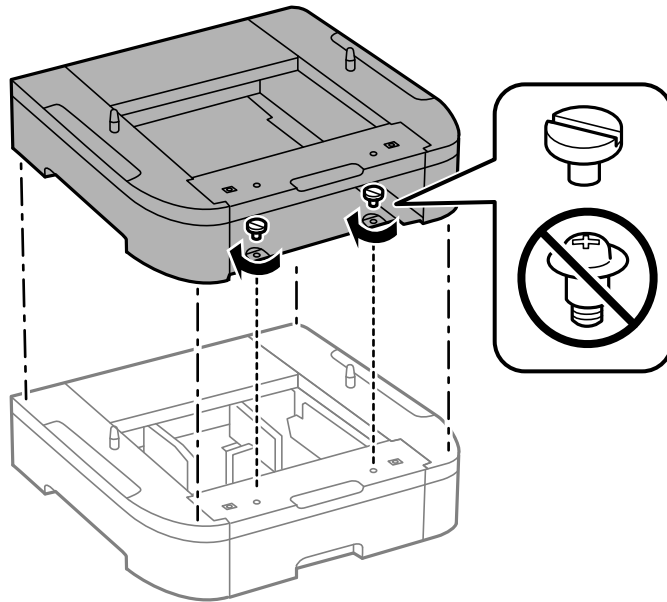
6. Remove the paper cassette from the product.



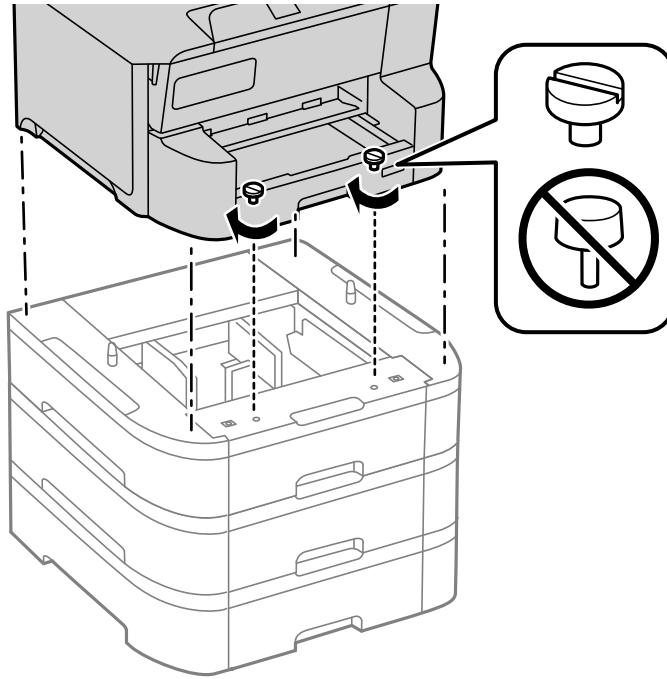
7. Remove the paper cassette from the optional paper cassette unit.



8. Stack all optional paper cassette units on top of each other and secure them to each other with the included screws.

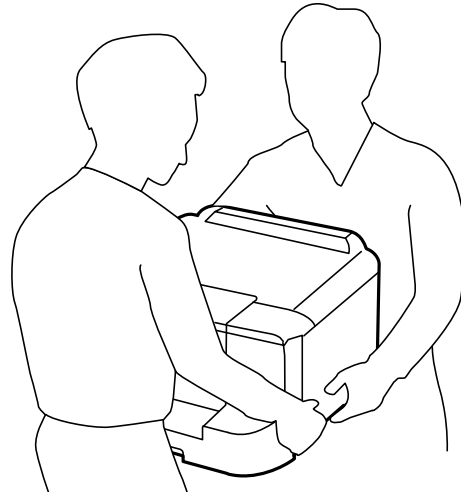


9. Lift up your product and gently lower it onto the paper cassette unit with the corners aligned. Secure the product to the paper cassette unit with the included screws using a screwdriver.

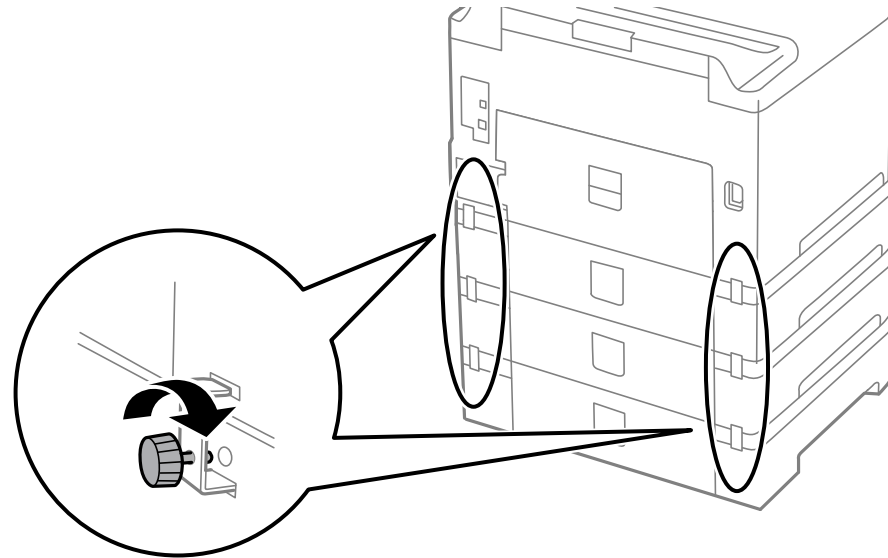


Note: Screws may be left over after installation.

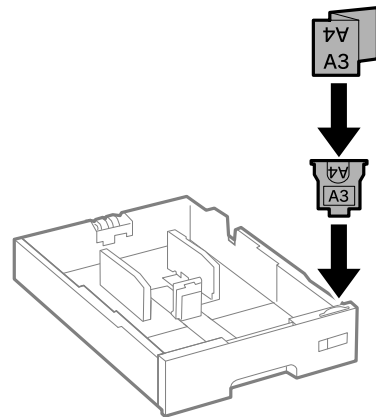
Warning: To lift the product, have two people hold it as shown here. Lifting from other areas may cause the product to fall or cause you to pinch your fingers when placing the product down.



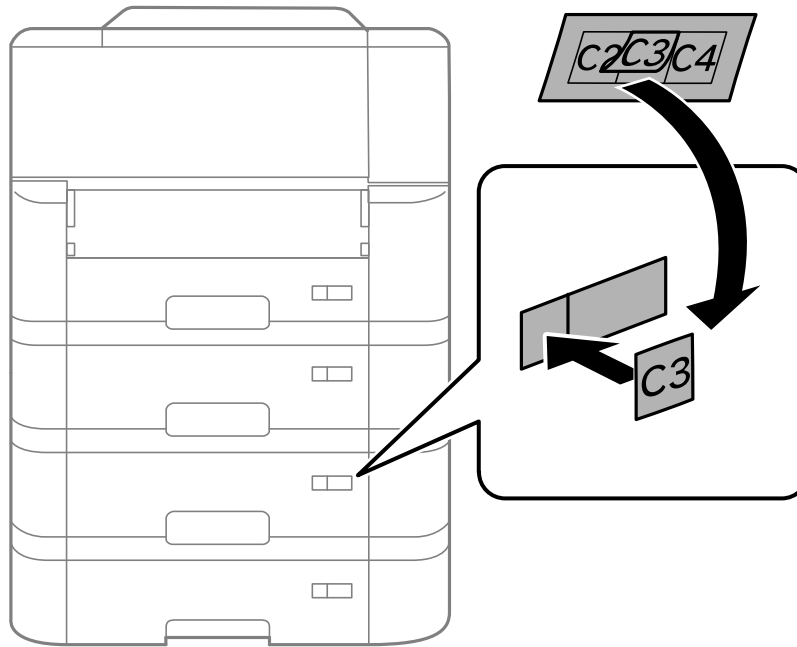
10. Secure the back of the paper cassette units to each other and to the product using the included brackets and screws.



11. Insert a label into the holder indicating the paper size to be loaded in each of the paper cassettes.



12. Insert the paper cassette and place the correct sticker on the cassette unit to indicate the cassette number.



13. Attach the output tray.
14. Connect the power cord and other connection cables, then plug in the product.
15. Turn on the product.
16. Pull out and reinsert the paper cassettes in the optional paper cassette units and confirm that each cassette unit number is displayed on the screen.
17. Enable the optional paper cassette units in the printer software.

[Enabling the Optional Paper Cassettes - Windows](#)

[Enabling the Optional Paper Cassettes - PostScript Printer Software - Windows](#)

[Enabling the Optional Paper Cassettes - Mac](#)






[Enabling the Optional Paper Cassette - PostScript Printer Software - Mac](#)

Parent topic: [Installing or Using Optional Parts](#)

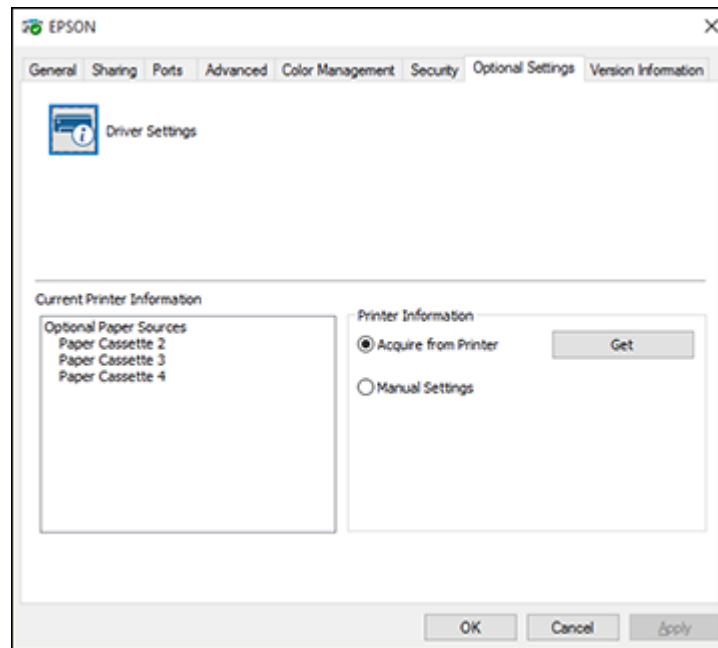
Enabling the Optional Paper Cassettes - Windows

You need to enable the optional paper cassette units before you can use them with the printer software.

Note: Log on to your computer as an administrator.

1. Do one of the following:
 - **Windows 11:** Click , search for **Settings** and select it. Select **Bluetooth & devices > Printers & scanners**. Select your product name, then select **Printer properties**.
 - **Windows 10:** Click , and select  (Settings) > **Devices > Printers & scanners**. Select your product name and select **Manage > Printer properties**.
 - **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click your product name and select **Printer properties**.
 - **Windows 7:** Click  and select **Devices and Printers**. Right-click your printer name and select **Printer properties**.
 - **Windows Vista:** Click  and select **Control Panel**. Click **Printer** under **Hardware and Sound**, then right-click your printer name and select **Properties**.
2. Click the **Optional Settings** tab.

You see a window like this:



3. Make sure **Acquire from Printer** is selected and click **Get**.

The optional paper sources are listed in the Current Printer Information section.

4. Click **OK**.

The optional paper cassettes are now enabled.

Parent topic: [Installing the Optional Paper Cassette Units](#)






Related tasks

[Enabling the Optional Paper Cassettes - PostScript Printer Software - Windows](#)

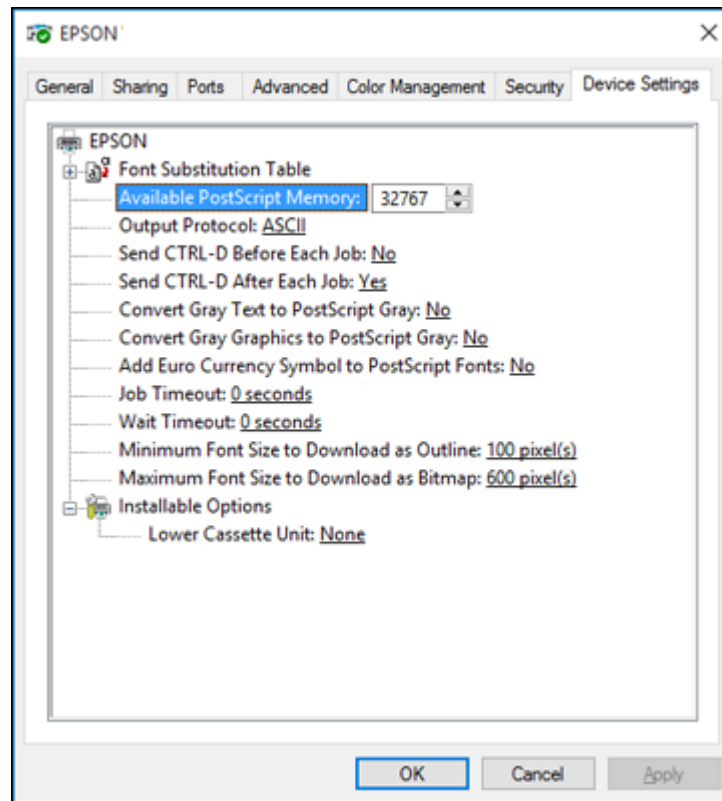
Enabling the Optional Paper Cassettes - PostScript Printer Software - Windows

If you installed optional paper cassette units, you need to enable the optional cassette units before you can use them with the PS3 printer software.

Note: Log on to your computer as an administrator.

1. Do one of the following:
 - **Windows 11:** Click , search for **Settings** and select it. Select **Bluetooth & devices > Printers & scanners**. Select your product name, then select **Printer properties**.
 - **Windows 10:** Click  and select  (Settings) > **Devices > Printers & scanners** . Select your product name and select **Manage > Printer properties**.
 - **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click your product name and select **Printer properties**.
 - **Windows 7:** Click  and select **Devices and Printers**. Right-click your product name and select **Printer Properties**.
 - **Windows Vista:** Click  and select **Control Panel**. Click **Printer** under **Hardware and Sound**, then right-click your product name, and select **Properties**.
2. Click the **Device Settings** tab.

You see a window like this:



3. Select the number of optional cassettes installed as the Lower Cassette Unit setting.
4. Click **OK**.

The optional paper cassettes are now enabled.

Parent topic: [Installing the Optional Paper Cassette Units](#)

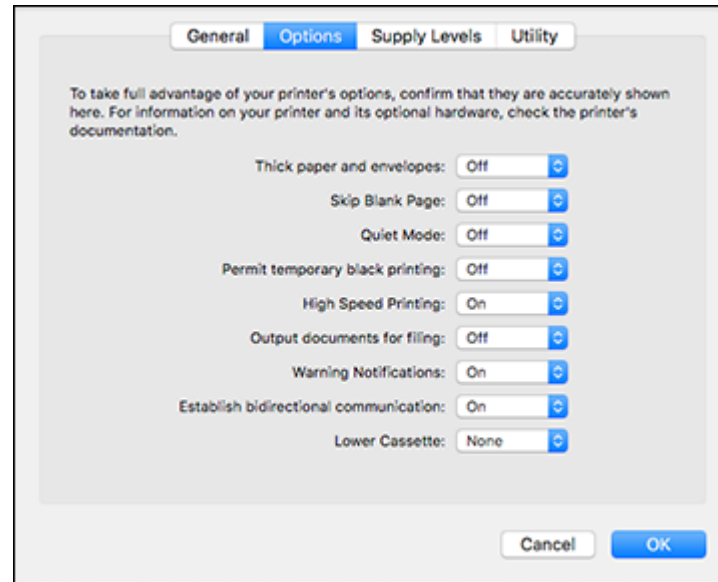
Enabling the Optional Paper Cassettes - Mac

You need to enable the optional paper cassette units before you can use them with the printer software.

Note: If you are using the PostScript (PS3) printer software, see the link below to enable the optional cassette units.

1. In the Apple menu or the Dock, select **System Preferences** or **System Settings**.
2. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**.
3. Select **Driver** or **Options**.

You see a screen like this:



4. Select the number of cassette units installed as the **Lower Cassette** setting.
5. Click **OK**.

The optional paper cassettes are now enabled.

Parent topic: [Installing the Optional Paper Cassette Units](#)

Related tasks

[Enabling the Optional Paper Cassette - PostScript Printer Software - Mac](#)

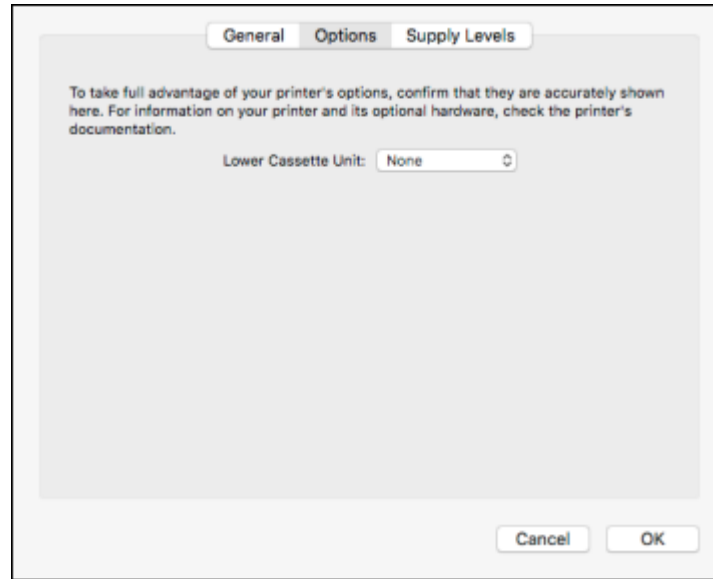
Enabling the Optional Paper Cassette - PostScript Printer Software - Mac

If you installed the optional paper cassette unit, you need to enable it before you can use it with the PS3 printer software.

1. In the Apple menu or the Dock, select **System Preferences**.

2. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**.
3. Select **Driver** or **Options**.

You see a screen like this:



4. Select the optional cassette installed as the Lower Cassette Unit setting.
5. Click **OK**.

The optional paper cassette is now enabled.

Parent topic: [Installing the Optional Paper Cassette Units](#)

Product Parts Locations

See these sections to identify the parts on your product.

[Product Parts - Front](#)

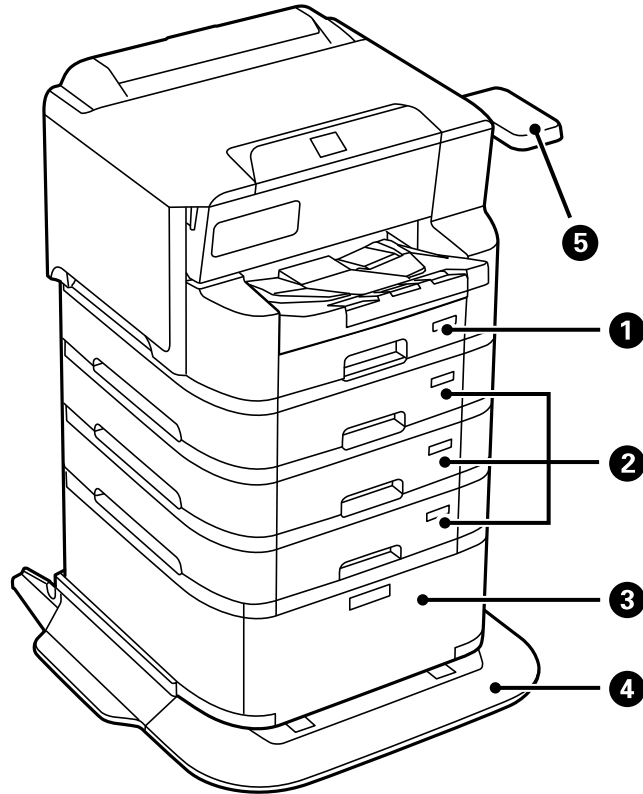
[Product Parts - Inside](#)

[Product Parts - Back](#)

Parent topic: [Product Basics](#)

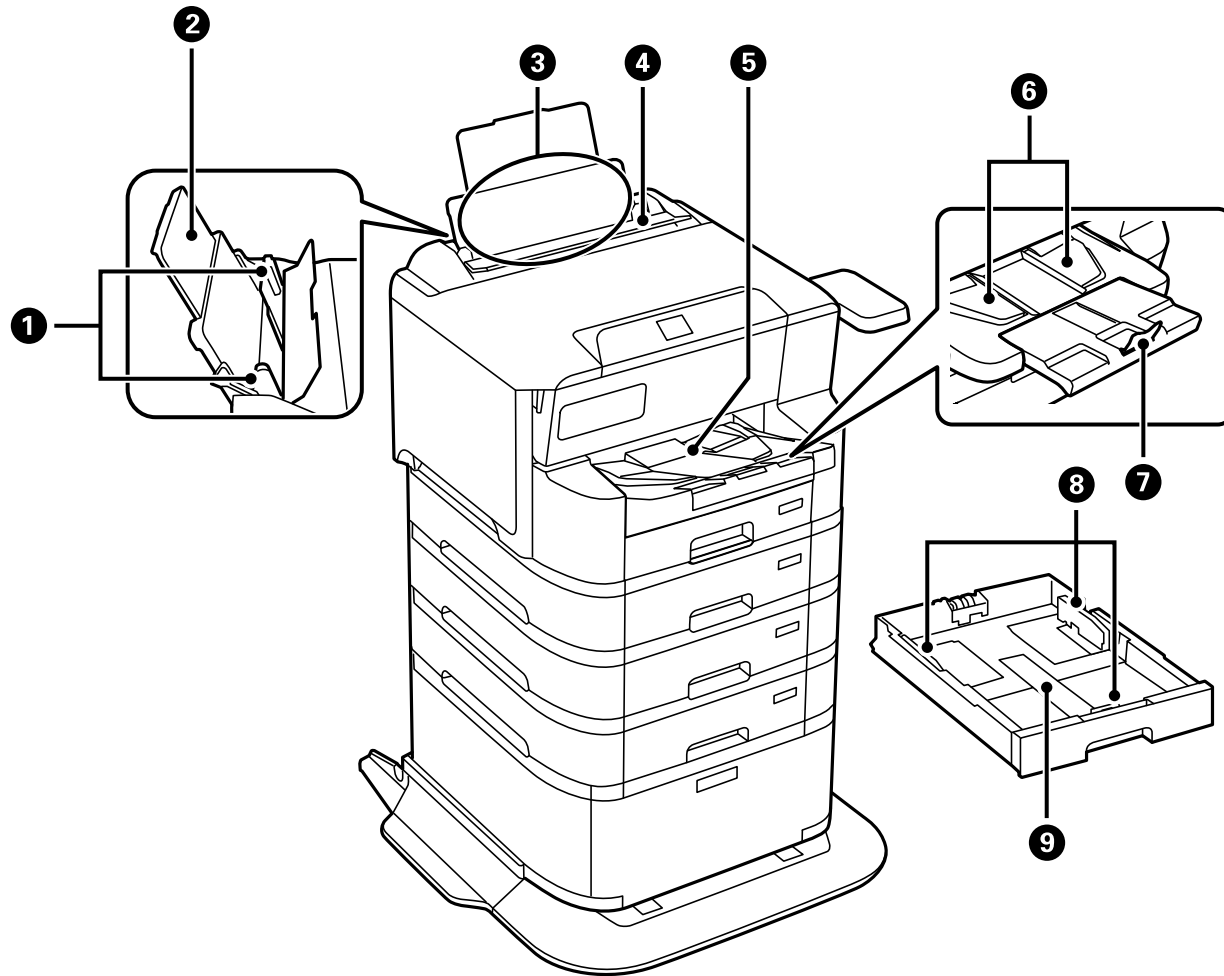
Product Parts - Front

Certain parts are labeled with a letter and number code. If you encounter any paper jams or errors, you can use these codes to locate and correct the problem.



- 1 Paper cassette 1 (C1)
- 2 Optional cassettes 2, 3, and 4 (C2, C3, and C4)
- 3 Optional cabinet
- 4 Optional cabinet front cover

5 Authentication Device Table-P2 (Optional)



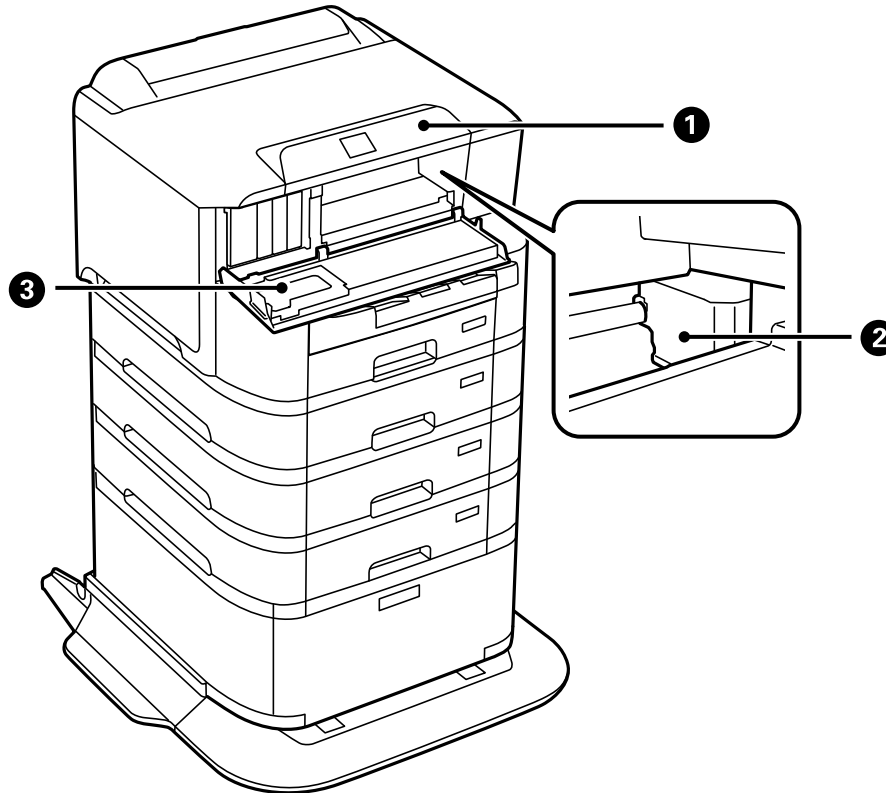
- 1 Rear paper feed edge guides
- 2 Paper support and extension
- 3 Rear paper feed slot (B)
- 4 Feeder guard

- 5 Output tray
- 6 Output tray guide
- 7 Output tray stopper
- 8 Paper cassette edge guides
- 9 Paper cassette

Parent topic: [Product Parts Locations](#)

Product Parts - Inside

Certain parts are labeled with a letter and number code. If you encounter any paper jams or errors, use these codes to locate and correct the problem.

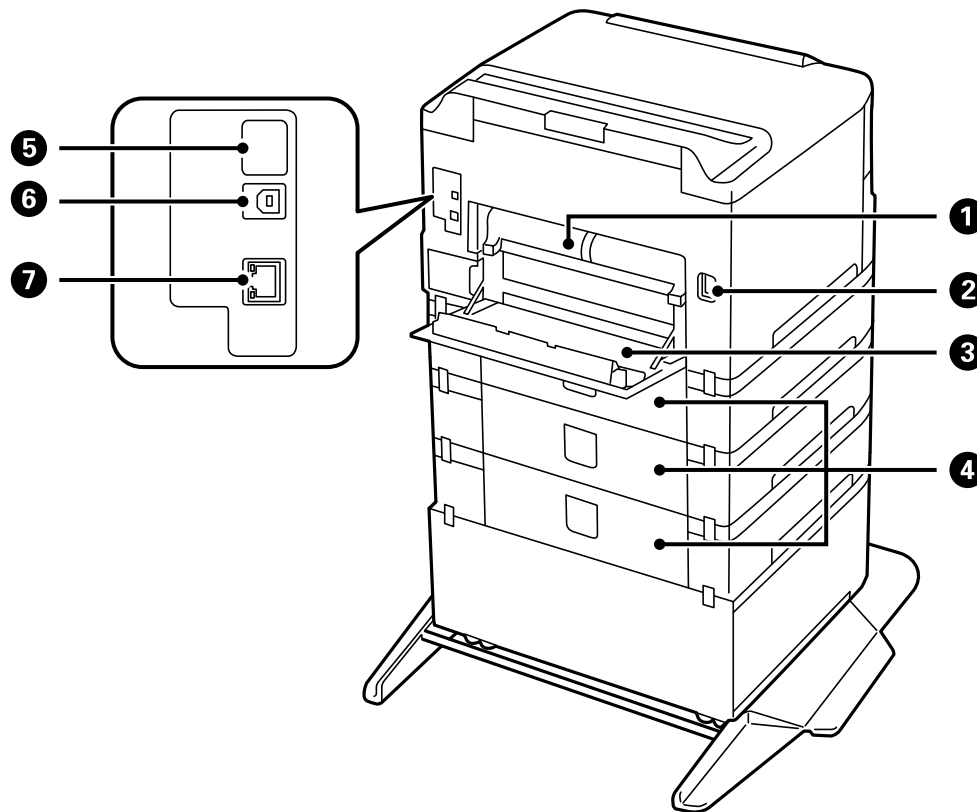


- 1 Control panel
- 2 Printhead
- 3 Front cover (A)

Parent topic: [Product Parts Locations](#)

Product Parts - Back

Certain parts are labeled with a letter and number code. If you encounter any paper jams or errors, use these codes to locate and correct the problem.



- 1 Rear cover 2 (D2)

- 2 AC inlet
- 3 Rear cover 1 (D1)
- 4 Optional cassette rear covers (E)
- 5 Service USB port for future use (do not remove sticker)
- 6 **USB** port
- 7 **LAN** port

Parent topic: [Product Parts Locations](#)

Using the Control Panel

See these sections to learn about the control panel and select control panel settings.

[Control Panel Buttons and Lights](#)

[Changing LCD Screen Language](#)

[Selecting the Date and Time](#)

[Setting a Password and Locking the Control Panel](#)

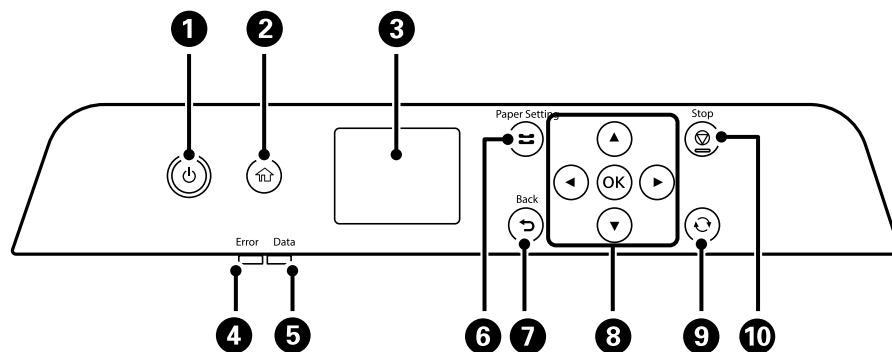
[Adjusting the Screen Brightness](#)







[Turning Off the Operation Time Out Setting](#)

[Preventing PC Connection via USB](#)

Parent topic: [Product Basics](#)

Control Panel Buttons and Lights



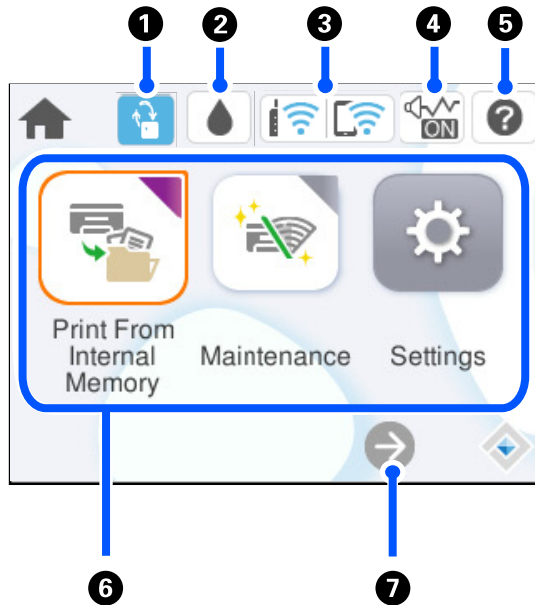
- 1 The  power button and light
- 2 The  home button
- 3 Displays menus and messages
- 4 The **Error** light
- 5 The **Data** light
- 6 The  **Paper Setting** button
- 7 The  **Back** button
- 8 The arrow buttons and the **OK** button
- 9 The  reset button
- 10 The  **Stop** button

[Guide to the Home Screen](#)

[Status Icon Information](#)

Parent topic: [Using the Control Panel](#)

Guide to the Home Screen















- 1 Indicates when a firmware update is available
- 2 Displays ink and maintenance box status
- 3 Indicates network status and accesses network settings
- 4 Indicates whether Quiet Mode is enabled
- 5 Displays usage instructions and troubleshooting solutions
- 6 Displays the menu options
- 7 Scrolls the screen to the right

Parent topic: [Control Panel Buttons and Lights](#)

Status Icon Information

Your product displays status icons on the LCD screen for certain product status conditions.


Icons	Description
	Indicates a firmware update is available
	Ink and maintenance box status; select the icon to view the ink and maintenance box levels
	<p>Displays the network connection status; select the icon to set up or change your network connection</p> <ul style="list-style-type: none">  Not connected to a wired (Ethernet) network  Connected to a wired (Ethernet) network  Searching for an SSID or experiencing a wireless network connection issue  Connected to a wireless network; the number of bars indicates the connection's signal strength  Wi-Fi Direct is not enabled  Wi-Fi Direct is enabled
	The Quiet Mode setting is enabled or disabled. Select the icon to change the setting. Depending on the selected paper type and print quality, when this feature is enabled noise is reduced during printing but print speed is slower.
	Scrolls the screen to the right.
	Displays the Help screen

Parent topic: [Control Panel Buttons and Lights](#)

Changing LCD Screen Language

You can change the language used on the LCD screen.


Note: This setting can be locked by an administrator. If you cannot access or change this setting, contact your administrator for assistance.

1. Press the  home button, if necessary.
2. Select **Settings > General Settings > Basic Settings > Language**.
3. Use the arrow buttons to select a language and press the **OK** button.

Parent topic: [Using the Control Panel](#)

Selecting the Date and Time

Select the current date, time, and daylight saving phase in your area, and choose your preferred date and time format.

1. Press the  home button, if necessary.
2. Select **Settings > General Settings > Basic Settings > Date/Time Settings**.
3. Select **Daylight Saving Time**, then select the setting that applies to your area:
 - **Winter:** it is winter or your region does not use Daylight Saving Time (DST)
 - **Summer:** it is spring or summer and your region uses Daylight Saving Time (DST)

Note: If your region uses Daylight Saving Time (DST), you must change this setting to match the season. When you change from **Winter** to **Summer**, your product automatically sets its clock ahead one hour. When you change from **Summer** to **Winter**, it sets its clock back one hour.


4. On the Date/Time Settings screen, select **Date/Time**.
5. Select the date format you want to use.
6. Use the arrow keys and the **OK** button to enter the current date.
7. Select the time format you want to use.
8. Use the arrow keys and the **OK** button to enter the current time.
9. On the Date/Time Settings screen, select **Time Difference**.
10. Use the arrow keys and the **OK** button to enter the time difference between your time zone and UTC (Coordinated Universal Time).

Parent topic: [Using the Control Panel](#)

Setting a Password and Locking the Control Panel

You can set an administrator password to lock the following settings and prevent them from being changed:

- Certain Basic Settings and Printer Settings

- System Administration Settings
 - Network Settings
 - Web Service Settings
1. Press the  home button, if necessary.
 2. Select **Settings** > **General Settings** > **System Administration** > **Security Settings** > **Admin Settings** > **Admin Password** > **Register**.
 3. Use the displayed keyboard to enter a password, then select **OK** and press the **OK** button.
 4. Enter your password again to confirm, then select **OK** and press the **OK** button.
 5. Select **Lock Setting** and select **On**.

When the control panel is locked, you must enter the password to access any of the locked settings.

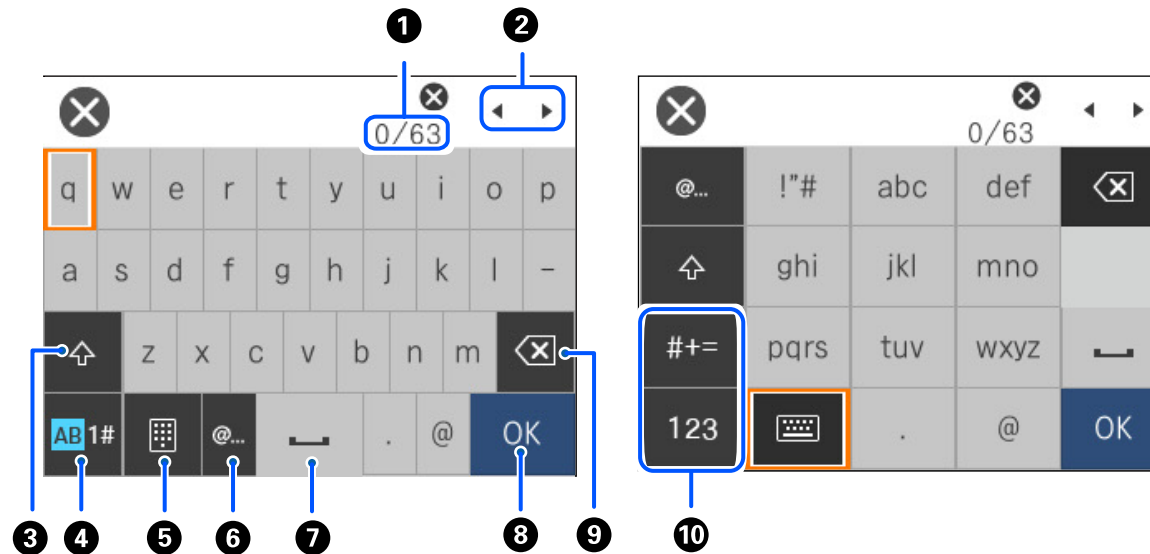
Note: If you forget your password, contact Epson for assistance.

[Entering Characters on the LCD Screen](#)

Parent topic: [Using the Control Panel](#)

Entering Characters on the LCD Screen

Follow these guidelines, using the control panel buttons to enter characters for passwords and other settings.




- 1 Displays the character count
- 2 Moves the cursor left or right
- 3 Switches between uppercase and lowercase characters, numbers, and symbols
- 4 Switches between characters, number, and symbols
- 5 Changes the keyboard layout
- 6 Displays a list of common domain names to choose from
- 7 Enters a space
- 8 Select when you are finished
- 9 Deletes the previous character
- 10 Switches between characters, numbers, and symbols

Parent topic: [Setting a Password and Locking the Control Panel](#)

Adjusting the Screen Brightness

You can adjust the brightness of the LCD screen.


1. Press the  home button, if necessary.
2. Select **Settings** > **General Settings** > **Basic Settings** > **LCD Brightness**.
3. Press the left or right arrow buttons to decrease or increase the brightness.
4. Press the up arrow button to select **OK**.
5. Press the **OK** button to exit.

Parent topic: [Using the Control Panel](#)

Turning Off the Operation Time Out Setting

The Operation Time Out setting causes the LCD screen to return to the Home screen after a few minutes of inactivity. This feature is enabled by default, but you can turn it off.

Note: This setting can be locked by an administrator. If you cannot access this setting, contact your administrator for assistance.

1. Press the  home button, if necessary.
2. Select **Settings** > **General Settings** > **Basic Settings** > **Operation Time Out**.
3. Select **Off** and press the **OK** button.

Parent topic: [Using the Control Panel](#)

Preventing PC Connection via USB

You can disable access to your product from a USB-connected computer. This restricts non-network access to the product.

Note: This setting can be locked by an administrator. If you cannot access this setting, contact your administrator for assistance.

1. Press the  home button, if necessary.
2. Select **Settings** > **General Settings** > **Printer Settings** > **PC Connection via USB**.
3. Select **Disable** and press the **OK** button.

Parent topic: [Using the Control Panel](#)

Power Off and Sleep Timers

The product enters sleep mode or turns off automatically if it is not used for a period of time. You can adjust the time period before power management begins, but increasing the time reduces the product's energy efficiency.


[Changing the Sleep Timer Settings](#)

[Changing the Power Off Timer Settings](#)

Parent topic: [Product Basics](#)

Changing the Sleep Timer Settings


You can adjust the time period before your product enters sleep mode and turns off the LCD screen.

1. Press the  home button, if necessary.
2. Select **Settings** > **General Settings** > **Basic Settings** > **Sleep Timer**.
3. Select the number field and press the **OK** button.
4. Use the arrow and **OK** buttons to select a time period from 1 to 240 minutes.
5. Select **OK** then press the **OK** button.

Parent topic: [Power Off and Sleep Timers](#)

Changing the Power Off Timer Settings

You can have the product turn off automatically if it is not used for a specified period of time.

1. Press the  home button, if necessary.
2. Press the right arrow button to select **Settings** > **General Settings** > **Basic Settings** > **Power Off Timer**.
3. Press the up and down arrow buttons to select a time period between **30minutes** and **12h** (12 hours), and press the **OK** button.

Parent topic: [Power Off and Sleep Timers](#)

Epson Connect Solutions for Smartphones, Tablets, and More

Use your smartphone, tablet, or computer to print documents, photos, emails, and web pages from your home, office, or even across the globe.

Note: If you are using your Epson product with the Windows 10 S operating system, you cannot use the software described in this section. You also cannot download and install any Epson product software

from the Epson website for use with Windows 10 S; you must obtain software only from the Windows Store.

[Setting Up Epson Connect Services](#)


[Using Epson Email Print](#)

[Using Epson Remote Print](#)

Parent topic: [Product Basics](#)

Setting Up Epson Connect Services

If you did not activate your product's email address for use with Epson Connect when you set up your product, you can activate it using the product control panel.

1. Press the  home button, if necessary.
2. Select **Settings** > **General Settings** > **Web Service Settings** > **Epson Connect Services**.
3. Press the **OK** button to select **Register**.
4. Follow the instructions on the screen to activate your product's email address.

Parent topic: [Epson Connect Solutions for Smartphones, Tablets, and More](#)

Using Epson Email Print

With Epson Email Print, you can print from any device that can send email, such as your smartphone, tablet, or laptop. Just activate your product's unique email address. When you want to print, attach a PDF, Microsoft Office document, or photo to an email and send it to your product. Both the email and the attachments will print automatically.

1. Connect your product to your network. See the link below.
2. If you did not already set up Email Print when you installed your product software, see the link below to use your product control panel to activate your unique email address. Or visit epson.com/connect (U.S.) or epson.ca/connect (Canada) to learn more about Email Print, create your Epson Connect account, and register your product to the Epson Connect service.
3. Now you are ready to send and print emails to your product's Email Print address.

Note: Go to epsonconnect.com and log into your Epson Connect account to personalize your product's email, adjust print settings, and set up other Epson Connect services.

Parent topic: [Epson Connect Solutions for Smartphones, Tablets, and More](#)

Related topics

[Wi-Fi or Wired Networking](#)

Using Epson Remote Print

With Epson Remote Print software, you can print from your laptop or desktop computer to an Epson Email-enabled product anywhere in the world.

1. Connect your Epson product to your wireless network. See the link below.
2. If you did not already set up an Epson Connect account when you installed your product software, visit epsonconnect.com to create your account and register your product to the Epson Connect service.

Note: Make a note of your product's email address.

3. Visit epsonconnect.com to learn more about Remote Print and how to download the Remote Print Driver software.
4. Download and install the Remote Print software.
5. Enter the email address and optional access key of your Epson product during Remote Print setup.
6. Now you are ready to print remotely. Select the print command in your laptop or desktop computer application and choose the Remote Print option for your Epson product.

Parent topic: [Epson Connect Solutions for Smartphones, Tablets, and More](#)

Related topics

[Wi-Fi or Wired Networking](#)

Using the Epson Smart Panel Mobile App

Use this free Apple and Android app to setup and control your Epson product. Epson Smart Panel also lets you check product status.

Note: App features may vary depending on your Epson product.

1. Visit epson.com/connect (U.S.) or epson.ca/connect (Canada) to learn more about Epson Smart Panel and check the compatibility of your mobile device.
2. Download Epson Smart Panel from the Apple App Store or Google Play.

3. Do one of the following:
 - If your Epson product is already connected to a wireless network, connect your mobile device to the same network. Then open Epson Smart Panel and select your Epson product, if necessary.
 - If your Epson product is not connected to a wireless network, connect your mobile device to the network you want to use, then open Epson Smart Panel and follow the instructions to set up your Epson product.

Now you are ready to control your Epson product with your mobile device.

Parent topic: [Product Basics](#)

Using AirPrint

AirPrint enables instant wireless printing from iPhone, iPad, iPod touch, and Mac without the need to install drivers or download software.



Note: If you disabled paper configuration messages on your product control panel, you cannot use AirPrint. See the link below to enable the messages, if necessary.

1. Load paper in your product.
2. Set up your product for wireless printing. See the link below.
3. Connect your Apple device to the same wireless network that your product is using.
4. Print from your device to your product.

Note: For details, see the AirPrint page on the Apple website.

Parent topic: [Product Basics](#)

Related topics

[Wi-Fi or Wired Networking](#)

[Selecting Default Paper Settings - Administrator](#)

Setting Up Printing on a Chromebook

Your Epson printer supports native printing on Chromebook, allowing you to print from a Chromebook without drivers or cables.

For directions on setting up your printer, visit [Setting Up Your Epson Printer on Your Chromebook \(U.S.\)](#) or [Setting Up Your Epson Printer on Your Chromebook \(Canada\)](#).

Parent topic: [Product Basics](#)

Android Printing Using the Epson Print Enabler

You can wirelessly print your documents, emails, photos, and web pages right from your Android phone or tablet (Android v4.4 or later). With a few taps, your Android device will discover your nearby Epson product and print.

Note: Operations may differ depending on the device.

1. Connect your Epson product to your wireless network. See the link below.
2. On your Android device, download the Epson Print Enabler plug-in from Google Play.
3. Go to **Settings** on your Android device, select **Printing**, and enable the Epson plug-in, if necessary.
4. Connect your Android device to the same wireless network as your product.
5. Now you are ready to print. From an Android application such as Chrome or Gmail, tap the menu icon and print whatever is on the screen.

Note: If you do not see your product, tap **All Printers** and select your product.

Parent topic: [Product Basics](#)

Related topics

[Wi-Fi or Wired Networking](#)

Using the Mopria Print Service

You can use the Mopria Print Service to print from your Android phone or tablet (Android v4.4 or later) to your Epson product or any Mopria-certified product from other manufacturers. You can download the Mopria Print Service from Google Play.



Note: For details on the Mopria Print Service, [click here](#) (U.S.) or [click here](#) (Canada). Some Amazon Fire tablets also use the Mopria Print Service.

1. Connect your Epson product to your wireless network. See the link below.
2. On your Android device, download the Mopria Print Service app from Google Play.

Note: On some Samsung Galaxy devices, Mopria may come preinstalled.

3. Go to **Settings** on your Android device, select **Printing**, and enable the Mopria Print Service, if necessary.
4. Connect your Android device to the same wireless network as your product.
5. Now you are ready to print. From an Android application such as Chrome or Gmail, tap the menu icon and select **Print**. Then select **All printers**, select your Epson product, adjust your print settings, and print.

Parent topic: [Product Basics](#)

Related topics

[Wi-Fi or Wired Networking](#)

Voice-activated Printing

Take advantage of voice-activated, hands-free printing from your Epson product with Alexa. You can ask your product to print photos, calendars, recipes, photo props, and more. [Click here](#) for more information.

1. Connect your product to your network. See the link below.
2. Set up your product's email address for use with Epson Connect. See the link below to activate it from the product control panel.
3. [Click here](#) for instructions on how to set up your product and voice assistant to use the voice-activated printing feature.

Now you are ready to print with your voice and your Epson product.

Parent topic: [Product Basics](#)

Wi-Fi or Wired Networking

See these sections to use your product on a Wi-Fi or wired network.

[Network Security Recommendations](#)

[Wi-Fi Infrastructure Mode Setup](#)

[Wi-Fi Direct Mode Setup](#)

[Wi-Fi Protected Setup \(WPS\)](#)

[Printing a Network Status Sheet](#)

[Changing or Updating Network Connections](#)

Network Security Recommendations

To help deter unauthorized access to your product over a network, you should protect your network environment using appropriate security measures.

Security measures such as these can help deter threats such as loss of user data, use of telephone and fax lines, and other intrusions:

- **Enable security on your wireless LAN**

Enable the appropriate security on the wireless LAN you plan to use with your product. Network security such as a network password can deter interception of traffic over the wireless LAN. Your router may already have a default password enabled by your Internet service provider (ISP). See your ISP and router documentation for instructions on how to change the default password and better secure your network.

- **Connect your product only to a network protected by a firewall**

Connecting your product directly to the Internet may leave it vulnerable to security threats. Instead, connect it to a router or other network connection protected by a firewall. Your router may already have a firewall set up by your Internet service provider; check with your ISP for confirmation. For best results, set up and use a private IP address for your network connection.

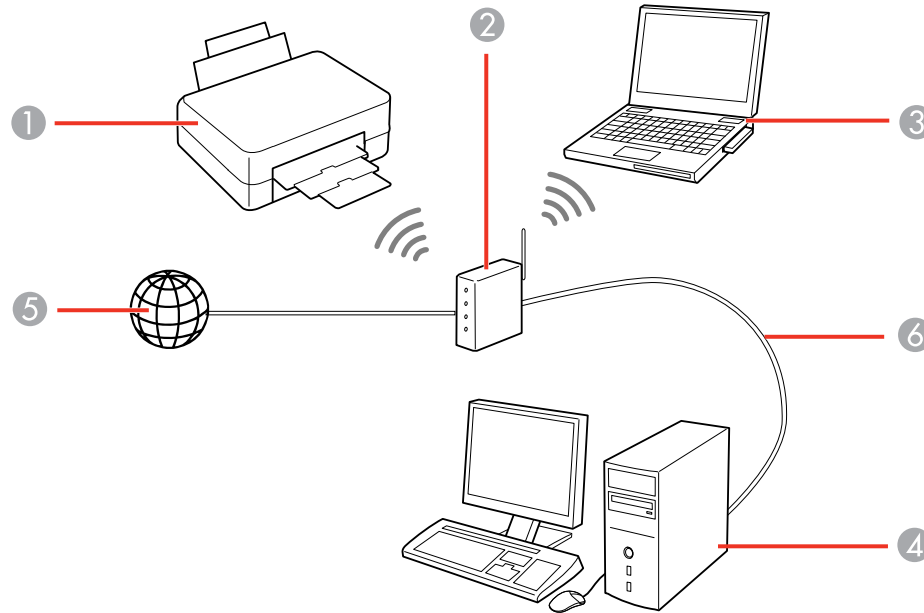
- **Change the default administrator password on your product**

If your product has the option to set an administrator password, change the default administrator password to deter access by unauthorized users to personal data stored on your product, such as IDs, passwords, and contact lists.

Parent topic: [Wi-Fi or Wired Networking](#)

Wi-Fi Infrastructure Mode Setup

You can set up your product to communicate with your computer using a wireless router or access point. The wireless router or access point can be connected to your computer over a wireless or wired network.



- 1 Epson product
- 2 Wireless router or access point
- 3 Computer with a wireless interface
- 4 Computer
- 5 Internet
- 6 Ethernet cable (used only for wired connection to the wireless router or access point)

[Selecting Wireless Network Settings from the Control Panel](#)


Parent topic: [Wi-Fi or Wired Networking](#)

Selecting Wireless Network Settings from the Control Panel

You can select or change wireless network settings using your product control panel.


To install your product on a wireless network, install the necessary software by downloading it from the Epson website. The installer program guides you through network setup.


Note: Breakdown or repair of this product may cause loss of network data and settings. Epson is not responsible for backing up or recovering data and settings during or after the warranty period. We recommend that you make your own backup or print out your network data and settings.


1. Press the  home button, if necessary.
2. Select **Wi-Fi > Router**.
3. Select **Start Setup**, **Change Settings**, or **Change to Wi-Fi Connection**, depending on your current connection settings.
4. Select **Wi-Fi Setup Wizard**.
5. Select the name of your wireless network or select **Enter Manually** to enter the name manually. Use the displayed keypad to enter your network name.
6. Select the **Enter Password** field and enter your wireless password using the displayed keypad.

Note: The network name and password are case sensitive. Be sure to correctly enter uppercase and lowercase letters, and numeric or special characters.

- To move the cursor, select the left or right arrows.

- To change the case of letters, select .


- To delete the previous character, select .


- To enter numbers and symbols, select .


- To change the keypad layout, select .

- To enter a space, select .

7. Select **OK** when you finish entering your password.
8. Confirm the displayed network settings and select **Start Setup** to save them.

9. If you want to print a network settings report, select **Print Check Report**. (Otherwise, select **Dismiss**.)
10. Press the  home button to exit.

You see the  icon on the LCD screen and should be able to connect to your product directly from your computer or device, and then print. If you are printing from a computer, make sure you installed the network software from the Epson website.

Note: If you don't see the  icon, you may have selected the wrong network name or entered the password incorrectly. Repeat these steps to try again.

Parent topic: [Wi-Fi Infrastructure Mode Setup](#)

Related references

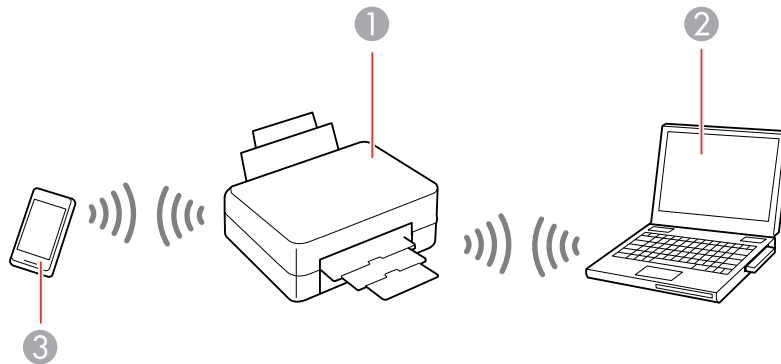
[Status Icon Information](#)

Related tasks

[Entering Characters on the LCD Screen](#)

Wi-Fi Direct Mode Setup

You can set up your product to communicate directly with your computer or another device without requiring a wireless router or access point. In Wi-Fi Direct Mode, the product itself acts as a network access point for up to 8 devices.



- 1 Epson product
- 2 Computer with a wireless interface
- 3 Other wireless device

Note: The product normally uses W52 (36ch) as the channel when connecting to Wi-Fi Direct (Simple AP). Since the channel for wireless LAN (Wi-Fi) connection is selected automatically, the channel used may differ when used at the same time as a Wi-Fi Direct connection. Sending data to the printer may be delayed if the channels are different. If it does not interfere with use, connect to the SSID in the 2.4 GHz band. In the 2.4 GHz frequency band, the channels used will match.



When setting the wireless LAN to 5 GHz, we recommend disabling Wi-Fi Direct.


[Enabling Wi-Fi Direct Mode](#)


Parent topic: [Wi-Fi or Wired Networking](#)

Enabling Wi-Fi Direct Mode

You can enable Wi-Fi Direct mode to allow direct communication between your product and computer or other devices without a wireless router or access point.

1. Press the  home button, if necessary.
2. Select **Wi-Fi** > **Wi-Fi Direct** > **Start Setup** > **Start Setup** again.
3. Use your computer or wireless device to select the Wi-Fi network name (SSID) displayed on the LCD screen, then enter the password shown.
4. Press the  home button to exit.

You see the  icon on the LCD screen and should be able to connect to your product directly from your computer or device, and then print. If you are printing from a computer, make sure you installed the network software from the Epson website.

Note: If you don't see the  icon on the LCD screen, you may have selected the wrong network name or entered the password incorrectly. Repeat these steps to try again.

Parent topic: [Wi-Fi Direct Mode Setup](#)

Related references

[Status Icon Information](#)

Related tasks

[Entering Characters on the LCD Screen](#)

Wi-Fi Protected Setup (WPS)

If your network uses a WPS-enabled wireless router or access point, you can quickly connect your product to the network using Wi-Fi Protected Setup (WPS).



Note: To check if your router is WPS-enabled, look for a button labeled **WPS** on your router or access point. If there is no hardware button, there may be a virtual WPS button in the device's software. Check your network product documentation for details.


[Using WPS to Connect to a Network](#)


Parent topic: [Wi-Fi or Wired Networking](#)

Using WPS to Connect to a Network

If you have a WPS-enabled wireless router or access point, you can use Wi-Fi Protected Setup (WPS) to connect your product to the network.

1. Press the  home button, if necessary.
2. Select **Wi-Fi > Router**.
3. Select **Start Setup, Change Settings**, or **Change to Wi-Fi connection**, depending on your current connection settings.
4. Select **Push Button Setup (WPS)**.
5. Follow the instructions on the LCD screen to complete WPS setup.
6. Press the  home button to exit.

You see the  icon on the LCD screen and should be able to connect to your product directly from your computer or device, and then print. If you are printing from a computer, make sure you installed the network software as described on the *Start Here* sheet.

Note: If you don't see the  icon, repeat these steps to try again.

Parent topic: [Wi-Fi Protected Setup \(WPS\)](#)

Printing a Network Status Sheet

You can print a network status sheet to help you determine the causes of any problems you may have using your product on a network.

1. Press the  home button, if necessary.
2. Select **Settings > General Settings > Network Settings > Network Status > Print Status Sheet > Print**.
3. Press the **OK** button.

Examine the settings shown on the network status sheet to diagnose any problems you have.

Parent topic: [Wi-Fi or Wired Networking](#)

Changing or Updating Network Connections

See these sections to change or update how your product connects to a network.

[Changing a USB Connection to a Wi-Fi Connection](#)

[Changing a Wi-Fi Connection to a Wired Network Connection](#)

[Connecting to a New Wi-Fi Router](#)

[Disabling Wi-Fi Features](#)

Parent topic: [Wi-Fi or Wired Networking](#)

Changing a USB Connection to a Wi-Fi Connection

If you have already connected your product to your computer using a USB connection, you can change to a Wi-Fi connection.

1. Disconnect the USB cable from your product.
2. Uninstall your product software.
3. Download and install your product software from the Epson website.

Parent topic: [Changing or Updating Network Connections](#)

Changing a Wi-Fi Connection to a Wired Network Connection

If you have already connected your product to your computer wirelessly, you can change to a wired network connection if necessary.

1. Disable your product's Wi-Fi features.
2. Connect one end of an Ethernet network cable to the product's **LAN** port.

3. Connect the other end to any available LAN port on your router or access point.
4. Uninstall your product software.
5. Download and install your product software from the Epson website.
6. Follow the on-screen instructions to install the software.
7. When you see the Select Your Connection screen, select **Wired network connection**.
8. If you see a Select Setup Option screen, select **Set up printer for the first time**.
9. Continue following the rest of the on-screen instructions.

Parent topic: [Changing or Updating Network Connections](#)

Related tasks

[Disabling Wi-Fi Features](#)

Connecting to a New Wi-Fi Router

If you change the wireless router you have been using on your network, you need to update your product's Wi-Fi connection to the new router.

Note: If you switch to a 5 GHz wireless router, set the router to operate in dual band (2.4 GHz and 5 GHz) mode. If your router uses a single network name (SSID) for both the 2.4 GHz and 5 GHz band, give each band its own network name (SSID) instead, such as Home Network 2.4 GHz and Home Network 5 GHz. See your router documentation for instructions.

1. Do one of the following:
 - **Windows:** Uninstall your product software.
 - **Mac:** Go to the next step.
2. Download and install your product software from the Epson website.

Parent topic: [Changing or Updating Network Connections](#)

Related concepts

[Uninstall Your Product Software](#)

Disabling Wi-Fi Features

You may need to disable your product's Wi-Fi features if you change your network connection type or need to solve a problem with your network connection.

Note: Before disabling Wi-Fi features, make a note of your product's SSID (network name) and password, and any network settings selected for the Epson Connect services you may use.

1. Press the  home button, if necessary.
2. Select **Wi-Fi > Router > Change Settings > Others > Disable Wi-Fi > Start Setup** to disable Wi-Fi.

Parent topic: [Changing or Updating Network Connections](#)

Enabling Epson Universal Print Driver (PCL) or PostScript Printing

Before enabling Epson Universal Print Driver (PCL) or PostScript printing on your product, make sure you have installed the software from the Epson website.

To download the Epson Universal Print Driver or PostScript drivers, visit epson.com/support (U.S.), epson.ca/support (Canada), or latin.epson.com/support (Latin America) and select your product.

[Installing the Epson Universal Print Driver - Windows](#)

[Installing the PostScript \(PS3\) Printer Software - Windows](#)

[Installing the PostScript \(PS3\) Printer Software - Mac](#)

[Selecting PDL \(Page Description Language\) Settings](#)

[Selecting Printer Language and Interface Settings](#)

[Printing a PCL or PS \(PostScript\) Font List](#)

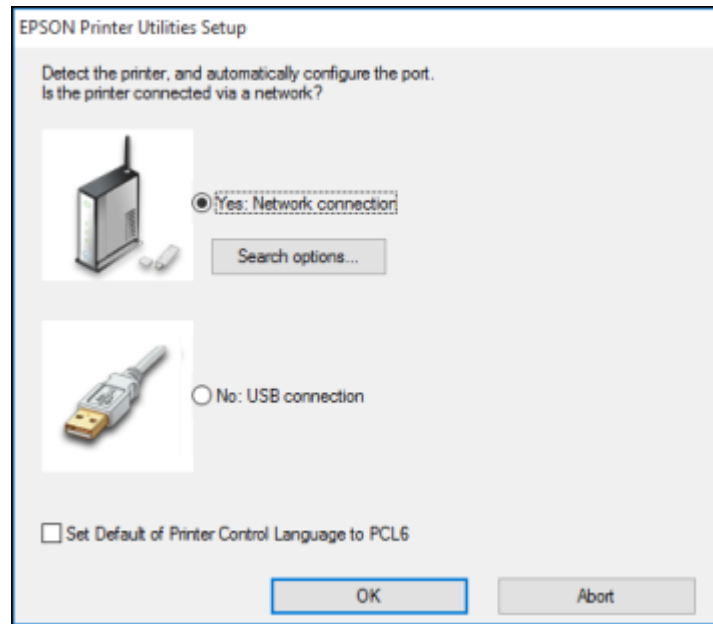
Installing the Epson Universal Print Driver - Windows

The Epson Universal Print Driver supports multiple printer languages, such as PCL and ESC/P-R, and can be installed on a Windows computer.

Note: Make sure your product is turned on and connected to the same network as your computer before installing the printer software. Depending on your model, not all printer languages may be supported.

1. To download the **EPSON Universal Print Driver** file, visit epson.com/support (U.S) or epson.ca/support (Canada) and select your product.
2. After downloading the installer file, double-click the downloaded file to install the software.

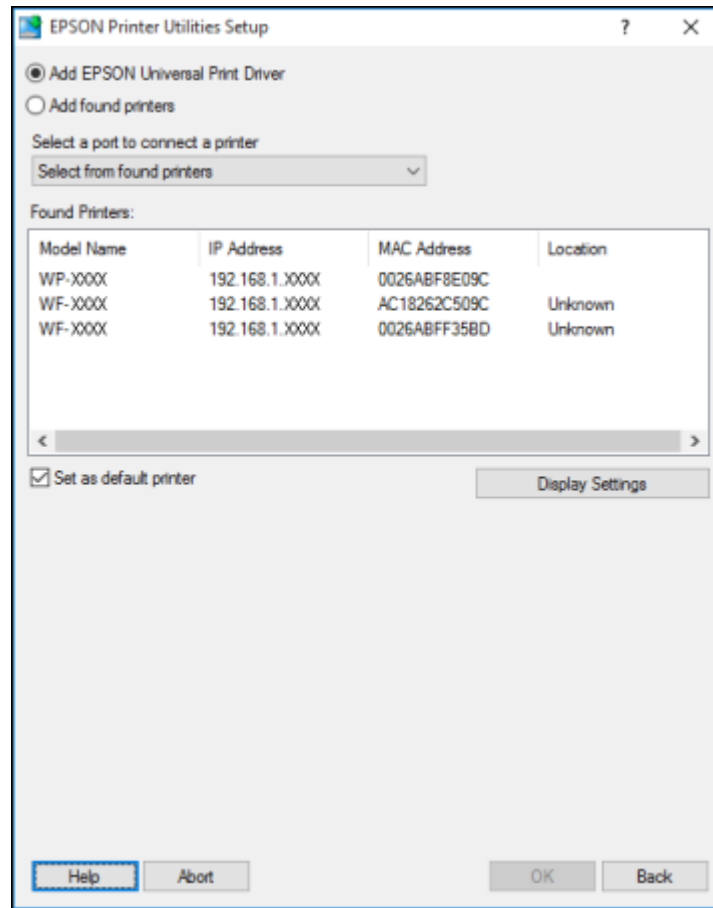
3. Follow the on-screen instructions until you see this screen:



4. Select **Yes: Network connection** and click **OK**.

Note: Select the **Set Default of Printer Control Language to PCL6** checkbox if you want to set the default printer language to PCL6. Leave this option deselected to set the printer language to ESC/P-R. (You can change this setting later as needed.)

After the software finishes searching for products, you see a screen like this:



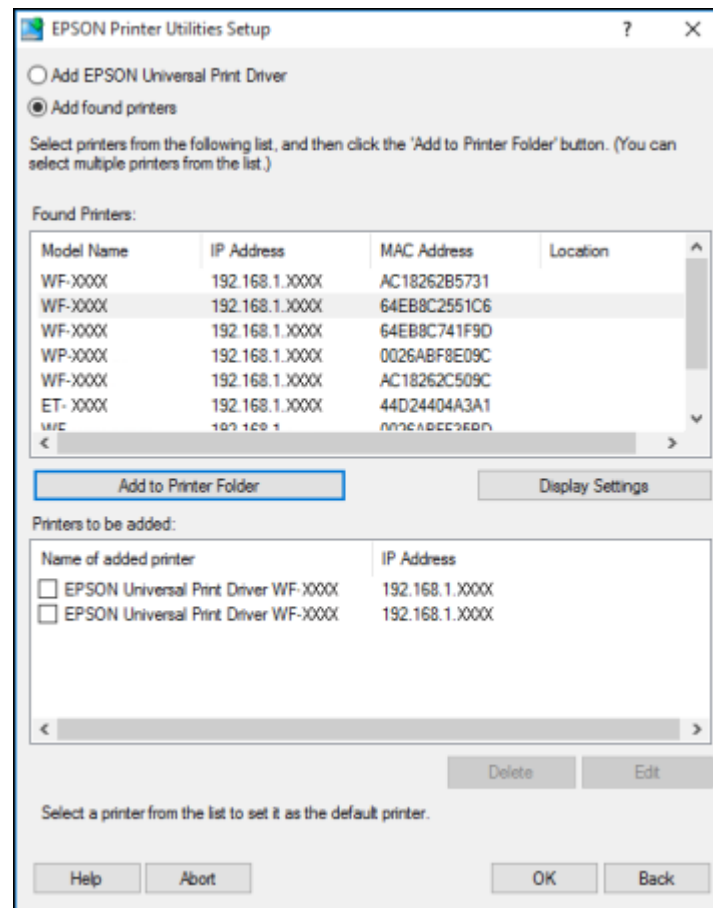
5. Do one of the following:
 - If you are installing one product, make sure **Add EPSON Universal Print Driver** is selected and continue with the next step.
 - If you are installing more than one product, select **Add found printers** and go to step 9.

Note: You can customize and filter your product search results by clicking **Display Settings**.

6. Open the **Select a port to connect a printer** menu and select an existing printer port, if necessary. Otherwise, skip this option to create a new port automatically.
7. Select the product you want to install from the Found Printers list.

Note: Deselect the **Set as default printer** checkbox if you do not want the product to be set as your default printer.

8. Click **OK**, then skip the remaining steps.
9. If you are installing more than one product, select the products from the Found Printers list and click **Add to Printer Folder**.



The selected products appear in the lower section of the screen.

10. Select the checkbox next to the product you want to make your default printer, if necessary.
11. Click **OK**.

Parent topic: [Enabling Epson Universal Print Driver \(PCL\) or PostScript Printing](#)

Installing the PostScript (PS3) Printer Software - Windows

If you did not install the standard Epson printer software or Epson Universal Print Driver, you need to install the PostScript (PS3) printer software before you can adjust the print settings and print to your network printer.

Note: Make sure your product is turned on and connected to the same network as your computer before installing the printer software.

1. To download the **Drivers and Utilities Combo Package - PS3 PostScript** file, visit epson.com/support (U.S.), epson.ca/support (Canada), or latin.epson.com/support (Latin America) and select your product.
2. After downloading the installer file, double-click the downloaded file to install the software.
3. Click **OK**.
4. Click **Accept**.
5. Click **Install**.
6. Click **Next** and follow the on-screen instructions.

Parent topic: [Enabling Epson Universal Print Driver \(PCL\) or PostScript Printing](#)

Installing the PostScript (PS3) Printer Software - Mac

If you did not install the standard Epson printer software, you need to install the PostScript (PS3) printer software before you can adjust the print settings and print to your network printer.

Note: Make sure your product is turned on and connected to the same network as your computer before installing the printer software.

1. To download the **Drivers and Utilities Combo Package - PS3 PostScript** file, visit epson.com/support (U.S) or epson.ca/support (Canada) and select your product.
2. After downloading the installer file, double-click the downloaded file to install the software.



3. Double-click **EPSON**.
4. Click **Continue** on the next two screens.
5. Click **Agree**.
6. Click **Install** or **Continue**.
7. If necessary, enter the administrator password.
8. Click **Start** and follow the on-screen instructions.

Parent topic: [Enabling Epson Universal Print Driver \(PCL\) or PostScript Printing](#)

Selecting PDL (Page Description Language) Settings

You can select settings for PCL and PostScript printing using the control panel on the product.

Note: These settings can be locked by an administrator. If you cannot access these settings, contact your administrator for assistance.

1. Press the  home button, if necessary.
2. Select **Settings > General Settings > Printer Settings > PDL Print Configuration**.
3. Select one of the options shown above, then select the PDL print configuration options you want to use.
4. When you are finished, press the  home button to exit.

[PDL Print Configuration Options](#)

Parent topic: [Enabling Epson Universal Print Driver \(PCL\) or PostScript Printing](#)

PDL Print Configuration Options

Select the **PDL Print Configuration** options you want to use for PCL or PostScript printing.

PDL Print Configuration option	Available settings	Description
Common Settings		
Paper Size	Various sizes	Sets the default paper size for PCL or PostScript printing
Paper Type	Various paper types	Sets the default paper type for PCL or PostScript printing

PDL Print Configuration option	Available settings	Description
Orientation	Portrait	Sets the default orientation for PCL or PostScript printing
	Landscape	
Quality	Draft	Sets the quality for PCL or PostScript printing
	Standard	
	Best	
Ink Save Mode	On/Off	Saves ink by reducing print density
Print Order	Last Page on Top	Starts printing from the first page of a file
	First Page on Top	Starts printing from the last page of a file
Number of Copies	1 to 999	Selects the number of copies to print
Binding Margin	Left Edge	Specifies the binding edge for double-sided documents
	Top Edge	
Auto Paper Ejection	On/Off	Ejects paper automatically when printing is stopped during a print job
2-Sided Printing	On/Off	Selects duplex printing
PCL Menu		
Font Source	Resident	Uses a font preinstalled on the printer
	Download	Uses a font you have downloaded
Font Number	1 to 111	Selects the default font number for the default font source
Pitch	0.44 to 99.99 cpi	Selects the default font pitch if the font is scalable and fixed-pitch (availability depends on font source and number settings)
Height	4.00 to 999.75 pt	Selects the default font height if the font is scalable and proportional (availability depends on font source and number settings)



PDL Print Configuration option	Available settings	Description
Symbol Set	Various	Selects the default symbol set. If the selected font is not available for the selected symbol set, the font source and number are replaced with IBM-US (the default setting).
Form	5 to 128 lines	Sets the number of lines for the selected paper size and orientation. Changes the line spacing (VMI) stored in the printer. Later changes in page size or orientation cause changes in the Form value based on the stored VMI.
CR Function	CR	Selects the carriage return and line feed commands when printing with a driver from a specific operating system
	CR+LF	
LF Function	LF	
	CR+LF	
Paper Source Assign	4	Makes the paper source select command compatible with HP LaserJet 4
	4K	Makes the paper source select command compatible with HP LaserJet 4000, 5000, and 8000
	5S	Makes the paper source select command compatible with HP LaserJet 5S
PS3 Menu		
Error Sheet	On/Off	Prints a sheet showing the status when errors occur during PostScript or PDF printing
Coloration	Color	Selects the color mode for PostScript printing
	Mono	
Binary	On/Off	Enable when printing files that contain binary images (available when the product is connected to the network). Allows you to print binary images even if the driver is set to ASCII.
PDF Page Size	Various sizes	Selects the paper size when printing a PDF file. If Auto is selected, the paper size is determined based on the size of the first page.

Parent topic: [Selecting PDL \(Page Description Language\) Settings](#)

Selecting Printer Language and Interface Settings

You can select printer language and interface settings using the control panel on the product.

Note: These settings can be locked by an administrator. If you cannot access these settings, contact your administrator for assistance.

1. Press the  home button, if necessary.
2. Select **Settings > General Settings > Printer Settings**.
3. To change interface settings, scroll down and select the interface options for your connection type.
4. To select printer language settings, select **Printing Language**, then select the printing language options for your connection type.
5. When you are finished, press the  home button to return to the Home screen.

[Printing Language and Interface Options](#)

Parent topic: [Enabling Epson Universal Print Driver \(PCL\) or PostScript Printing](#)

Printing Language and Interface Options


Select the printing language and interface options you want to use.

Option	Available settings	Description
PC Connection via USB	Enable	Select whether to allow USB communication with the product
	Disable	
USB I/F Timeout Setting	0.5 to 300 seconds	Specify the length of time before ending USB communication from a computer using the PCL or PostScript driver. This setting is necessary to avoid endless USB communication.
Printing Language	Auto	Select the language for the USB or network interface
	PCL	
	PS3	
	PDF	

Parent topic: [Selecting Printer Language and Interface Settings](#)

Printing a PCL or PS (PostScript) Font List

You can print a PCL or PS3 (PostScript) font list to confirm the current font information.

1. Press the  home button, if necessary.
2. Select **Settings**.
3. Scroll down and select **Printer Status/Print**.
4. Select **Print Status Sheet**.
5. Select **PS Font List** or **PCL Font List**.
6. Select **Print** to print the font list.

Parent topic: [Enabling Epson Universal Print Driver \(PCL\) or PostScript Printing](#)

Loading Paper

Before you print, load paper for the type of printing you will do.

[Loading Paper in the Cassette and Rear Paper Feed Slot](#)

[Paper Loading Capacity](#)

[Double-sided Printing Paper Types](#)

[Compatible Epson Papers](#)

[Paper or Media Type Settings - Printing Software](#)

[Selecting the Paper Settings for Each Source - Control Panel](#)



[Selecting Default Paper Settings - Administrator](#)

Loading Paper in the Cassette and Rear Paper Feed Slot

You can load paper up to Letter (8.5 × 11 inches [216 × 279 mm]) or A4 (8.3 × 11.7 inches [210 × 297 mm]) in the standard and optional paper cassettes. The paper tray can accommodate user-defined paper sizes from 2.2 × 5.0 inches (55 × 127 mm) to 12.95 × 47.2 inches (329 × 1200 mm) for single-sided printing.

You can view instructions on how to load paper in the cassettes or paper tray on the control panel.

Note: If the optional paper cassette units are installed, do not remove more than one cassette at a time.

1. Select the  icon on the LCD screen.
2. Select **How To > Load paper**.
3. Select one of the options.
4. Select **How To**.
5. Select the  icon to scroll through the paper loading instructions.

Caution: Slowly open and close the paper cassettes. Do not let the paper's edge slide across your skin because the edge of the paper may cut you.

6. If necessary, select **Close** and then select the  **Paper Setting** button and select the size and type of paper you loaded on the LCD screen.

Note: If the **Paper Size Auto Detect** setting is enabled, your product will automatically detect the size of the paper you loaded. To select a user-defined paper size, disable the **Paper Size Auto Detect** setting.

Always follow these paper loading guidelines:

- Load only the recommended number of sheets.
- Fan and align the edges of the paper or envelopes before loading.
- Load letterhead or pre-printed paper top edge first.
- Do not load paper above the arrow mark inside the edge guides.
- Insert and remove paper cassettes slowly.
- Check the paper package for any additional loading instructions.

Caution: Do not use the following papers; they may cause paper jams, smears on the printout, or damage to the printer.

- Papers that are wavy or damp
- Papers that have not dried after printing on one side
- Papers that are wadded or curled
- Papers that are torn, cut, or folded
- Papers that are too thick or thin
- Preprinted papers printed by other inkjet printers, thermal transfer printers, page printers, or copiers
- Papers that are perforated
- Papers that have stickers
- Papers held together with tape, staples, or paper clips
- Envelopes with adhesive surfaces or windows

Note: Store paper flat in its packaging or a plastic bag to avoid absorbing moisture. Store paper in a location with low humidity and away from direct sunlight. Do not store paper vertically and do not get the paper wet.

Parent topic: [Loading Paper](#)

Related references

[Paper Specifications](#)

[Paper Loading Capacity](#)

Paper Loading Capacity

Paper Cassettes

The table below shows the paper cassette capacity for paper in the following sizes unless noted otherwise:

- Letter (8.5 × 11 inches [216 × 279 mm]), Executive (7.25 × 10.5 inches [184 × 267 mm]), 8.5 × 13 inches (216 × 330 mm), Legal (8.5 × 14 inches [216 × 356 mm]), 11 × 17 inches (279 × 432 mm)
- A5 (5.8 × 8.2 inches [148 × 210 mm]), A4 (8.3 × 11.7 inches [210 × 297 mm]), A3 (11.7 × 16.5 inches [297 × 420 mm])
- B5 (7.2 × 10.1 inches [182 × 257 mm]), B4 (13.9 × 9.84 inches [353 × 250 mm])
- Oficio 9 (8.46 × 12.4 inches [215 × 315 mm]), Mexico-Oficio (8.5 × 13.4 inches [216 × 340 mm])
- A6 (4.1 × 5.8 inches [105 × 148 mm]), B6 (5 × 7.2 inches [128 × 182 mm]), Half Letter (5.5 × 8.5 inches [140 × 216 mm]), 13 × 19 inches (330 × 483 mm) (for C1 only)
- User-defined (3.9 × 5.8 inches to 11.7 × 17.0 inches [100 × 148 mm to 297 × 431.8 mm]) (for C1 only)
- User-defined (5.8 × 8.3 inches to 11.7 × 17.0 inches [148 × 210 mm to 297 × 431.8 mm]) (for C2-C4 only)

Paper type	Loading capacity
Plain paper	Up to the line indicated by the triangle symbol on the edge guide: <ul style="list-style-type: none">• 250 sheets (for C1 only)• 500 sheets (for C2-C4 only)
Pre-printed paper	
Letterhead paper	
Colored paper	
Recycled paper	
High quality plain paper	
Thin paper (14 to 16 lb [52 to 59 g/m ²])	

Paper type	Loading capacity
Epson Bright White Premium Paper Epson Bright White Pro Paper Epson Multipurpose Plus Paper	Letter (8.5 × 11 inches [216 × 279 mm]): <ul style="list-style-type: none"> • 250 sheets (for C1 only) • 500 sheets (for C2-C4 only)

Paper Tray

The table below shows the paper tray capacity for paper in the following sizes unless noted otherwise.

Note: For paper longer than 17 inches (431.9 mm), load one sheet at a time.

- Letter (8.5 × 11 inches [216 × 279 mm]), Executive (7.25 × 10.5 inches [184 × 267 mm]), Half Letter (5.5 × 8.5 inches [140 × 216 mm]), Legal (8.5 × 14 inches [216 × 356 mm]), 11 × 17 inches (279 × 432 mm)
- A6 (4.1 × 5.8 inches [105 × 148 mm]), A5 (5.8 × 8.2 inches [148 × 210 mm]), A4 (8.3 × 11.7 inches [210 × 297 mm]), A3 (11.7 × 16.5 inches [297 × 420 mm])
- B6 (5 × 7.2 inches [128 × 182 mm]), B5 (7.2 × 10.1 inches [182 × 257 mm]), B4 (13.9 × 9.84 inches [353 × 250 mm])
- Oficio 9 (8.46 × 12.4 inches [215 × 315 mm]), Mexico-Oficio (8.5 × 13.4 inches [216 × 340 mm])
- 8.5 × 13 inches (216 × 330 mm)
- User-defined (3.9 × 5.8 inches to 11.7 × 17.0 inches [100 × 148 mm to 297 × 431.8 mm])
- User-defined (5.8 × 8.3 inches to 11.7 × 17.0 inches [148 × 210 mm to 297 × 431.8 mm])
- User-defined (2.2 × 5.0 inches to 12.95 × 47.2 inches [55 × 127 mm to 329 × 1200 mm])

Paper type	Loading capacity
Plain paper Pre-printed paper Letterhead paper Colored paper Recycled paper Thin paper (14 to 16 lb [52 to 59 g/m ²])	Up to the line indicated by the triangle symbol on the edge guide (100 sheets)
Epson Bright White Premium Paper Epson Bright White Pro Paper Epson Multipurpose Plus Paper	85 sheets: Letter (8.5 × 11 inches [216 × 279 mm])
Envelopes	10

Parent topic: [Loading Paper](#)

Related references
[Paper Specifications](#)

Double-sided Printing Paper Types

You can print double-sided on the following papers:

- Plain paper
- Pre-printed paper
- Letterhead paper
- Colored paper
- Recycled paper
- High quality plain paper
- Thick paper 25 to 68 lb (91 to 256 g/m²)
- Epson Bright White Premium Paper
- Epson Bright White Pro Paper

- Epson Multipurpose Plus Paper

Note: You can print double-sided on any supported sizes except the following:

- 13 × 19 inches (330 × 483 mm)
- Half Letter (5.5 × 8.5 inches [140 × 216 mm])
- A6 (4.1 × 5.8 inches [105 × 148 mm])
- B6 (5 × 7.2 inches [128 × 182 mm])

To print double-sided with a user-defined size, the dimensions of the paper must have a width between 5.8 and 8.27 inches (148 to 210 mm) and a length between 11.7 and 17.0 inches (297 to 431.8 mm).

Parent topic: [Loading Paper](#)

Related tasks

[Selecting Double-sided Printing Settings - Windows](#)

[Selecting Double-sided Printing Settings - Mac](#)

Compatible Epson Papers

You can purchase genuine Epson ink, maintenance boxes, and paper at epson.com (U.S. sales), epson.ca (Canadian sales), or latin.epson.com (Latin American sales). You can also purchase supplies from an Epson authorized reseller. To find the nearest one, call 800-GO-EPSON (800-463-7766) in the U.S. or 800-807-7766 in Canada.

Note: Paper/media availability varies by country.

Paper Type	Size	Part number	Sheet count
Epson Bright White Pro Paper	Letter (8.5 × 11 inches [216 × 279 mm])	S041586	500

Paper Type	Size	Part number	Sheet count
Epson Presentation Paper Matte	Legal (8.5 × 14 inches [216 × 356 mm])	S041067	100
	Letter (8.5 × 11 inches [216 × 279 mm])	S041062	100
	A3 (11.7 × 16.5 inches [297 × 420 mm])	S041069-L	100
	11 × 17 inches (279 × 432 mm)	S041070	100
Epson Premium Presentation Paper Matte	8 × 10 inches (203 × 254 mm)	S041467	50
	Letter (8.5 × 11 inches [216 × 279 mm])	S041257	50
		S042180	100
	13 × 19 inches (330 × 483 mm)	S041263	50
A3 (11.7 × 16.5 inches [297 × 420 mm])	S041260	50	
Epson Photo Paper Glossy	4 × 6 inches (102 × 152 mm)	S041809	50
		S042038	100
	Letter (8.5 × 11 inches [216 × 279 mm])	S041141	20
		S041649	50
		S041271	100
	A4 (8.3 × 11.7 inches [210 × 297 mm])	S041140	20
11 × 17 inches (279 × 432 mm)	S041156	20	
13 × 19 inches (330 × 483 mm)	S041143	20	

Paper Type	Size	Part number	Sheet count
Epson Premium Photo Paper Glossy	4 × 6 inches (102 × 152 mm)	S041727	100
	5 × 7 inches (127 × 178 mm)	S041464	20
	8 × 10 inches (203 × 254 mm)	S041465	20
	Letter (8.5 × 11 inches [216 × 279 mm])	S042183	25
		S041667	50
	11 × 17 inches (279 × 432 mm)	S041290	20
	A3 (11.7 × 16.5 inches [297 × 420 mm])	S041288	20
13 × 19 inches (330 × 483 mm)	S041289	20	
Epson Ultra Premium Photo Paper Glossy	4 × 6 inches (102 × 152 mm)	S042181	60
		S042174	100
	5 × 7 inches (127 × 178 mm)	S041945	20
	8 × 10 inches (203 × 254 mm)	S041946	20
	Letter (8.5 × 11 inches [216 × 279 mm])	S042182	25
S042175		50	
Epson Premium Photo Paper Semi-gloss	4 × 6 inches (102 × 152 mm)	S041982	40
	Letter (8.5 × 11 inches [216 × 279 mm])	S041331	20
	13 × 19 inches (330 × 483 mm)	S041327	20

Parent topic: [Loading Paper](#)

Paper or Media Type Settings - Printing Software


For this paper	Select this Paper Type or Media Type setting
Plain paper Epson Bright White Premium Paper Epson Bright White Pro Paper Epson Multipurpose Plus Paper	Plain Paper / Bright White Paper
Letterhead paper	Letterhead
Recycled paper	Recycled
Colored paper	Color
Pre-printed paper	Preprinted
High-quality plain paper	High Quality Plain Paper
Envelopes	Envelope
Epson Ultra Premium Photo Paper Glossy	Ultra Premium Photo Paper Glossy
Epson Premium Photo Paper Glossy	Premium Photo Paper Glossy
Epson Photo Paper Glossy	Photo Paper Glossy
Epson Premium Photo Paper Semi-gloss	Premium Photo Paper Semi-Gloss
Epson Presentation Paper Matte Epson Premium Presentation Paper Matte	Premium Presentation Paper Matte
Thick paper (25 to 40 lb [91 to 150 g/m ²])	Card Stock 1
Thick paper (41 to 53 lb [151 to 200 g/m ²])	Card Stock 2
Thick paper (54 to 68 lb [201 to 256 g/m ²])	Card Stock 3

Parent topic: [Loading Paper](#)

Selecting the Paper Settings for Each Source - Control Panel

You can change the default paper size and paper type for each source using the control panel on the product.

1. Press the  **Paper Setting** button.

2. Select the paper source you want to select settings for, based on the letter labeling the source on your product.
3. Select **Paper Size**.
4. Select the paper size you loaded.
5. Select **Paper Type**.
6. Select the paper type for the paper you loaded.
7. Select the back arrow to select another paper source or press the  home button to exit.

[Paper Type Settings - Control Panel](#)

Parent topic: [Loading Paper](#)

Paper Type Settings - Control Panel

Select a **Paper Type** setting that matches the paper you loaded.

Paper type loaded	Paper Type setting
Plain paper Epson Bright White Premium Paper Epson Bright White Pro Paper Epson Multipurpose Plus Paper	Plain Paper
Letterhead paper	Letterhead
Recycled paper	Recycled
Colored paper	Color
Pre-printed paper	Preprinted
High-quality plain paper	High Quality Plain Paper
Envelopes	Envelope
Epson Ultra Premium Photo Paper Glossy	Ultra Glossy
Epson Premium Photo Paper Glossy	Prem. Glossy
Epson Photo Paper Glossy	Glossy
Epson Premium Photo Paper Semi-gloss	Prem. Semi-Gloss

Paper type loaded	Paper Type setting
Epson Presentation Paper Matte Epson Premium Presentation Paper Matte	Prem. Matte
Thick paper up to 25 to 40 lb (91 to 150 g/m ²)	Card Stock 1
Thick paper up to 41 to 53 lb (151 to 200 g/m ²)	Card Stock 2
Thick paper up to 54 to 68 lb (201 to 256 g/m ²)	Card Stock 3

Parent topic: [Selecting the Paper Settings for Each Source - Control Panel](#)

Selecting Default Paper Settings - Administrator

As an administrator, you can adjust default paper settings that apply to all print jobs sent to the product.

Note: These settings can be locked by an administrator. If you cannot access these settings, contact your administrator for assistance.

[Selecting the Default Printer Settings](#)


[Selecting the Universal Print Settings](#)


Parent topic: [Loading Paper](#)

Selecting the Default Printer Settings

You can change default printer settings using the control panel on the product.

Note: These settings can be locked by an administrator. If you cannot access these settings, contact your administrator for assistance.

1. Press the  home button, if necessary.
2. Select **Settings**.
3. Select **General Settings**.
4. Select **Printer Settings**.
5. Select one of these options for the **Auto Error Solver** setting:
 - Turn on this setting to display a warning and print single-sided when a 2-sided printing error occurs, or to print only what the printer could process when a full memory error occurs.

- Turn off this setting to display an error message and stop printing if an error occurs.
6. Select **Paper Source Settings**.
 7. Select the Paper Source Settings options you want to use.
 8. When you are finished, press the  home button to exit.

[Paper Source Settings Options](#)

Parent topic: [Selecting Default Paper Settings - Administrator](#)

Paper Source Settings Options

Select the paper source options you want to use for your print jobs.



Paper Source Settings option	Available settings	Description
Paper Setting	Various	Select the paper size and type for each paper source
A4/Letter Auto Switching	On	Select On to switch the selected paper size to match the loaded paper (Letter or A4) if the wrong size is selected
	Off	
Auto Select Settings	Available paper sources	Select On for any of these settings to automatically print on paper from any source containing paper that matches your paper settings Note: More than one paper source needs to be set to On .
Error Notice	Paper Size Notice	Select On for either of these settings to display an error message when the selected paper type or size does not match the loaded paper
	Paper Type Notice	
Paper Setup Auto Display	On	Select On to automatically display a menu that lets you select the paper size and type when you load paper in the product
	Off	
User-Defined Paper Size List	Various	Enter a user-defined paper size setting

Parent topic: [Selecting the Default Printer Settings](#)

Selecting the Universal Print Settings

You can change the default universal print settings using the control panel on the product.

Note: These settings can be locked by an administrator. If you cannot access these settings, contact your administrator for assistance.

1. Press the  home button, if necessary.
2. Select **Settings > General Settings > Printer Settings > Universal Print Settings**.
3. Adjust the settings as necessary.
4. When you are finished, press the  home button to exit.

[Universal Print Settings Options](#)

Parent topic: [Selecting Default Paper Settings - Administrator](#)

Universal Print Settings Options

Select the universal print setting options you want to use for your print jobs.

Universal Print Settings option	Available settings	Description
Top Offset	—	Adjust the top or left margin
Left Offset		
Top Offset in Back	—	Adjust the top or left margin of the back page when printing double-sided
Left Offset in Back		
Check Paper Width	On	Select On to check the paper width before printing. This prevents printing beyond the edges of the paper when the paper size settings are incorrect, but may reduce the printing speed.
	Off	
Skip Blank Page	On	Select On to skip printing of blank pages automatically
	Off	
Color Correction	On	Select On to adjust settings such as brightness, contrast, saturation, and more
	Off	

Parent topic: [Selecting the Universal Print Settings](#)

Printing from a Computer

Before printing from your computer, make sure you have set up your product and installed its software from the Epson website.

Note: If you have an Internet connection, it is a good idea to check for updates to your product software on Epson's support website. If you see a Software Update screen, select **Enable automatic checking** and click **OK**. The update scans your system to see if you have the latest product software. Follow the on-screen instructions.

[Printing with the Standard Epson Printer Software - Windows](#)

[Printing with the Epson Standard Printer Software - Mac](#)

[Printing with the Epson Universal Print Driver - Windows](#)

[Printing with the PostScript \(PS3\) Printer Software - Windows](#)

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[Printing from a Smartphone or Tablet](#)

[Cancelling Printing Using a Product Button](#)

Printing with the Standard Epson Printer Software - Windows

You can print with the standard Epson printer software using any Windows printing program, as described in these sections.

Note: If you are using your Epson product with the Windows 10 S operating system, you cannot use the software described in this section. You also cannot download and install any Epson product software from the Epson website for use with Windows 10 S; you must obtain software only from the Windows Store.

[Selecting Basic Print Settings - Windows](#)

[Selecting Double-sided Printing Settings - Windows](#)

[Selecting Additional Layout and Print Options - Windows](#)

[Selecting a Printing Preset - Windows](#)

[Selecting Extended Settings - Windows](#)

[Printing Your Document or Photo - Windows](#)

[Locking Printer Settings - Windows](#)

[Entering a User ID and Password for Printing](#)

[Selecting Default Print Settings - Windows](#)

[Changing Automatic Update Options](#)

Parent topic: [Printing from a Computer](#)

Selecting Basic Print Settings - Windows

Select the basic settings for the document or photo you want to print.

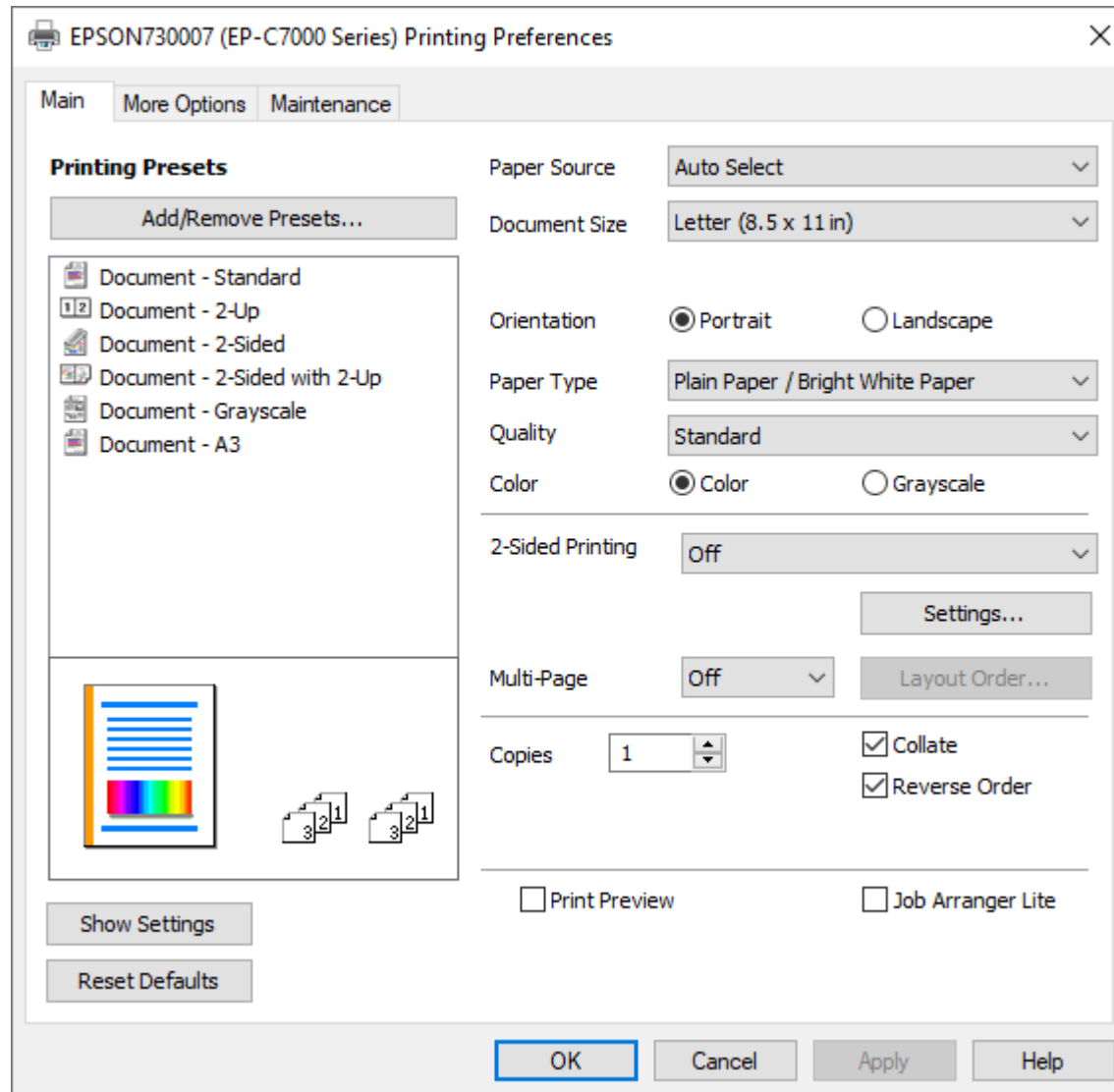
1. Open a photo or document for printing.
2. Select the print command in your application.

Note: You may need to select a print icon on your screen, the **Print** option in the **File** menu, or another command. See your application's help utility for details.

3. If necessary, select your product name as the printer you want to use.

Note: You may also need to select **More settings**, **Properties**, or **Preferences** to view your print settings.

You see the **Main** tab of your printer settings window:



4. For the **Paper Source** setting, select where you loaded the paper you want to print on. Select **Auto Select** to automatically select the paper source in the paper setting menu on the product.

5. Select the size of your document or photo as the **Document Size** setting.
6. Select the orientation of your document.

Note: If you are printing an envelope, select **Landscape**.

7. Select the type of paper you loaded as the **Paper Type** setting. Select **Auto Select (plain paper)** to automatically use the paper type selected on the product control panel.

Note: The setting may not exactly match the name of your paper. Check the paper type settings list for details.

8. Select the **Quality** setting that matches the print quality you want to use.
9. Select a **Color** option:
 - To print a color document or photo, select the **Color** setting.
 - To print text and graphics in black or shades of gray, select the **Black/Grayscale** setting.
10. To print on both sides of the paper, select a **2-Sided Printing** option and click **Settings** to select printing options.
11. To print multiple pages on one sheet of paper, or print one image on multiple sheets of paper, select one of the **Multi-Page** options and click **Layout Order** to select the printing options.
12. To print multiple copies and arrange their print order, select the **Copies**, **Reverse Order**, and **Collate** options.
13. To preview your job before printing, select the **Print Preview** checkbox.

[Paper Source Options - Windows](#)

[Print Quality Options - Windows](#)

[Multi-Page Printing Options - Windows](#)

Parent topic: [Printing with the Standard Epson Printer Software - Windows](#)

Paper Source Options - Windows

You can select any of the available options in the Paper Source menu to print on the paper loaded in that source.

Note: **Paper Cassette 2** through **Paper Cassette 4** are available only if you have installed the optional cassettes.

Auto Select

Automatically selects the paper source based on the selected paper size.

Paper Cassette 1

Selects the paper in cassette 1 as the paper source.

Paper Cassette 2

Selects the paper in cassette 2 as the paper source.

Paper Cassette 3

Selects the paper in cassette 3 as the paper source.

Paper Cassette 4

Selects the paper in cassette 4 as the paper source.

Rear Paper Feed Slot

Selects the paper in the rear feed slot as the paper source.

Parent topic: [Selecting Basic Print Settings - Windows](#)

Print Quality Options - Windows

You can select any of the available Quality options to fine-tune the quality of your print. Some settings may be unavailable, depending on the paper type and border setting you have chosen.

Standard

For everyday text and image printing.

High

For photos and graphics with high print quality.

More Settings

Opens a window that lets you choose among levels of speed and quality.

Parent topic: [Selecting Basic Print Settings - Windows](#)

Multi-Page Printing Options - Windows

You can select any of the available options in the Multi-Page menu to set up your multi-page print job.

2-Up, 4-Up, 6-Up, 8-Up, 9-Up, and 16-Up

Prints several pages on one sheet of paper. Click the **Layout Order** button to select page layout and border options.

2×1 Poster, 2×2 Poster, 3×3 Poster, 4×4 Poster

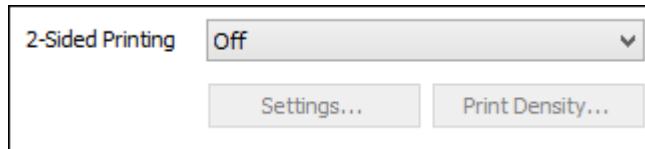
Prints one image on multiple sheets of paper to create a larger poster. Click the **Settings** button to select image layout and guideline options.

Parent topic: [Selecting Basic Print Settings - Windows](#)

Selecting Double-sided Printing Settings - Windows

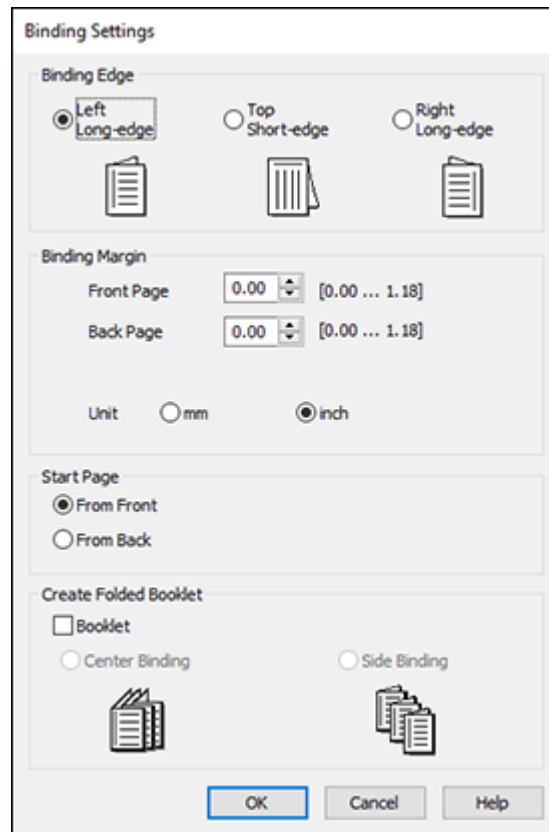
You can print on both sides of the paper by selecting one of the 2-Sided Printing options on the Main tab.

Note: Some options may be pre-selected or unavailable, depending on other settings you have chosen or if you are accessing the product over a network.



1. Select one of the following options for **2-Sided Printing**:
 - **Auto (Long-edge binding)** to print your double-sided print job by automatically flipping the paper on the long edge.
 - **Auto (Short-edge binding)** to print your double-sided print job by automatically flipping the paper on the short edge.
2. Click the **Settings** button.

You see a window like this:



3. Select the double-sided printing options you want to use.
4. Click **OK** to return to the Main tab.
5. Click the **Print Density** button.

You see this window:

6. Select the type of document you are printing as the Document Type setting. The software automatically sets the Adjustments options for that document type.
7. Click **OK** to return to the Main tab.
8. Print a test copy of your double-sided document to test the selected settings.

9. Follow any instructions displayed on the screen during printing.

[Double-sided Printing Options - Windows](#)

[Print Density Adjustments - Windows](#)

Parent topic: [Printing with the Standard Epson Printer Software - Windows](#)

Related references

[Double-sided Printing Paper Types](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

Double-sided Printing Options - Windows

You can select any of the available options on the Binding Settings window to set up your double-sided print job.

Binding Edge Options

Select a setting that orients double-sided print binding in the desired direction.

Binding Margin Options

Select options that define a wider margin to allow for binding.

Start Page

Selects whether printing starts on the front or back page.

Create Folded Booklet Options

Select the **Booklet** checkbox and a binding option to print double-sided pages as a booklet.

Parent topic: [Selecting Double-sided Printing Settings - Windows](#)

Print Density Adjustments - Windows

You can select any of the available options on the Print Density Adjustment window to adjust the print quality of your double-sided print job.

Print Density

Sets the level of ink coverage for double-sided printing.

Increase Ink Drying Time

Sets the amount of time required for drying ink after printing on one side of the paper before printing the other side in double-sided printing to prevent ink smearing.

Parent topic: [Selecting Double-sided Printing Settings - Windows](#)

Selecting Additional Layout and Print Options - Windows

You can select a variety of additional layout and printing options for your document or photo on the **More Options** tab.

1. To change the size of your printed document or photo, select the **Reduce/Enlarge Document** checkbox and select one of these sizing options:
 - Select the **Fit to Page** option to size your image to fit the paper you loaded. Select the size of your document or photo as the Document Size setting, and the size of your paper as the Output Paper setting. If you want to center your image on the paper, select the **Center** option.
 - Select the **Zoom to** option to reduce or enlarge your document or photo by a specific percentage. Select the percentage in the % menu.
2. Select one of the following Color Correction options:
 - Select **Automatic** to automatically adjust the sharpness, brightness, contrast, and color saturation for your image.
 - Select **Custom** and click the **Advanced** button to manually adjust the color correction settings or turn off color management in your printer software.
 - Select **Image Options** to access additional settings for improving printed images.

Note: You can also select **Color Universal Print** settings.

3. To add the following features, click the **Watermark Features** button:
 - **Anti-Copy Pattern:** adds a watermark that only appears when your printout is copied

Note: This setting is not available for all types of printing. Click the **Add/Delete** button to create your own pattern, and click the **Settings** button to customize the pattern.
 - **Watermark:** adds a visible watermark to your printout

Note: Click the **Add/Delete** button to create your own watermark, and click the **Settings** button to customize the watermark.
 - **Header/Footer:** adds information such as the date and time to the top or bottom of your printout

Note: Click the **Settings** button to customize the text and location of the header or footer.

4. To add a password to your print job, select the **Confidential Job** checkbox, then enter a password. Confidential jobs are stored in the product's memory without being printed. To print the job, enter the password for the confidential job on the product's control panel.

Note: Confidential print jobs are cleared from the product's memory after printing.

5. Select any of the Additional Settings options to customize your print.

[Custom Color Correction Options - Windows](#)

[Image Options and Additional Settings - Windows](#)

[Header/Footer Settings - Windows](#)

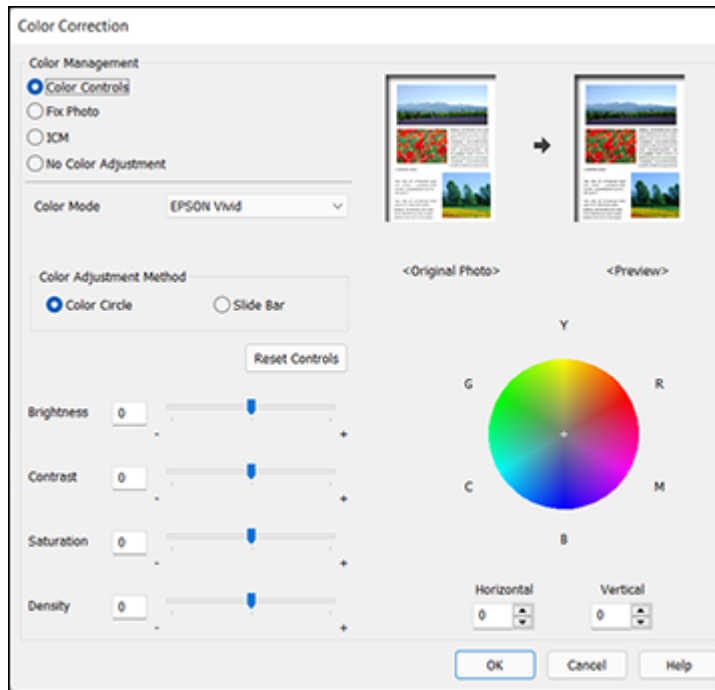
Parent topic: [Printing with the Standard Epson Printer Software - Windows](#)

Related tasks

[Printing Your Document or Photo - Windows](#)

Custom Color Correction Options - Windows

You can select any of the available options in the Color Correction window to customize the image colors for your print job.



Color Controls

Lets you select a **Color Mode** setting, individual settings for **Brightness**, **Contrast**, **Saturation**, and **Density**, and individual color tones. Depending on the selected color mode, you can also adjust the midtone density using the **Gamma** setting.

Fix Photo

Improves the color, contrast, and sharpness of flawed photos.

Note: Fix Photo uses a sophisticated face recognition technology to optimize photos that include faces. For this to work, both eyes and the nose must be visible in the subject's face. If your photo includes a face with an intentional color cast, such as a statue, you may want to turn off **Fix Photo** to retain the special color effects.

ICM

Lets you manage color using installed color printing profiles.

No Color Adjustment

Turns off color management in your printer software so you can manage color using only your application software.

Parent topic: [Selecting Additional Layout and Print Options - Windows](#)

Image Options and Additional Settings - Windows

You can select any of the Image Options and Additional Settings to customize your print. Some options may be pre-selected or unavailable, depending on other settings you have chosen.

Image Options**Emphasize Text**

Adjusts the weight of printed text to increase readability.

Emphasize Thin Lines

Adjusts the weight of printed lines to increase visibility.

Edge Smoothing

Smooths jagged edges in low-resolution images such as screen captures or images from the Web.

Fix Red-Eye

Reduces or removes red-eye in photos.

Print Text in Black

Prints colored text in black.

For Color Text

Prints colored text on a background pattern or underlined.

For Color Graphs and Images

Prints colored graphics and images with overlay patterns.

For Color Text, Graphs, and Images

Prints colored text, graphics, and images with overlay patterns.

Enhancement Options

Specifies Color Universal Print enhancement settings for text, graphics, and images.

Additional Settings Options**Rotate 180°**

Prints the image rotated 180° from its original orientation.

Bidirectional Printing

Prints in both directions (right-to-left and left-to-right), speeding up printing, but may reduce print quality.

Mirror Image

Flips the printed image left to right.

Quiet Mode

Lessens noise during printing but may decrease print speed.

Parent topic: [Selecting Additional Layout and Print Options - Windows](#)

Header/Footer Settings - Windows

You can select any of the Header/Footer Settings options to add headers or footers when you print. The items are available to print at the top or bottom of your pages, in either the left, right, or center of the page.

Note: These settings are not saved with your document.

Header/Footer Settings

Top Left	Top Center	Top Right
User Name	None	Date/Time
Bottom Left	Bottom Center	Bottom Right
None	None	None

Starting number: 1

Start printing on page: 1

Text:

Color: Black

Font: Arial

Size: 11 pt [6 ... 72]

Style: Bold, Italic

Reset Defaults OK Cancel Help

You can select to print the following information:

- User Name
- Computer Name
- Date
- Date/Time
- Document Name
- Collate Number

- Page Number

Note: To specify the first page number, select **Page Number** from the position you want to print in the header or footer, then select the number in Starting number.

- Text

You can also adjust the text settings for the printed information.

Note: The user name, computer name, date, and time come from the Windows Control Panel on your computer.

Parent topic: [Selecting Additional Layout and Print Options - Windows](#)

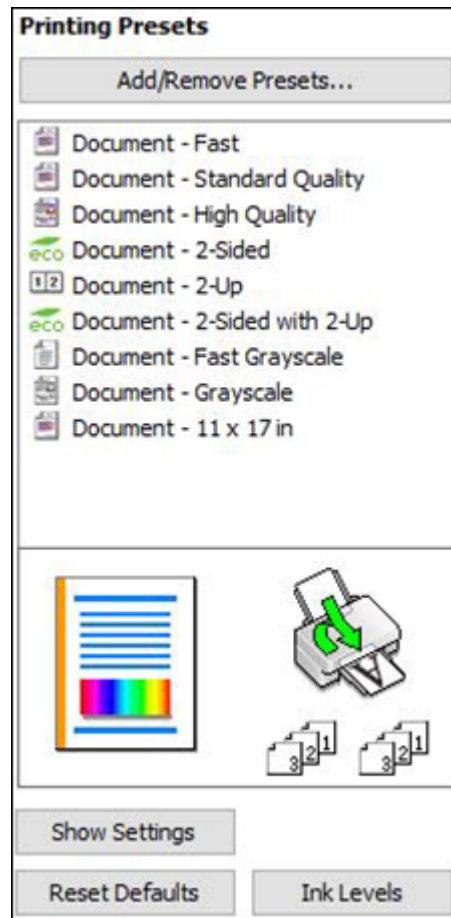
Selecting a Printing Preset - Windows

For quick access to common groups of print settings, you can select a printing preset on the **Main** or **More Options** tab.

Note: You can create your own preset by clicking the **Add/Remove Presets** button.

1. Click the **Main** or **More Options** tab.

You see the available **Printing Presets** on the left:





2. Place your cursor over one of the **Printing Presets** to view its list of settings.
3. Click on a preset to change its settings or delete it, or use any of the available options on the screen to control your printing presets.
4. To choose a preset for printing, select it.
5. Click **OK**.

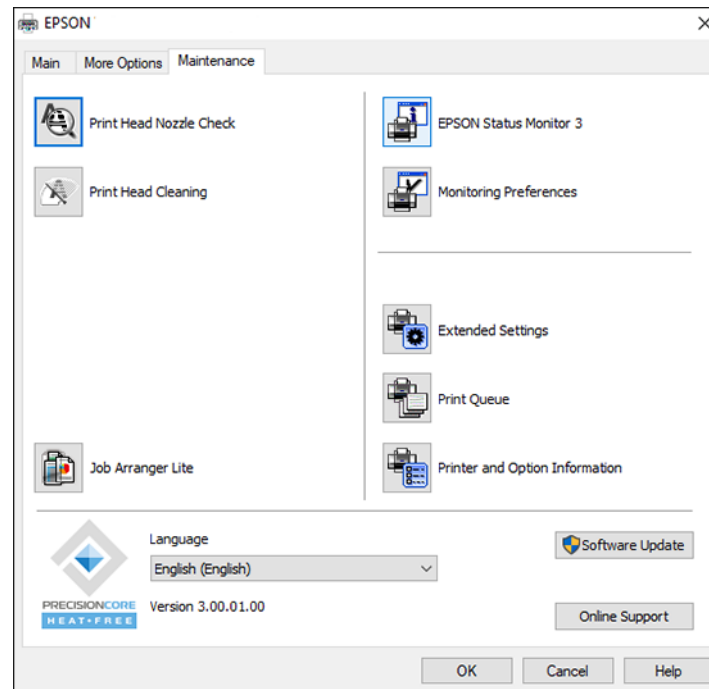
Parent topic: [Printing with the Standard Epson Printer Software - Windows](#)

Selecting Extended Settings - Windows

You can select additional settings that apply to all the print jobs you send to your product.

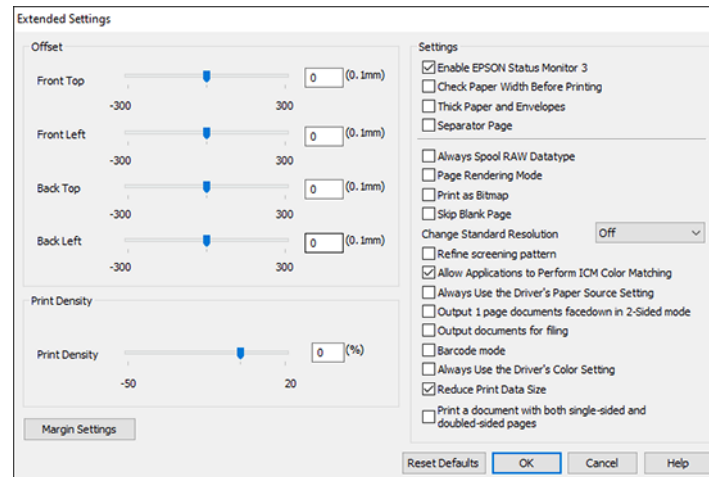
1. Access the Windows Desktop and right-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .
2. Select **Printer Settings**.
3. Click the **Maintenance** tab.

You see the maintenance options:



4. Click the **Extended Settings** button.

You see this window:



5. Select any of the extended settings to customize your print.
6. Click **OK** to close the Extended Settings window.
7. Click **OK** to close the printer software window.

[Extended Settings - Windows](#)

Parent topic: [Printing with the Standard Epson Printer Software - Windows](#)

Extended Settings - Windows

You can select these settings on the Extended Settings window.

Enable EPSON Status Monitor 3

Enables product monitoring for ink and paper supplies and other issues.

Check Paper Width Before Printing

Prevents printing beyond the edges of the paper if the paper size setting is incorrect; may reduce print speed.

Thick Paper and Envelopes

Prevents ink from smearing when you print on envelopes or other thick paper.

Short Grain Paper

Prevents ink from smearing when you print on envelopes or other thick paper, and the **Thick Paper** setting does not help.

Separator Page

Before each document, prints a separator page containing the title, user, date, and time.

Always Spool RAW Datatype

Increases print speed and may solve other printing problems.

Page Rendering Mode

Increases print speed when printing is extremely slow or the print head stops during printing.

Print as Bitmap

Increases print speed when printing is extremely slow or the print head stops during printing, and other settings do not help.

Skip Blank Page

Ensures that your product does not print pages that contain no text or images.

Change Standard Resolution

Reduces the resolution of print data to correct printing problems.

Refine screening pattern

Prints graphics with a finer screening pattern.

Allow Applications to Perform ICM Color Matching

Allows applications to perform ICM color matching.

Always Use the Driver's Paper Source Setting

Prints using the paper source setting in the printer driver, rather than the setting in your application.

Output 1 page documents facedown in 2-Sided mode

Outputs single-sided pages in a 2-sided print job facedown instead of faceup.

Output documents for filing

Outputs all landscape, portrait, 1-sided, and 2-sided documents in the same orientation for easier filing.

Barcode mode

Reduces bleeding when printing barcodes on plain paper, letterhead paper, recycled paper, preprinted paper, envelopes, and thick paper.

Always Use the Driver's Color Setting

Prioritizes color settings from the printer driver software.

Reduce Print Data Size

Increases print data compression to improve print speed. Not recommended when printing fine patterns.

Print a document with both single-sided and double-sided pages

Prints an entire document that contains both single- and double-sided pages.

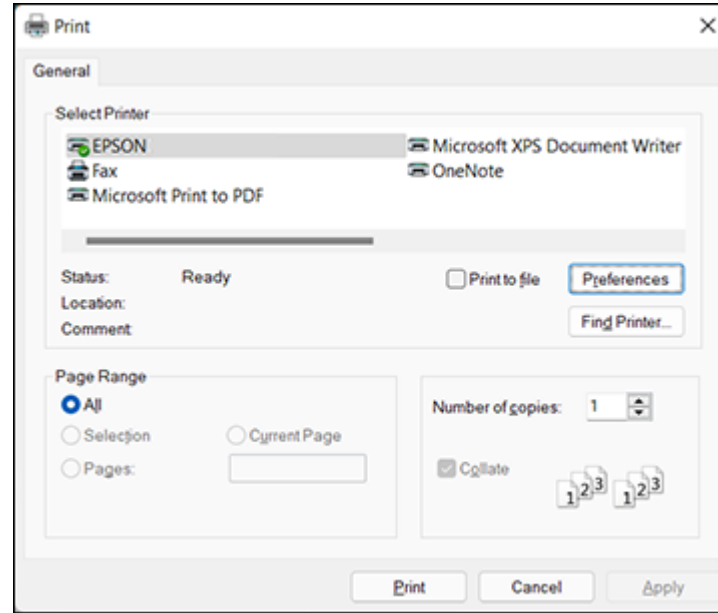
Parent topic: [Selecting Extended Settings - Windows](#)

Printing Your Document or Photo - Windows

Once you have selected your print settings, you are ready to save your settings and print.

1. Click **OK** to save your settings.

You see your application's Print window, such as this one:




2. Click **OK** or **Print** to start printing.




Parent topic: [Printing with the Standard Epson Printer Software - Windows](#)

Locking Printer Settings - Windows

Windows administrators can lock access to some printer settings to prevent unauthorized changes.

1. Do one of the following:

- **Windows 11:** Click , search for **Settings** and select it. Select **Bluetooth & devices > Printers & scanners**. Select your product name and select **Printer properties**.

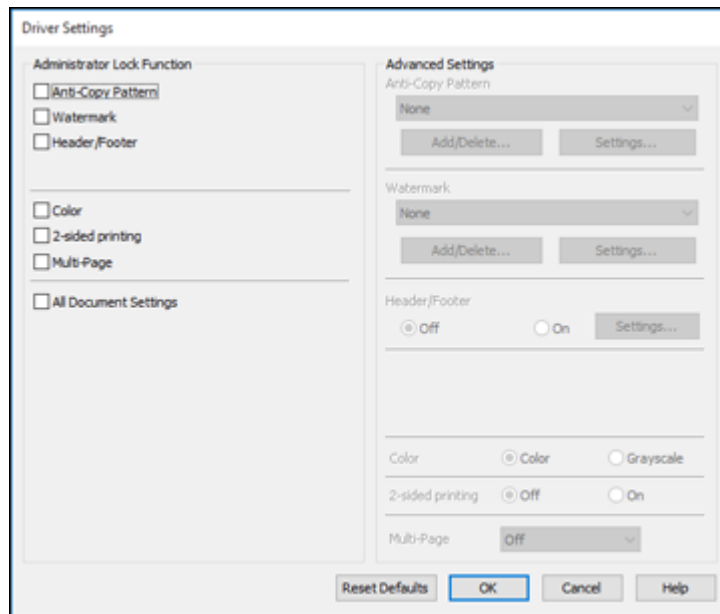
- **Windows 10:** Click  and select  (Settings) > **Devices** > **Printers & scanners**. Select your product name and select **Manage** > **Printer properties**.
- **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel** > **Hardware and Sound** > **Devices and Printers**. Right-click your product and select **Printer properties**.
- **Windows 7:** Click  and select **Devices and Printers**. Right-click your product and select **Printer properties**.

2. Click the **Optional Settings** tab.

Note: You can prevent access to the **Optional Settings** tab by changing the user or group permissions in the **Security** tab.

3. Click **Driver Settings**.

You see a window like this:



4. Select the checkbox for each setting you want to lock. To lock all print settings, select **All Document Settings**.

5. Under **Advanced Settings**, select the setting option you want to use for each locked setting.
6. Click **OK**.

[Locked Setting Options](#)

Parent topic: [Printing with the Standard Epson Printer Software - Windows](#)

Locked Setting Options

Select the options you want to use for any locked print settings.



Setting	Options	Description
Anti-Copy Pattern	Various data items	Lets you select the data to use for the pattern or prohibit anti-copy patterns
	Add/Delete	Lets you add or delete a customized anti-copy pattern
	Settings	Lets you select the arrangement, size, and other settings for the custom anti-copy pattern
Watermark	Various text watermarks	Lets you select the text for the watermark or prohibit watermarks
	Add/Delete	Lets you add or delete a customized text or image-based watermark
	Settings	Lets you select the size, position, and other watermark settings
Header/Footer	Off	Prohibits headers or footers
	On	Allows headers and footers
	Settings	Lets you select the text and position for printing headers and footers
Color	Color	Allows color printing
	One-sided printing	Allows printing on one side of the paper only
Multi-Page	Off	Prohibits multi-page settings

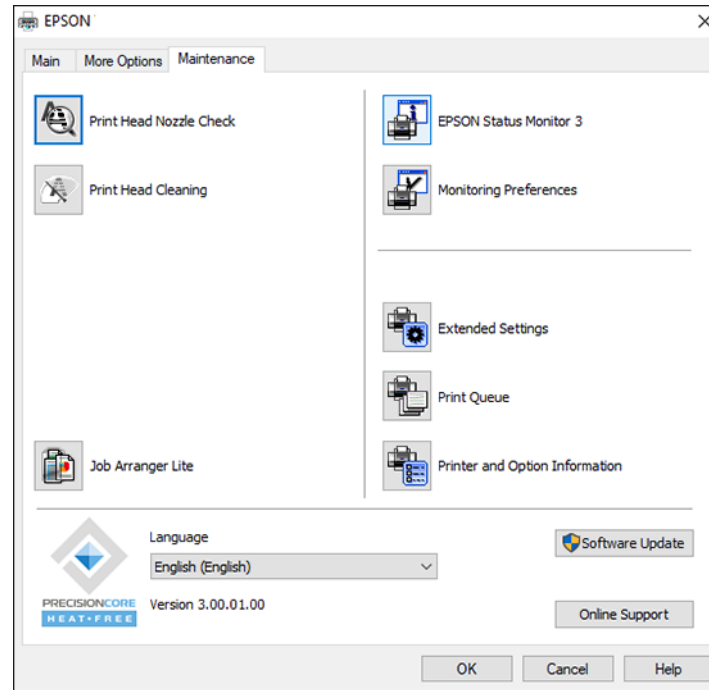
Parent topic: [Locking Printer Settings - Windows](#)

Entering a User ID and Password for Printing

If you enabled Access Control on the product, you must enter a user ID and password in the printer driver to be able to print.

Note: If you do not know the user ID or password, contact your administrator for assistance.

1. Access the Windows Desktop and right-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click . Select **Printer Settings** and click the **Maintenance** tab.





2. Click the **Printer and Option Information** button.
3. Select the **Save Access Control settings** checkbox.
4. Click the **Settings** button.
5. Enter your user name and password.
6. Click **OK**.

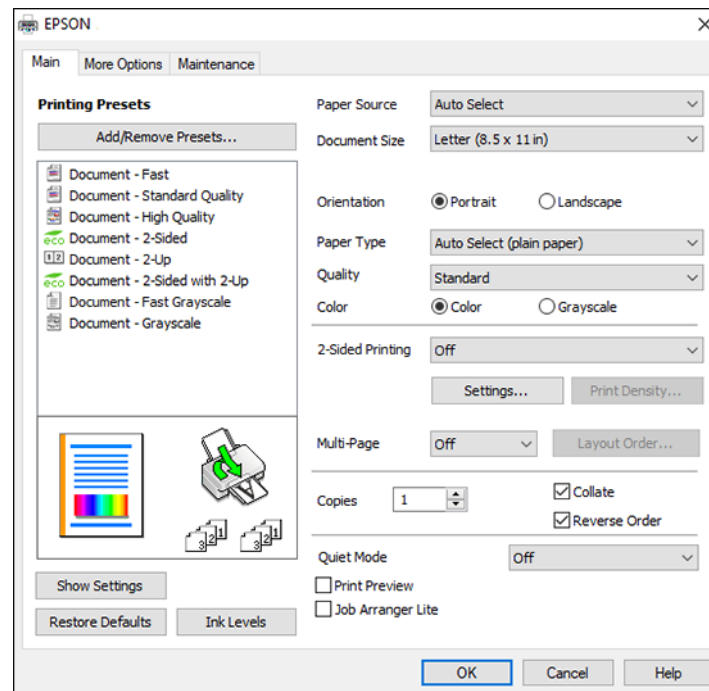
Parent topic: [Printing with the Standard Epson Printer Software - Windows](#)

Selecting Default Print Settings - Windows

When you change your print settings in a program, the changes apply only while you are printing in that program session. If you want to change the print settings you use in all your Windows programs, you can select new default print settings.

1. Access the Windows Desktop and right-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .
2. Select **Printer Settings**.

You see the printer settings window:



3. Select the print settings you want to use as defaults in all your Windows programs.
4. Click **OK**.



These settings are now the defaults selected for printing. You can still change them as needed for printing in any program session.

Changing the Language of the Printer Software Screens

Parent topic: [Printing with the Standard Epson Printer Software - Windows](#)

Changing the Language of the Printer Software Screens

You can change the language used on the Windows printer software screens.

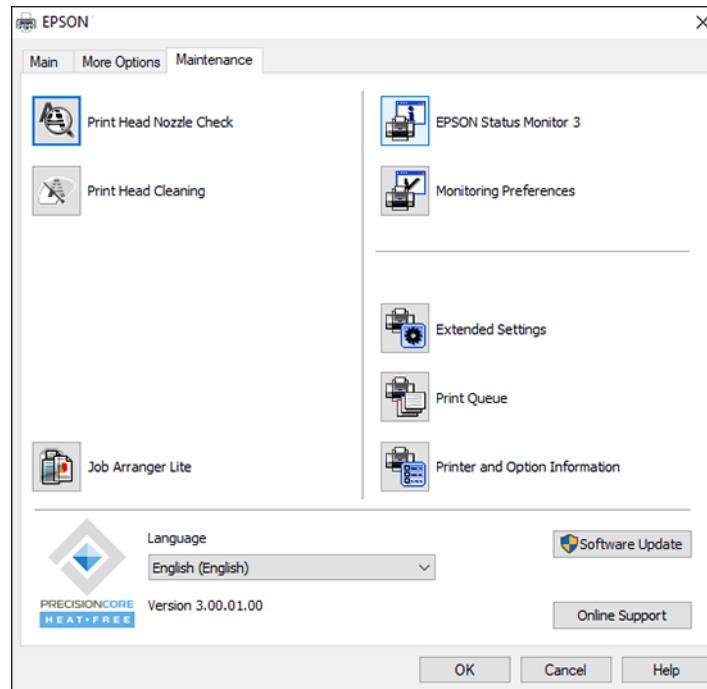
1. Access the Windows Desktop and right-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .

2. Select **Printer Settings**.

You see the printer settings window.

3. Click the **Maintenance** tab.

You see the maintenance options:



4. Select the language you want to use as the **Language** setting.



5. Click **OK** to close the printer software window.

The printer software screens appear in the language you selected the next time you access them.

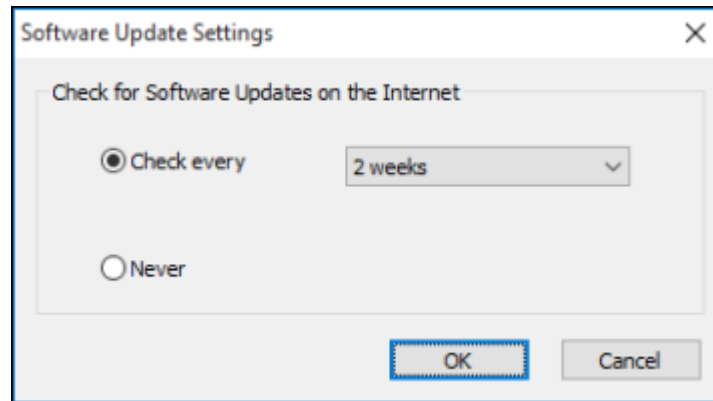
Parent topic: [Selecting Default Print Settings - Windows](#)

Changing Automatic Update Options

Your printer software for Windows automatically checks for updates to the product software. You can change how often the software checks for updates or disable this feature.

1. Access the Windows Desktop and right-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .
2. Select **Software Update Settings**.

You see a window like this:



3. Do one of the following:
 - To change how often the software checks for updates, select a setting in the **Check every** menu.
 - To disable the automatic update feature, select the **Never** option.
4. Click **OK** to exit.

Note: If you choose to disable the automatic update feature, you can check for updates manually.

Parent topic: [Printing with the Standard Epson Printer Software - Windows](#)

Printing with the Epson Standard Printer Software - Mac

You can print with your product using any Mac printing program, as described in these sections.

Note: If you have an Internet connection, it is a good idea to check for updates to your product software on Epson's support website.

[Selecting Basic Print Settings - Mac](#)

[Selecting Page Setup Settings - Mac](#)

[Selecting Print Layout Options - Mac](#)

[Selecting Double-sided Printing Settings - Mac](#)

[Managing Color - Mac](#)

[Selecting Printing Preferences - Mac](#)

[Printing Your Document or Photo - Mac](#)

Parent topic: [Printing from a Computer](#)

Related references

[Paper or Media Type Settings - Printing Software](#)

Related tasks

[Selecting Page Setup Settings - Mac](#)

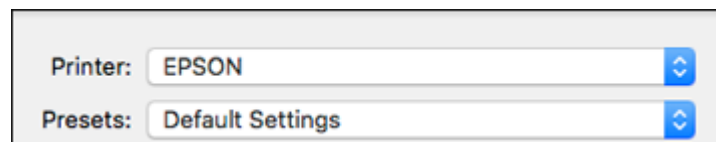
Selecting Basic Print Settings - Mac

Select the basic settings for the document or photo you want to print.

1. Open a photo or document for printing.
2. Select the print command in your application.

Note: You may need to select a print icon on your screen, the **Print** option in the File menu, or another command. See your application's help utility for details.

3. Select your product as the **Printer** setting.



4. If necessary, click the arrow next to the Printer setting or the **Show Details** button to expand the print window.

You see the expanded printer settings window for your product:

The image shows a Mac OS print dialog box with the following settings:

- Printer: EPSON
- Presets: Default Settings
- Copies: 1
- Pages: All, Selected Page in Sidebar, From: 1 to: 1
- Paper Size: US Letter (8.50 by 11.00 inches)
- Orientation: Portrait (selected), Landscape
- Preview: (dropdown menu)
- Auto Rotate, Show Notes
- Scale: 77%, Scale to Fit
- Print Entire Image, Fill Entire Paper
- Copies per page: 1
- Buttons: Cancel, Print

Note: The print window may look different, depending on the Mac OS version and the application you are using.

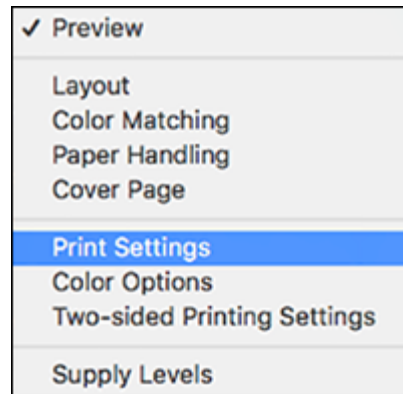
5. Select the **Copies** and **Pages** settings as necessary.

Note: If you do not see these settings in the print window, check for them in your application before printing.

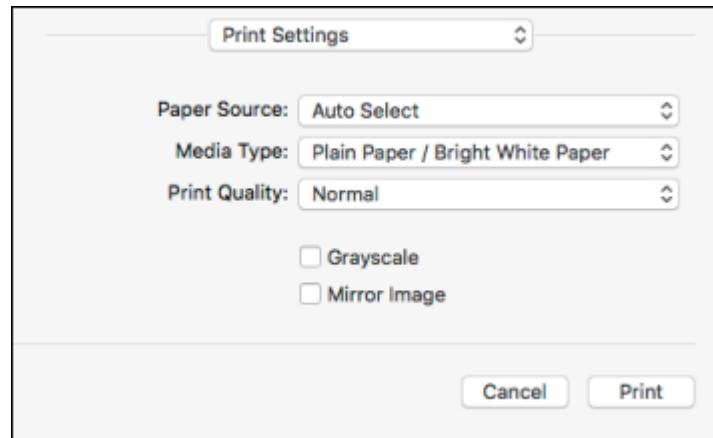
6. Select the page setup options: **Paper Size** and **Orientation**.

Note: If you do not see these settings in the print window, check for them in your application before printing. They may be accessible by selecting **Page Setup** from the File menu.

7. Select any application-specific settings that appear on the screen, such as those shown in the image above for the Preview application.
8. Select **Print Settings** or **Printer Features** from the pop-up menu.



You see these settings:



9. Select the **Paper Source** you wish to print from.
10. Select the type of paper you loaded as the **Media Type** setting.

Note: The setting may not exactly match the name of your paper. Check the paper type settings list for details.

11. Select the **Print Quality** setting you want to use.
12. Select any of the available print options.

[Paper Source Options - Mac](#)

[Print Quality Options - Mac](#)

[Print Options - Mac](#)

Parent topic: [Printing with the Epson Standard Printer Software - Mac](#)

Paper Source Options - Mac

You can select any of the available options in the Paper Source menu to print on the paper loaded in that source.

Auto Select

Automatically selects the paper source based on the selected paper size.

Cassette 1

Selects the paper in cassette 1 as the paper source.

Cassette 2

Selects the paper in cassette 2 as the paper source.

Cassette 3

Selects the paper in cassette 3 as the paper source.

Cassette 4

Selects the paper in cassette 4 as the paper source.

Rear Paper Feed Slot

Selects the paper in the rear feed slot as the paper source.

Parent topic: [Selecting Basic Print Settings - Mac](#)

Print Quality Options - Mac

You can select any of the available Print Quality options to fine-tune the quality of your print. Some settings may be unavailable, depending on the paper type setting you have chosen.

Draft

For draft printing on plain paper.

Normal

For everyday text and image printing.

Fine

For text and graphics with good quality and print speed.

Best Quality

For the best print quality, but the slowest print speed.

Parent topic: [Selecting Basic Print Settings - Mac](#)

Print Options - Mac

You can select any of the print options to customize your print. Some options may be unavailable, depending on other settings you have chosen.

Grayscale

Prints text and graphics in black or shades of gray.

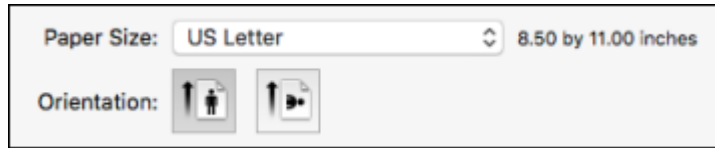
Mirror Image

Lets you flip the printed image horizontally.

Parent topic: [Selecting Basic Print Settings - Mac](#)


Selecting Page Setup Settings - Mac

Depending on your application, you may be able to select the paper size and orientation settings from the print window.



Note: If you do not see these settings in the print window, check for them in your application before printing. They may be accessible by selecting **Page Setup** from the File menu.

1. Select the size of the paper you loaded as the **Paper Size** setting.
2. Select the orientation of your document or photo as shown in the print window.

Note: If you are printing an envelope, select the  icon or **Landscape** setting.

Note: You can reduce or enlarge the size of the printed image by selecting **Paper Handling** from the pop-up menu and selecting a scaling option.

Parent topic: [Printing with the Epson Standard Printer Software - Mac](#)

Selecting Print Layout Options - Mac

You can select a variety of layout options for your document or photo by selecting **Layout** from the pop-up menu on the print window.



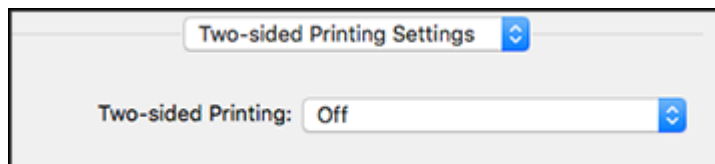
- To print multiple pages on one sheet of paper, select the number of pages in the **Pages per Sheet** pop-up menu. To arrange the print order of the pages, select a **Layout Direction** setting.
- To print borders around each page on the sheet, select a line setting from the **Border** pop-up menu.
- To print on both sides of each page, select a setting from the **Two-Sided** pop-up menu.
- To invert or flip the printed image, select the **Reverse page orientation** or **Flip horizontally** settings.

Parent topic: [Printing with the Epson Standard Printer Software - Mac](#)

Selecting Double-sided Printing Settings - Mac

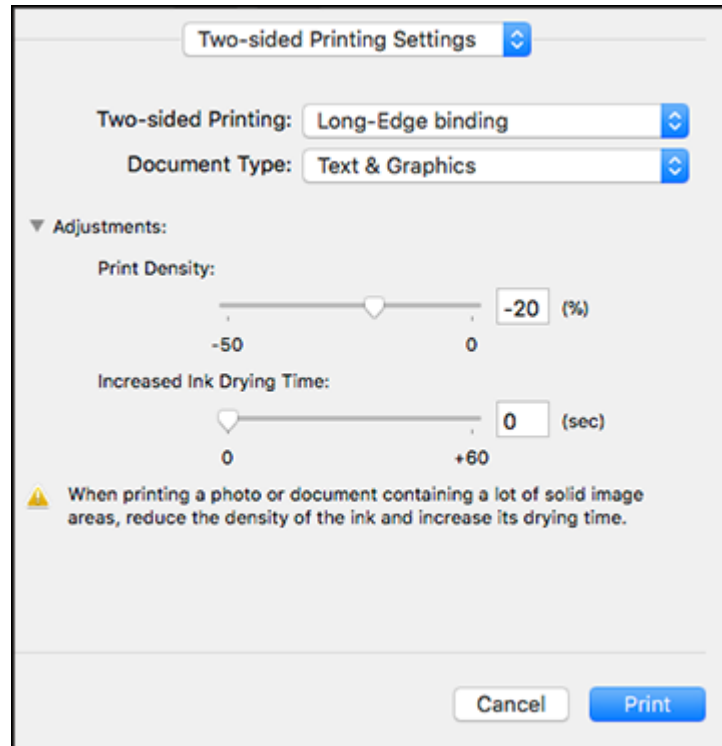
You can print on both sides of the paper by selecting **Two-sided Printing Settings** from the pop-up menu on the print window.

Note: For macOS 13 and later, select **Printer Options** then select **Two-sided Printing Settings**.



Note: Some options may be pre-selected or unavailable, depending on other settings you have chosen or if you are accessing the product over a network. This screen may be different, depending on the Mac OS version you are using.

1. Select one of the **Two-sided Printing** options.
2. Select the type of document you are printing as the **Document Type** setting. The software automatically sets the Adjustments options for that document type.



3. If necessary, customize the Adjustments settings as instructed on the screen.
4. Print a test copy of your double-sided document to test the selected settings.
5. Follow any instructions displayed on the screen during printing.

[Double-sided Printing Options and Adjustments - Mac](#)

Parent topic: [Printing with the Epson Standard Printer Software - Mac](#)

Related references

[Double-sided Printing Paper Types](#)

Double-sided Printing Options and Adjustments - Mac

You can select any of the available options in the **Two-sided Printing Settings** pop-up menu to set up your double-sided print job.

Long-Edge binding

Orients double-sided printed pages to be bound on the long edge of the paper.

Short-Edge binding

Orients double-sided printed pages to be bound on the short edge of the paper.

Print Density

Sets the level of ink coverage for double-sided printing.

Increased Ink Drying Time

Sets the amount of time required for drying ink after printing on one side of the paper before printing the other side in double-sided printing.

Parent topic: [Selecting Double-sided Printing Settings - Mac](#)

Managing Color - Mac

You can adjust the Color Matching and Color Options settings to fine-tune the colors in your printout or turn off color management in your printer software.

1. Select **Color Matching** from the pop-up menu in the print window.

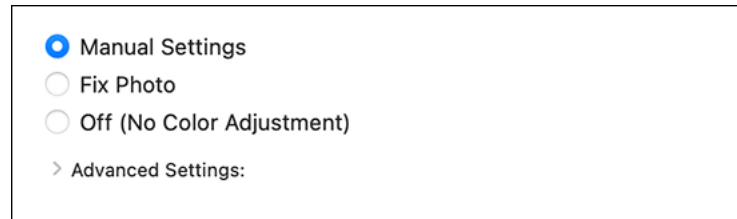
Note: For macOS 13 and later, select **Printer Options** then select **Color Matching**.



2. Select one of the available options.

3. Select **Color Options** from the pop-up menu in the print window.

Note: For macOS 13 and later, select **Printer Options** then select **Color Options**.



Note: The available settings on the Color Options menu depend on the option you selected on the Color Matching menu.

4. Select one of the available options.

[Color Matching and Color Options - Mac](#)

Parent topic: [Printing with the Epson Standard Printer Software - Mac](#)

Color Matching and Color Options - Mac

You can select these settings on the **Color Matching** and **Color Options** menus.

Color Matching Settings

EPSON Color Controls

Lets you manage color using controls in your printer driver or turn off color management.

ColorSync

Prints using standard color profiles for your product and paper to help match image colors. You can customize the conversion method and filter settings on the ColorSync pop-up menu in the print window.

Color Options Settings

Manual Settings

Lets you select manual color adjustments. Click the arrow next to **Advanced Settings** and select settings for **Brightness**, **Contrast**, **Saturation**, and individual color tones. You can also select a color **Mode** setting for printing photos and graphics and the **Fix Red-Eye** setting to reduce or remove red-eye in photos. Depending on the selected color mode, you can also adjust the midtone density using the **Gamma** setting.

Fix Photo

Improves the color, contrast, and sharpness of flawed photos. Click the arrow next to **Advanced Settings** and select the **Fix Red-Eye** setting to reduce or remove red-eye in photos.

Note: Fix Photo uses a sophisticated face recognition technology to optimize photos that include faces. For this to work, both eyes and the nose must be visible in the subject's face. If your photo includes a face with an intentional color cast, such as a statue, you may want to turn off **Fix Photo** to retain the special color effects.

Off (No Color Adjustment)

Turns off color management in your printer software so you can manage color using only your application software.

Note: An ICC profile is required if color management is turned off.

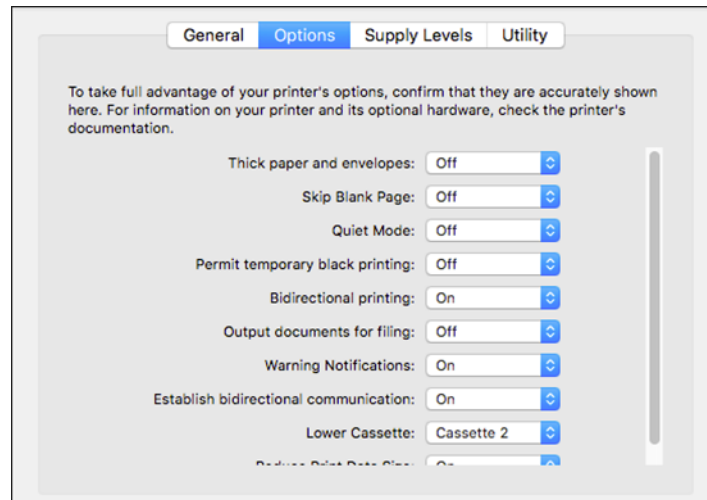
Parent topic: [Managing Color - Mac](#)

Selecting Printing Preferences - Mac

You can select printing preferences that apply to all the print jobs you send to your product.

1. In the Apple menu or the Dock, select **System Preferences** or **System Settings**.
2. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**.
3. Select **Driver** or **Options**.

You see a screen like this:



Note: The available settings and appearance of the options window may be different than those covered here, depending on the Mac OS version and the application you are using.

4. Select any of the available printing preferences.
5. Click **OK**.

[Printing Preferences - Mac](#)

Parent topic: [Printing with the Epson Standard Printer Software - Mac](#)

Printing Preferences - Mac

You can select these settings on the **Options** or **Driver** tab.

Thick Paper and Envelopes

Prevents ink from smearing when you print on envelopes or other thick paper.

Skip Blank Page

Ensures that your product does not print pages that contain no text or images.

Quiet Mode

Lessens noise during printing but may decrease print speed.

Permit temporary black printing

Allows you to print using black ink when color ink is expended.

Bidirectional printing

Prints in both directions (right-to-left and left-to-right), speeding up printing, but may reduce print quality.

Output documents for filing

Outputs all landscape, portrait, 1-sided, and 2-sided documents in the same orientation for easier filing.

Warning Notifications

Lets you choose whether or not to receive warning notifications from the printer software for various operating conditions.

Establish bidirectional communication

Allows the product to communicate with the computer. Do not change the default setting unless you experience issues when using a shared printing pool.

Reduce Print Data Size

Increases print data compression to improve print speed. Not recommended when printing fine patterns.

Lower Cassette

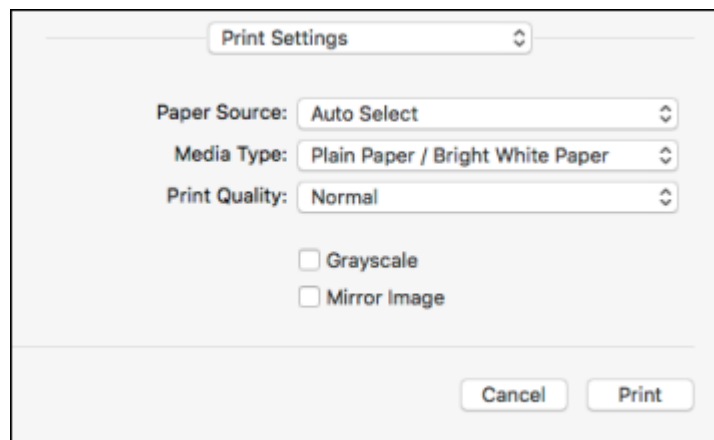
Specifies whether the optional cassette is present.

Parent topic: [Selecting Printing Preferences - Mac](#)

Printing Your Document or Photo - Mac

Once you have selected your print settings, you are ready to print.

Click **Print** at the bottom of the print window.



[Checking Print Status - Mac](#)

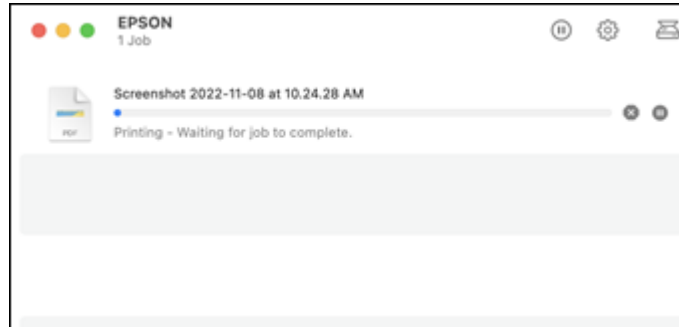
Parent topic: [Printing with the Epson Standard Printer Software - Mac](#)

Checking Print Status - Mac




During printing, you can view the progress of your print job, control printing, and check ink status.

1. Click the printer icon when it appears in the Dock.

You see the print status window:



2. Select the following options as necessary for your Mac OS version:

- To cancel printing, click the print job and click  or **Delete**.
- To pause a print job, click the print job and click  or **Hold**. To resume a print job, click the paused print job and click  or **Resume**.
- To pause printing for all queued print jobs, click **Pause** or **Pause Printer**.
- To display other printer information, click **Settings** or **Supply Levels**.

Parent topic: [Printing Your Document or Photo - Mac](#)

Printing with the Epson Universal Print Driver - Windows

You can print with the Epson Universal Print Driver using any Windows printing program, as described in these sections.

[Synchronizing Printer Settings - Epson Universal Print Driver - Windows](#)

[Selecting Print Settings - Epson Universal Print Driver - Windows](#)

[Selecting Default Print Settings - Epson Universal Print Driver - Windows](#)

[Locking Printer Settings - Epson Universal Print Driver - Windows](#)





[Adding Network Printers - Epson Universal Print Driver - Windows](#)

Parent topic: [Printing from a Computer](#)

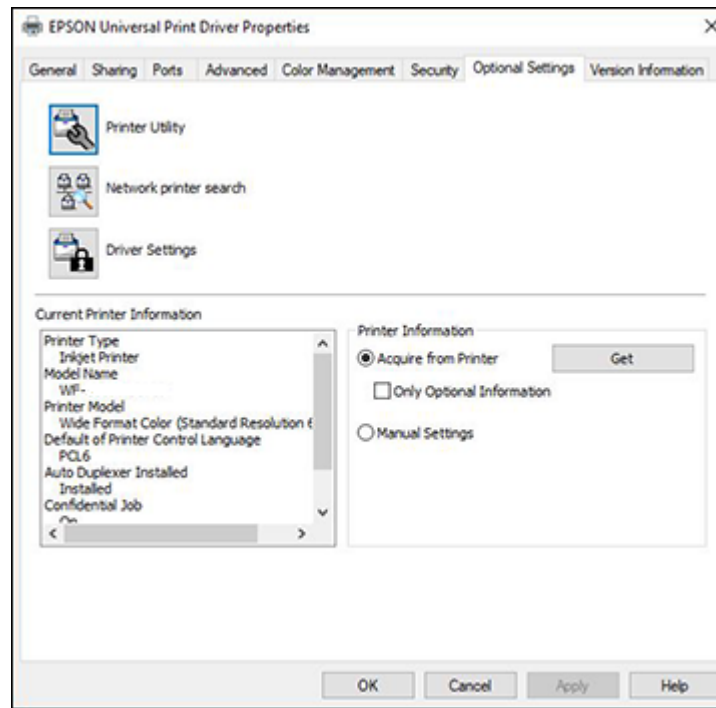
Synchronizing Printer Settings - Epson Universal Print Driver - Windows

You may need to synchronize the printer driver with the product if the printer driver does not detect the correct information or settings from the product.

Note: You must sync the printer driver before you can use any optional equipment installed on the product.

1. Do one of the following:
 - **Windows 11:** Click  and select **Settings > Bluetooth & devices > Printers & scanners**. Select **EPSON Universal Print Driver** and select **Printer properties**.
 - **Windows 10:** Click  and select  (Settings) > **Devices > Printers & scanners**. Select **EPSON Universal Print Driver** and select **Manage > Printer properties**.
 - **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Printer properties**.
 - **Windows 7:** Click  and select **Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Printer properties**.
2. Click the **Optional Settings** tab.

You see a window like this:



3. Make sure **Acquire from Printer** is selected and click **Get**.

Note: Select the **Only Optional Information** checkbox if you only want to enable any optional equipment installed on the product.

The product's settings and other information appears in the Current Printer Information area.

4. Click **OK**.

Parent topic: [Printing with the Epson Universal Print Driver - Windows](#)

Related tasks

[Enabling the Optional Paper Cassettes - Windows](#)

Selecting Print Settings - Epson Universal Print Driver - Windows

Select the basic settings for the document or photo you want to print.

Note: The names of settings on the universal print driver screens may vary slightly, depending on the version of the print driver you have installed.

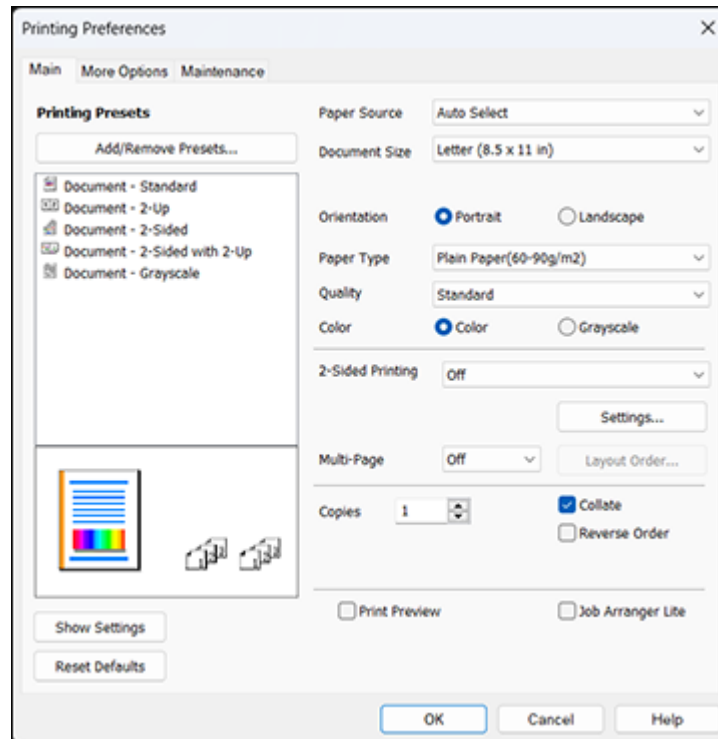
1. Open a photo or document for printing.
2. Select the print command in your application.

Note: You may need to select a print icon on your screen, the **Print** option in the **File** menu, or another command. See your application's help utility for details.

3. If necessary, select **EPSON Universal Print Driver** as the printer you want to use.

Note: You may also need to select **Properties** or **Preferences** to view your print settings.

You see the **Main** tab of your printer settings window:



Note: For more information about a setting, right-click it and select **Help**.

4. For the **Paper Source** setting, select where you loaded the paper you want to print on.
5. Select the size of the paper you loaded as the **Document Size** setting.

Note: You can also select the **User-Defined** setting to create a custom paper size.

6. Select the orientation of your document.

Note: If you are printing an envelope, select **Landscape**.

7. Select the type of paper you loaded as the **Paper Type** setting.





Note: The setting may not exactly match the name of your paper. Check the paper type settings list for details.

8. Select any of the available print options.
9. To select a variety of additional layout and printing options for your document or photo, select the **More Options** tab and select the printing options you want.
10. To select maintenance and other optional settings, select the **Maintenance** tab and select the options you want.

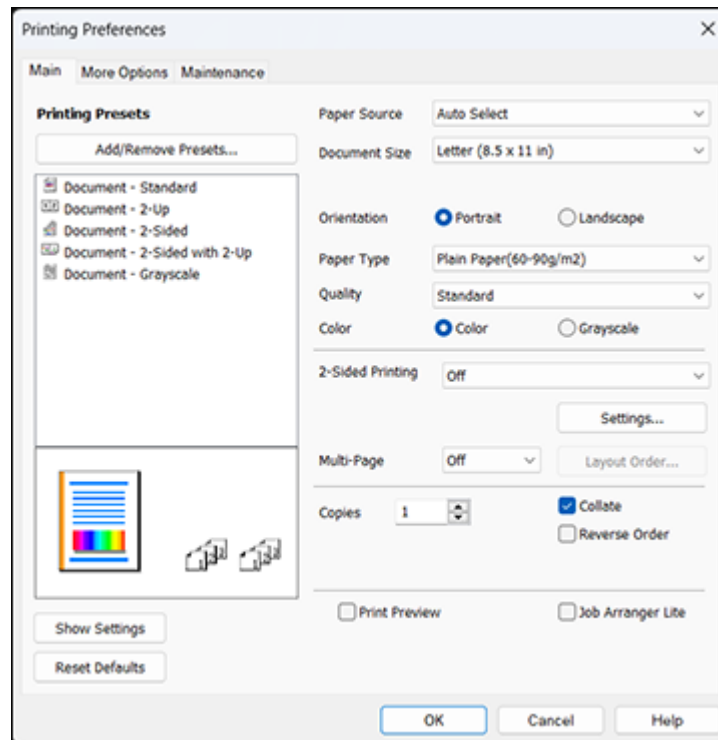
Parent topic: [Printing with the Epson Universal Print Driver - Windows](#)

Selecting Default Print Settings - Epson Universal Print Driver - Windows

When you change your print settings in a program, the changes apply only while you are printing in that program session. If you want to change the print settings you use in all your Windows programs, you can select new default print settings.

1. Do one of the following:
 - **Windows 11:** Click  and select **Settings > Bluetooth & devices > Printers & scanners**. Select **EPSON Universal Print Driver** and select **Printing preferences**.
 - **Windows 10:** Click  and select  (Settings) > **Devices > Printers & scanners**. Select **EPSON Universal Print Driver** and select **Manage > Printing Preferences**.
 - **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Print Preferences**.
 - **Windows 7:** Click  and select **Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Printing Preferences**.

You see the printer settings window:



Note: For more information about a setting, right-click it and select **Help**.





2. Select the print settings you want to use as defaults in all your Windows programs.
3. Click **OK**.

These settings are now the defaults selected for printing. You can still change them as needed for printing in any program session.

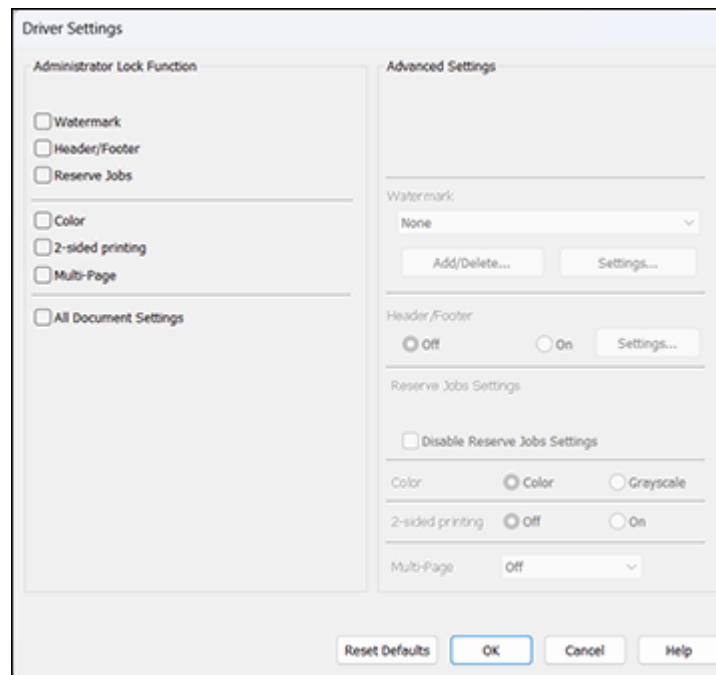
Parent topic: [Printing with the Epson Universal Print Driver - Windows](#)

Locking Printer Settings - Epson Universal Print Driver - Windows

Administrators can lock some printer settings to prevent unauthorized changes.

1. Do one of the following:
 - **Windows 11:** Click  and select **Settings > Bluetooth & devices > Printers & scanners**. Select **EPSON Universal Print Driver** and select **Printer properties**.
 - **Windows 10:** Click  and select  (Settings) > **Devices > Printers & scanners**. Select **EPSON Universal Print Driver** and select **Manage > Printer properties**.
 - **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Printer properties**.
 - **Windows 7:** Click  and select **Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Printer properties**.
2. Click the **Optional Settings** tab.
3. Click **Driver Settings**.

You see this window:



4. Select the checkbox for the settings you want to lock. To lock all print settings, select **All Document Settings**.
5. Under **Advanced Settings**, select the setting option you want to use for each locked setting.
6. Click **OK**.

[Epson Universal Print Driver Locked Setting Options](#)

Parent topic: [Printing with the Epson Universal Print Driver - Windows](#)

Epson Universal Print Driver Locked Setting Options

Select the options you want to use for any locked print settings.





Setting	Options	Description
Watermark	Various text watermarks	Lets you select the text for the watermark or prohibit watermarks
	Add/Delete	Lets you add or delete a customized text or image-based watermark
	Settings	Lets you select the size, position, and other watermark settings
Header/Footer	Off	Prohibits headers or footers
	On	Allows headers and footers
	Settings	Lets you select the text and position for printing headers and footers
Color	Color	Allows color printing
	2-sided printing	Off Allows printing on only one side of the paper
	Allows printing on both sides of the paper	On

Setting	Options	Description
Multi-Page	Off	Prohibits multi-page settings
	2-Up	Allows printing of 2 pages on one sheet of paper
	4-Up	Allows printing of 4 pages on one sheet of paper
	6-Up	Allows printing of 6 pages on one sheet of paper
	8-Up	Allows printing of 8 pages on one sheet of paper
	9-Up	Allows printing of 9 pages on one sheet of paper
	16-Up	Allows printing of 16 pages on one sheet of paper

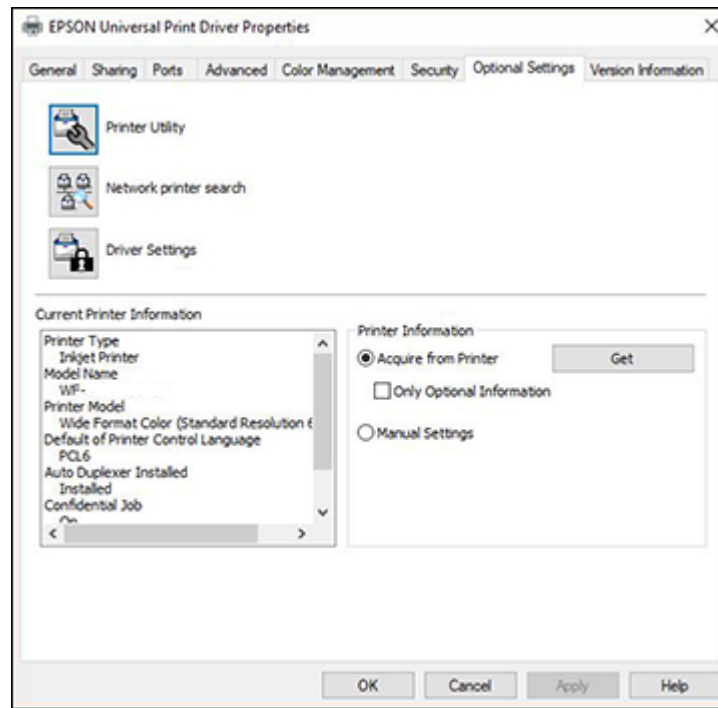
Parent topic: [Locking Printer Settings - Epson Universal Print Driver - Windows](#)

Adding Network Printers - Epson Universal Print Driver - Windows

You can use the Epson Universal Print Driver to find and add network printers.

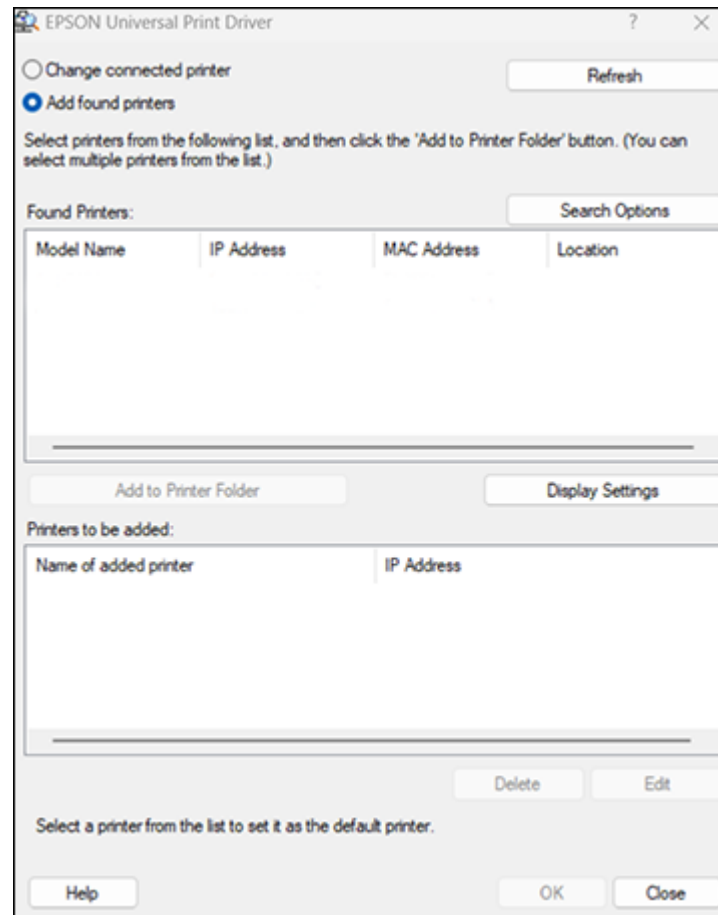
1. Do one of the following:
 - **Windows 11:** Click  and select **Settings > Bluetooth & devices > Printers & scanners**. Select **EPSON Universal Print Driver** and select **Printer properties**.
 - **Windows 10:** Click  and select  (Settings) > **Devices > Printers & scanners**. Select **EPSON Universal Print Driver** and select **Manage > Printer properties**.
 - **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Printer properties**.
 - **Windows 7:** Click  and select **Devices and Printers**. Right-click **EPSON Universal Print Driver** and select **Printer properties**.
2. Click the **Optional Settings** tab.

You see this window:



3. Click **Network printer search**.
4. When you see the search results, select **Add found printers**.

You see a screen like this:



5. Select the printer or printers you want to add.
6. Click **Add to Printer Folder**.
The selected printer or printers appear in the lower section of the screen.
7. Select the checkbox next to the product you want to make your default printer, if necessary.
8. Click **OK**.

Parent topic: [Printing with the Epson Universal Print Driver - Windows](#)

Printing with the PostScript (PS3) Printer Software - Windows

You can print with the PostScript (PS3) printer software using any Windows printing program, as described in these sections.

Note: The PostScript printer software supports products that are connected via Ethernet. If your product is connected via USB, you will need to install the standard Epson printer software. To download the standard Epson printer software, visit epson.com/support (U.S.), epson.ca/support (Canada), or latin.epson.com/support (Latin America) and select your product.

[Selecting Print Settings - PostScript Printer Software - Windows](#)

[Selecting Default Print Settings - PostScript Printer Software - Windows](#)

Parent topic: [Printing from a Computer](#)

Selecting Print Settings - PostScript Printer Software - Windows

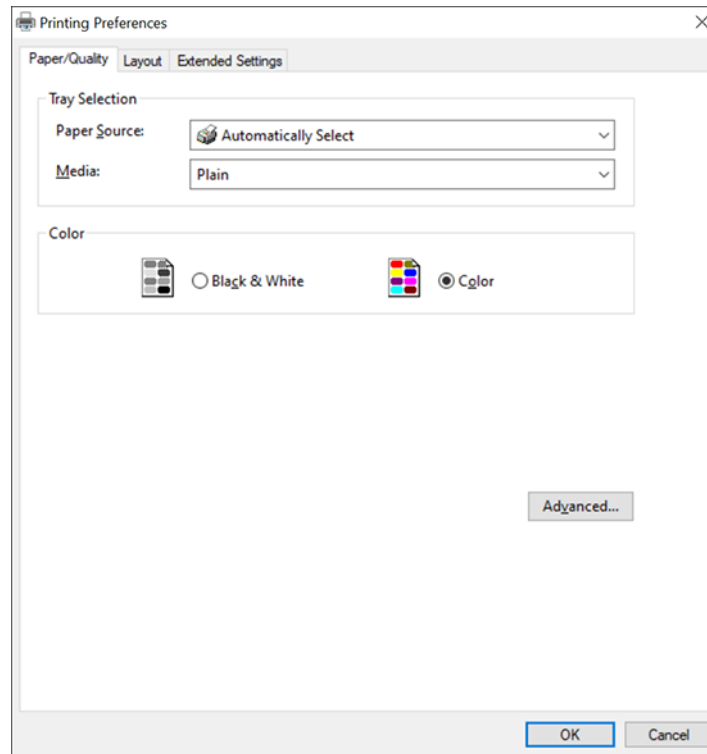
Select the basic settings for the document or photo you want to print.

1. Open a photo or document for printing.
2. Select the print command in your application.

Note: You may need to select a print icon on your screen, the **Print** option in the **File** menu, or another command. See your application's help utility for details.

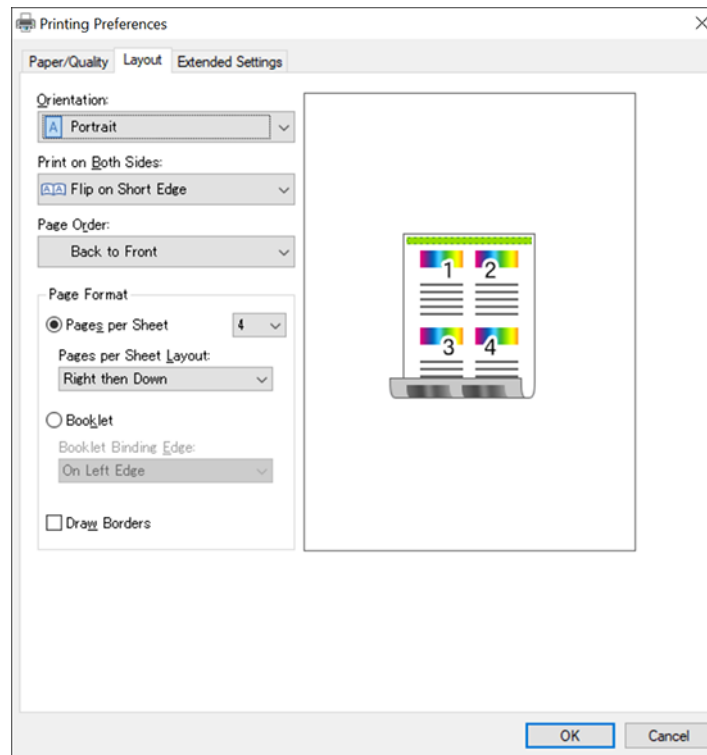
3. If necessary, select your product name as the printer you want to use, and then click the **Preferences** or **Properties** button, depending on the application.

You see the Paper/Quality tab of your printer settings window:



4. Select the **Paper Source** that matches where you loaded the paper you want to print on.
5. Select **Plain** as the **Media** setting.
6. Select one of the following as the Color setting:
 - To print text and graphics in black only, select the **Black & White** setting.
 - To print a color document or photo, select the **Color** setting.
7. To select additional PostScript layout and printing options, select **Advanced** and select additional settings as necessary.
8. Select the **Layout** tab.

You see a screen like this:







9. Select any settings as necessary.
10. If you have set up Access Control or want to print a confidential job, select **Extended Settings** to enable printing by entering a user name and password , or print a confidential job by entering the necessary information.

Parent topic: [Printing with the PostScript \(PS3\) Printer Software - Windows](#)

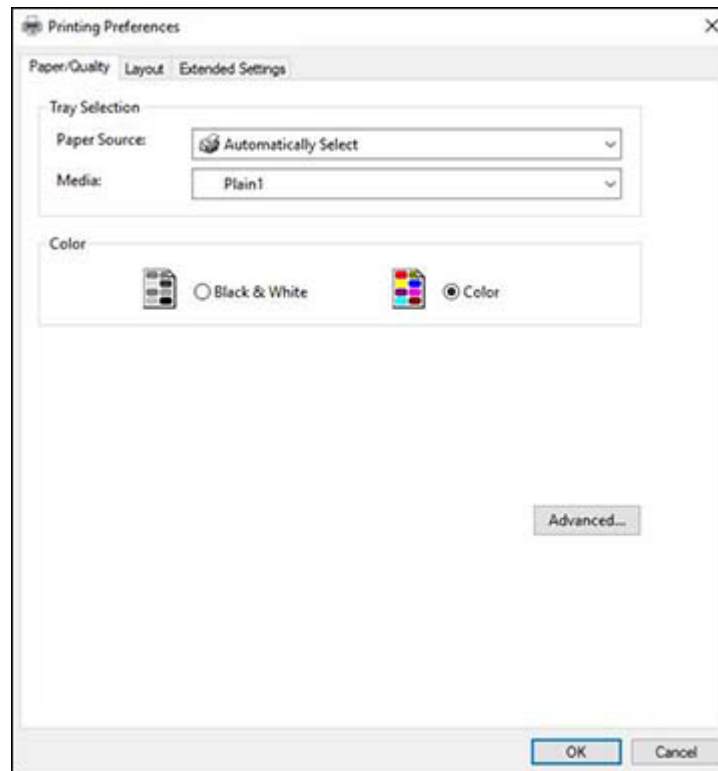
Selecting Default Print Settings - PostScript Printer Software - Windows

When you change your print settings in a program, the changes apply only while you are printing in that program session. If you want to change the print settings you use in all your Windows programs, you can select new default print settings.

1. Do one of the following:

- **Windows 11:** Click , search for **Settings** and select it. Select **Bluetooth & devices > Printers & scanners**. Select your product name and select **Printer properties**.
- **Windows 10:** Click  and select  (Settings) > **Devices > Printers & scanners**. Select your product name and select **Manage > Printing preferences**.
- **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click your product name and select **Print Preferences**.
- **Windows 7:** Click  and select **Devices and Printers**. Right-click your product name and select **Printing Preferences**.

You see the printer settings window:



2. Select the print settings you want to use as defaults in all your Windows programs.
3. Click **OK**.

These settings are now the defaults selected for printing. You can still change them as needed for printing in any program session.

Parent topic: [Printing with the PostScript \(PS3\) Printer Software - Windows](#)

Printing with the PostScript (PS3) Printer Software - Mac

You can print with the PostScript (PS3) printer software using any Mac printing program, as described in these sections.

Note: The PostScript printer software supports products that are connected via Ethernet. If your product is connected via USB, you will need to install the standard Epson printer software. To download the standard Epson printer software, visit epson.com/support (U.S.), epson.ca/support (Canada), or latin.epson.com/support (Latin America) and select your product.

[Selecting Basic Print Settings - PostScript Printer Software - Mac](#)

Parent topic: [Printing from a Computer](#)

Selecting Basic Print Settings - PostScript Printer Software - Mac

Select the basic settings for the document or photo you want to print.

The PostScript printer software supports plain paper printing on these paper and envelope sizes:

- A4 (8.3 × 11.7 inches [210 × 297 mm])
- Letter (8.5 × 11 inches [216 × 279 mm])
- No. 10 (4.1 × 9.5 inches [105 × 241 mm])
- A5 (5.8 × 8.2 inches [148 × 210 mm])
- B5 (7.2 × 10.1 inches [182 × 257 mm])
- A6 (4.1 × 5.8 inches [105 × 148 mm])
- B6 (5 × 7.2 inches [128 × 182 mm])
- Executive (7.25 × 10.5 inches [184 × 267 mm])
- Legal (8.5 × 14 inches [216 × 356 mm])
- 8.5 × 13 inches (216 × 330 mm)
- A3 (11.7 × 16.5 inches [297 × 420 mm])

- 13 × 19 inches (330 × 483 mm)
- 11 × 17 inches (279 × 432 mm)
- B4 (13.9 × 9.84 inches [353 × 250 mm])
- Envelope C6 (4.49 × 6.38 inches [114 × 162 mm])
- Envelope DL (4.33 × 8.66 inches [110 × 220 mm])

1. Open a photo or document for printing.
2. Select the print command in your application.

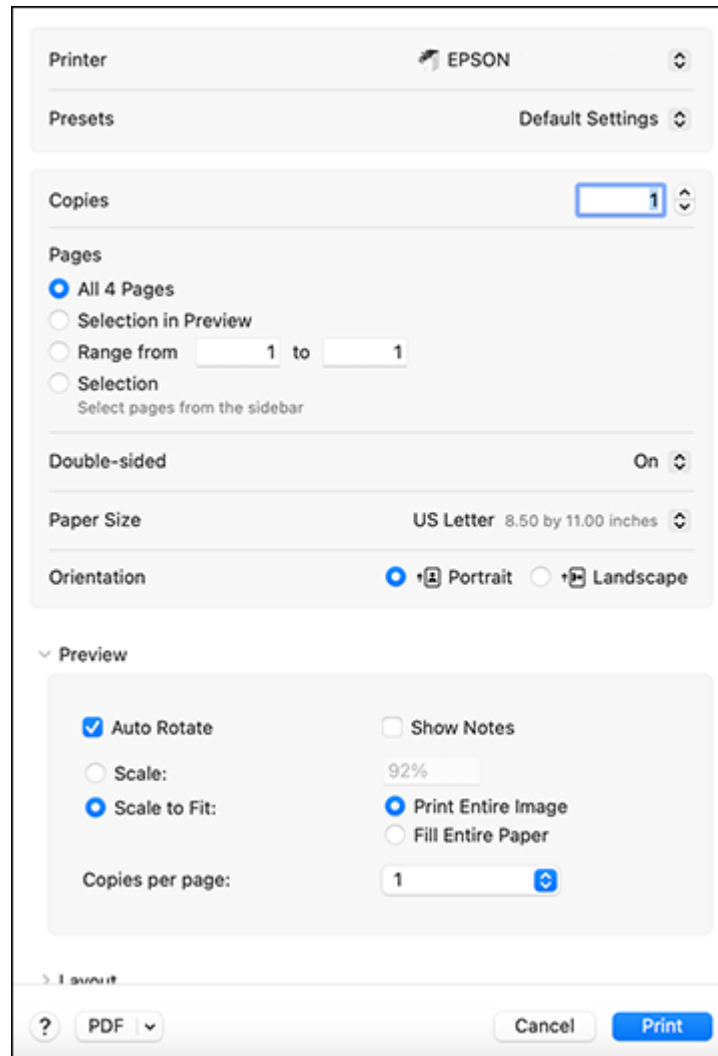
Note: You may need to select a print icon on your screen, the **Print** option in the **File** menu, or another command. See your application's help utility for details.

3. Select your product as the **Printer** setting.



4. If necessary, click the arrow next to the Printer setting or the **Show Details** button to expand the print window.

You see the expanded printer settings window for your product:



Note: The print window may look different, depending on the Mac OS version and the application you are using.

5. Select the **Two-Sided**, or **Double-sided**, **Copies**, and **Pages** settings as necessary.

Note: If you do not see these settings in the print window, check for them in your application before printing.

6. Select the page setup options: **Paper Size** and **Orientation**.

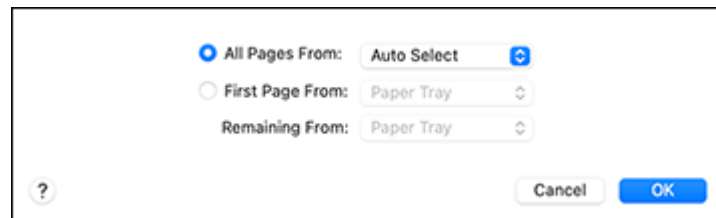
Note: If you do not see these settings in the print window, check for them in your application before printing. They may be accessible by selecting **Page Setup** from the File menu.

7. Select any application-specific settings that appear on the screen, such as those shown in the image above for the Preview application.

8. Select **Paper Feed** from the **Printer Options** menu or select **Paper Feed** from the pop-up menu in the print window.



You see these settings:



9. Select **All Pages From** or **First Page From** and select the paper source you want to print from.

10. Select **Printer Features** from the **Printer Options** menu or select **Printer Features** from the pop-up menu in the print window.



You see these settings:



11. Select a **MediaType** setting.
12. Select one of the following **Print Quality** options:
 - For fast printing with reduced quality, select **Fast**.
 - For printing text and graphics with good quality and print speed, select **Fine**.
 - For the best printing with reduced speed, select **Maximum**.
13. Select **Color** from the Feature Sets pop-up menu.

You see these settings:
14. Select a **Color Mode** option:
 - To print a color document or photo, select the **Color** setting.
 - To print text and graphics in black only, select the **Monochrome** setting.
15. Select any of the following from the pop-up menu as necessary:
 - Select **Layout** to adjust a variety of layout options for your document or photo.

- Select **Paper Handling** to adjust the size of the image as you print it.
- Select **Color Matching** to fine-tune the colors in your printout. For monochrome printers, this adjusts the tone and brightness of your printout.

Parent topic: [Printing with the PostScript \(PS3\) Printer Software - Mac](#)

Printing from a Smartphone or Tablet

You can print from a smartphone or tablet running iOS or Android using the Epson Smart Panel app.

Note: Your device must be connected to the same wireless network as your Epson product, and Epson Smart Panel must be configured for use with your product.

1. Download the Epson Smart Panel app from your device's app store or from Epson's website.
2. Open the Epson Smart Panel app and select a print menu on the home screen.
3. Follow the on-screen instructions to begin printing.

Parent topic: [Printing from a Computer](#)

Cancelling Printing Using a Product Button

If you need to cancel printing, press the  **Stop** button.

Parent topic: [Printing from a Computer](#)

Replacing Ink Cartridges, Maintenance Boxes, and Cassette Rollers

When ink is expended, or the maintenance box and cassette rollers are at the end of their service life, you need to replace them. The maintenance box stores ink that gets flushed from the system during print head cleaning.

Note: Please dispose of your used Epson branded ink cartridges and maintenance boxes responsibly and in accordance with local requirements. If you would like to return your used ink cartridges and maintenance boxes to Epson for proper disposal, please go to [epson.com/recycle](https://www.epson.com/recycle) for more information.

[Check Cartridge and Maintenance Box Status](#)

[Purchase Epson Ink Cartridges and Maintenance Box](#)

[Removing and Installing Ink Cartridges](#)

[Maintenance Box Replacement](#)

[Replacing the Rollers for Paper Cassette 1](#)

[Replacing the Rollers for Paper Cassettes 2 to 4](#)

[Resetting the Roller Counter on the LCD Screen](#)

[Printing with Black Ink and Expended Color Cartridges](#)

[Conserving Low Black Ink with Windows](#)

Check Cartridge and Maintenance Box Status

Your product and its software will let you know when an ink cartridge is low or expended, or when the maintenance box needs to be replaced.

Note: When using the Epson Universal Print Driver or PostScript (PS3) printer software with the product, you can check ink cartridge and maintenance box status by using the printer buttons or the utilities included with the standard Epson printer software. To download the standard Epson printer software, visit [epson.com/support](https://www.epson.com/support) (U.S.), [epson.ca/support](https://www.epson.ca/support) (Canada), or [latin.epson.com/support](https://www.latin.epson.com/support) (Latin America) and select your product.

[Ink Safety Precautions](#)

[Checking Ink Status on the LCD Screen](#)

[Checking Ink and Maintenance Box Status with Windows](#)

[Checking Cartridge and Maintenance Box Status - Mac](#)

Ink Safety Precautions

- Keep ink cartridges and maintenance box out of the reach of children and do not drink the ink.
- Keep the ink cartridges and maintenance box out of direct sunlight.
- Store ink cartridges in a cool, dark place; do not store the ink cartridges or maintenance box in high or freezing temperatures.
- Be careful when you handle used ink cartridges; there may be ink remaining around the ink supply port. If ink gets on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water. If you experience discomfort or vision problems after flushing your eyes, see a doctor immediately. If ink gets in your mouth, see a doctor immediately.
- Do not dismantle an ink cartridge. This could damage the print head.
- Do not disassemble or modify the ink cartridge or maintenance box; otherwise ink may get into your eyes or on your skin or you may not be able to print normally.
- Do not shake cartridges too vigorously; this can cause them to leak.
- Do not drop or knock ink cartridges or the maintenance box against hard objects; this can cause leakage.
- Do not remove or tear the label on the cartridge; this can cause leakage.
- Use an ink cartridge before the date printed on its package or within six months of opening the package, whichever is earlier.
- After bringing an ink cartridge inside from a cold storage site, allow it to warm up at room temperature for at least three hours before using it.
- Do not open the ink cartridge package until you are ready to install it in the printer. The cartridge is vacuum packed to maintain its reliability. Leaving a cartridge unpacked for a long time before using it may prevent normal operation.
- Do not break the hooks on the side of the cartridge when removing it from the packaging.
- Do not shake cartridges after opening their packages; this can cause them to leak.
- Do not remove the transparent seal from the bottom of the cartridge. This may cause the cartridge to become unusable.
- Do not touch the green IC chip on the side of the cartridge. This may prevent normal operation.
- Make sure to install all ink cartridges. The printer only works when all ink cartridges are properly installed.

- Do not turn off the product during ink charging. If ink charging is incomplete, you may not be able to print.
- If you remove an ink cartridge for later use, protect the ink supply area from dirt and dust and store it in the same environment as the product. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. Do not touch the ink cartridge ink supply port or surrounding area.
- Install a new ink cartridge immediately after removing an expended one. Leaving cartridges uninstalled can dry out the print head and may prevent the product from printing.
- Do not turn off the printer during cartridge replacement. Otherwise, ink remaining in the print head nozzles will dry out and you may not be able to print.
- Do not put your hands inside the product or touch any cartridges during printing.
- Removed ink cartridges may have ink around the ink supply port, so be careful not to get any ink on the surrounding area when removing the cartridges.
- Do not remove and reinstall an ink cartridge except when necessary. Ink may get on the surrounding area if a cartridge is repeatedly removed and reinstalled.
- Even if some ink cartridges are dented due to the vacuum packing process, the quality and quantity of ink are guaranteed, and they can be used safely. Do not open the ink cartridge package until you are ready to replace an old cartridge.
- The specifications and appearance of the ink cartridge may be modified for improvement without prior notice.

Ink Consumption

- This printer uses ink cartridges equipped with a green chip that monitors information such as the amount of remaining ink for each cartridge. This means that even if the cartridge is removed from the printer before it is expended, you can still use the cartridge after reinserting it back into the printer. However, when reinserting a cartridge, some ink may be consumed to guarantee printer performance.
- To ensure you receive premium print quality and to help protect your print head, a variable ink safety reserve remains in the cartridge when your printer indicates that it is time to replace the cartridge. Quoted ink yields do not include this reserve.
- Quoted yields may vary depending on the images that you are printing, the paper type that you are using, the frequency of your prints and environmental conditions such as temperature.
- Do not use the cartridges that came with the printer for the replacement. The ink in the ink cartridges supplied with your printer is partly used during initial setup. In order to produce high quality printouts, the print head in your printer needs to be fully charged with ink. This process consumes a quantity of ink and, therefore, these cartridges may print fewer pages compared to subsequent ink cartridges.



- To maintain optimum print head performance, some ink is consumed from all ink cartridges during maintenance operations. Ink may also be consumed when you replace an ink cartridge or turn the printer on.
- When printing in monochrome or grayscale, color inks may be used instead of black ink depending on the paper type or print quality settings you are using. This is because a mixture of color inks is used to create black.

Parent topic: [Check Cartridge and Maintenance Box Status](#)

Checking Ink Status on the LCD Screen

When one of your ink cartridges is low or expended, you see a message on the LCD screen.

You can also check the status of the ink cartridges and maintenance box from the product control panel.

1. Press the  home button, if necessary.
2. Select the  icon.

Note: The displayed ink and maintenance box levels are approximate.

Parent topic: [Check Cartridge and Maintenance Box Status](#)

Related concepts

[Maintenance Box Replacement](#)


Related tasks



[Removing and Installing Ink Cartridges](#)

Checking Ink and Maintenance Box Status with Windows

You can check your ink cartridge or maintenance box status at any time using a utility on your Windows computer.

Note: You can continue printing while the low ink message is displayed. Replace the ink cartridges when required.

1. To check your status, do one of the following:
 - **Windows 11:** Click , search for **Settings** and select it. Select **Bluetooth & devices > Printers & scanners**. Select your product name and select **Printer preferences**.

- **Windows 10:** Click  and select  (Settings) > **Devices** > **Printers & scanners**. Select your product name and select **Manage** > **Printer preferences**.
 - **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel** > **Hardware and Sound** > **Devices and Printers**. Right-click your product and select **Printer preferences**.
2. Select the **Maintenance** tab and select **EPSON Status Monitor 3**.
 3. Replace or reinstall the ink cartridge or maintenance box as indicated on the screen. Select **Details** if necessary.

Note: If any of the ink cartridges installed in the product is broken, incompatible with the product model, or improperly installed, Epson Status Monitor will not display an accurate ink status.

Parent topic: [Check Cartridge and Maintenance Box Status](#)

Checking Cartridge and Maintenance Box Status - Mac

You can check the status of your ink cartridges and maintenance box using a utility on your Mac.

Note: You can continue printing while the low ink message is displayed. Replace the ink cartridges when required.

1. In the Apple menu or the Dock, select **System Preferences** or **System Settings**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
2. Select **EPSON Status Monitor**.
3. Do the following as necessary:
 - You can update the ink cartridge and maintenance box status by clicking **Update**.
 - Replace or reinstall the maintenance box or any ink cartridge as indicated on the screen.

Note: If any of the cartridges installed in the product is broken, incompatible with the product model, or improperly installed, Epson Status Monitor will not display an accurate cartridge status.

Parent topic: [Check Cartridge and Maintenance Box Status](#)

Purchase Epson Ink Cartridges and Maintenance Box

You can purchase genuine Epson ink, maintenance boxes, and paper at epson.com (U.S. sales), epson.ca (Canadian sales), or latin.epson.com (Latin American sales). You can also purchase supplies

from an Epson authorized reseller. To find the nearest one, call 800-GO-EPSON (800-463-7766) in the U.S. or 800-807-7766 in Canada.

Note: Your printer is designed to work only with genuine Epson-brand ink cartridges. Other brands of ink cartridges and ink supplies are not compatible and, even if described as compatible, may not function properly or at all. Epson periodically provides firmware updates to address issues of security, performance, minor bug fixes and ensure the printer functions as designed. These updates may affect the functionality of third-party ink. Non-Epson branded or altered Epson cartridges that functioned prior to a firmware update may not continue to function.

The included initial cartridges are designed for reliable printer setup and cannot be used as replacement cartridges or resold. After setup, the remaining ink is available for printing. Yields are based on ISO 24711 in default mode, printing continuously. Yields vary due to print images, settings, and temperatures. Printing infrequently or primarily with one color reduces yields. All cartridges must be installed with ink for printing and printer maintenance. For print quality, some ink remains in replaced cartridges.

[Ink Cartridge Part Numbers](#)

Parent topic: [Replacing Ink Cartridges, Maintenance Boxes, and Cassette Rollers](#)

Ink Cartridge Part Numbers

Use these part numbers when you order or purchase new ink cartridges.

Maintenance box part number: T6714

Ink color	Part number		
	Standard-capacity	High-capacity	Extra High-capacity
Black	T13S1	T13U1	T13V1
Cyan	T13S2	T13U2	T13V2
Magenta	T13S3	T13U3	T13V3
Yellow	T13S4	T13U4	T13V4

Parent topic: [Purchase Epson Ink Cartridges and Maintenance Box](#)

Removing and Installing Ink Cartridges

If an ink cartridge is low or expended, a message appears on your product's LCD screen. Note which ink cartridge needs to be replaced. Select **How To** and follow the steps on the LCD screen to remove and install the ink cartridges.

Make sure you have the replacement ink cartridge(s) handy before you begin. You must install new cartridges immediately after removing the old ones.

Caution: Leave your old cartridges in the printer until you are ready to replace them to prevent the print head nozzles from drying out. Do not open ink cartridge packages until you are ready to install the ink. Cartridges are vacuum packed to maintain reliability.

Note: Do not touch the green IC chip on the side of the cartridge. This may prevent normal operation.

Caution: If you remove an ink cartridge for later use, protect the ink supply area from dirt and dust and store it in the same environment as the printer. The valve in the ink supply port is designed to contain any excess ink, but do not touch the ink supply port or surrounding area. Always store ink cartridges with the label facing up; do not store cartridges upside-down.

Parent topic: [Replacing Ink Cartridges, Maintenance Boxes, and Cassette Rollers](#)

Related concepts

[Purchase Epson Ink Cartridges and Maintenance Box](#)

Maintenance Box Replacement

The maintenance box stores surplus ink that gets collected during printing or print head cleaning. When you see a message on the LCD screen, follow the on-screen instructions to replace the maintenance box.

Note the following precautions when replacing the maintenance box:

- Do not touch the green chip on the side of the maintenance box.
- Do not remove the film on the top of the box or ink may leak.
- Do not tilt the maintenance box after removing it or ink may leak.
- Keep the maintenance box out of direct sunlight.
- Do not remove the maintenance box during printing or ink may leak.

Caution: Do not reuse a maintenance box that has been removed and left uninstalled for a long period. Keep the maintenance box away from direct sunlight.

Note: The maintenance box is a user-replaceable part and is not covered by the product warranty.

Parent topic: [Replacing Ink Cartridges, Maintenance Boxes, and Cassette Rollers](#)

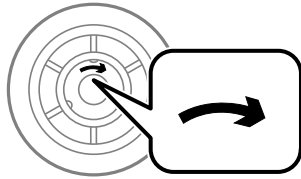
Related concepts


[Purchase Epson Ink Cartridges and Maintenance Box](#)

Replacing the Rollers for Paper Cassette 1

When the rollers in paper cassette 1 need to be replaced, you see a message on the LCD screen. There are three rollers for paper cassette 1: two on the back of the product and one on the cassette.

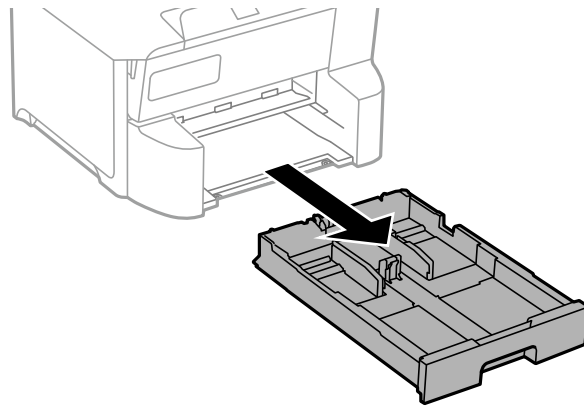
Note: Check that the arrows on the rollers point clockwise before installing them in paper cassette 1. There are different rollers for paper cassette 1 and the other paper cassettes.



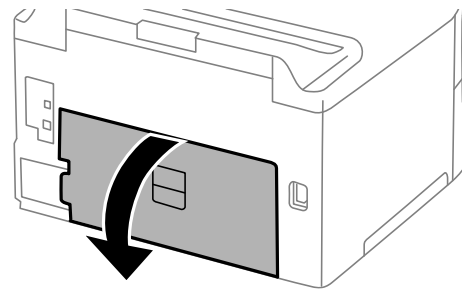
1. Turn off the product.
2. Wait for the  power light to turn off, then unplug the power cord.
3. Remove the replacement rollers from their package.

Caution: If there is any dirt or dust on the rollers, clean them with a soft, moist cloth. Using a dry cloth can damage the surface of the roller.

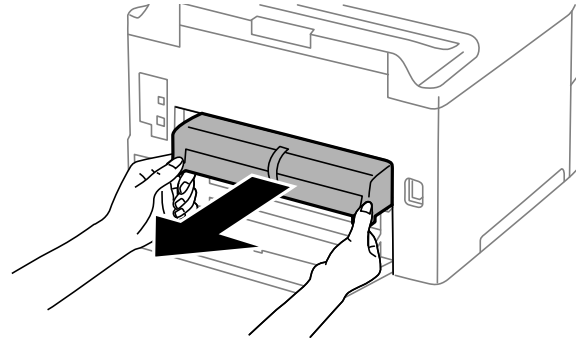
4. Pull out paper cassette 1.



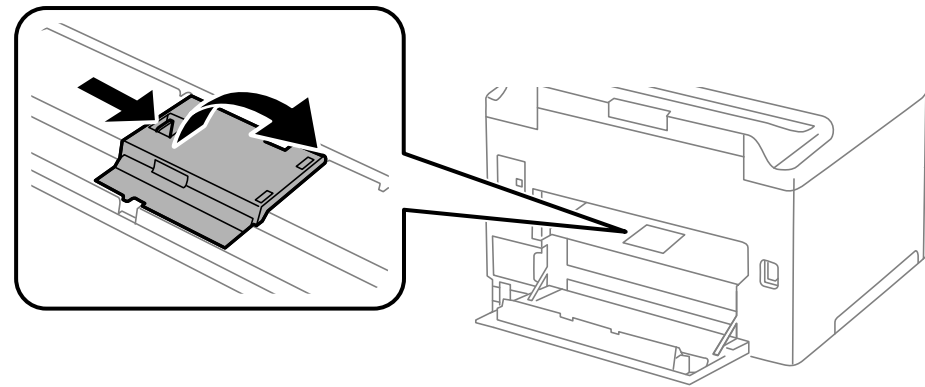
5. Open rear cover 1 (D1).



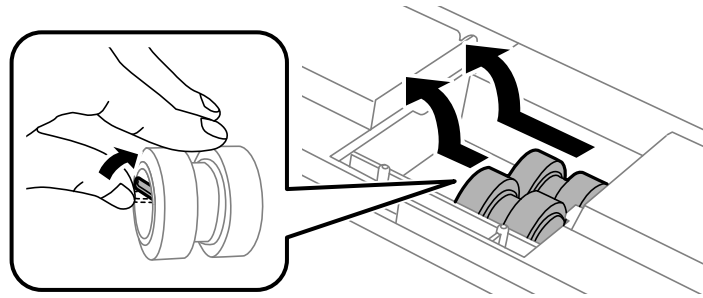
6. Pull out rear cover 2 (D2).



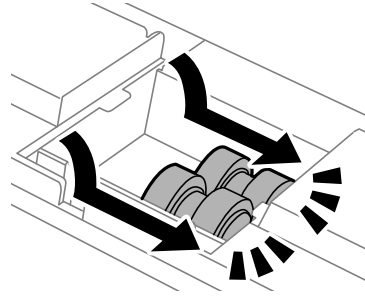
7. Remove the roller cover inside the product.



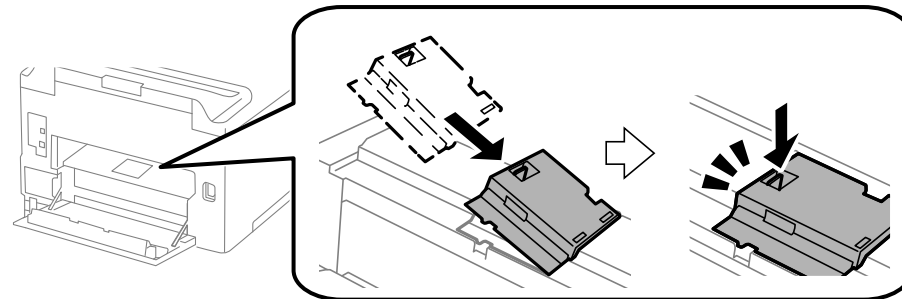
8. Pull up the roller tabs and slide the rollers to the left to remove them.



9. Insert the replacement rollers and slide them to the right until they click into place.



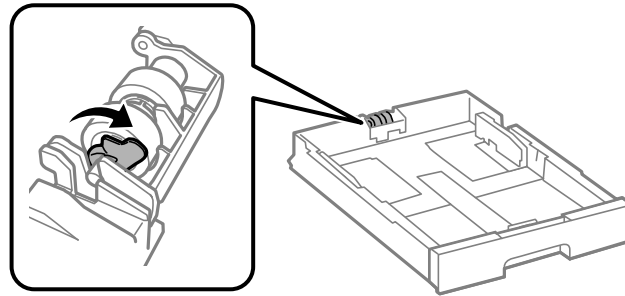
10. Replace the roller cover as shown and press it down until it clicks into place.



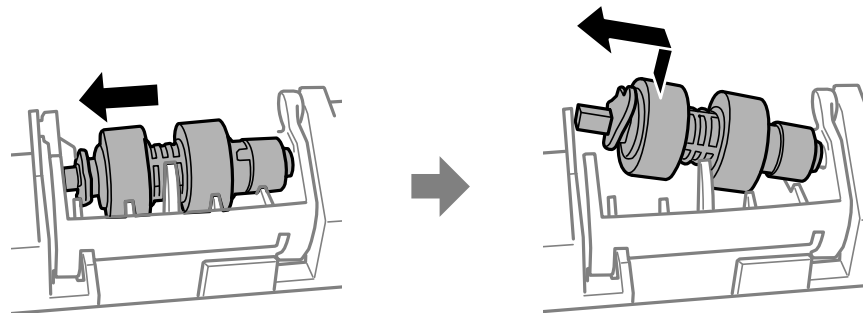
11. Insert rear cover 2 (D2).

12. Close the rear cover 1 (D1).

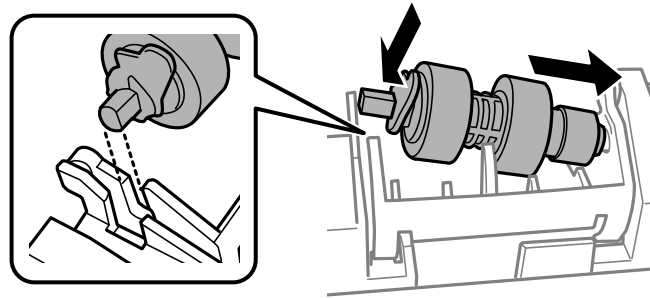
13. On paper cassette 1, pull up on the lever as shown to release the roller.



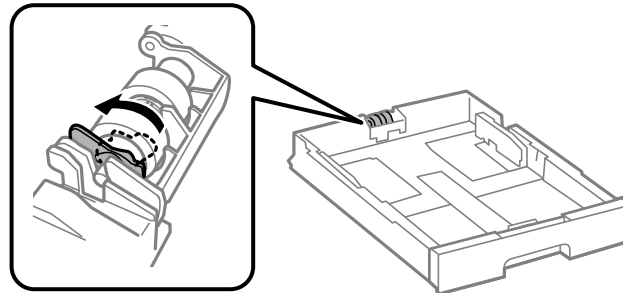
14. Slide the roller towards the lever and lift it out of the cassette.



15. Insert the pointed end of the replacement roller's shaft into the hole in the cassette and gently slide the roller into the slot with the flat side of the shaft facing toward the front of the cassette.



16. Press down on the lever as shown to lock the roller in place.



17. Insert the paper cassette all the way into the product.

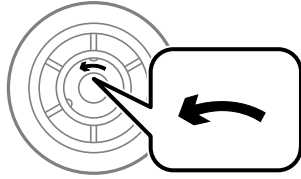
Reset the maintenance roller counter for paper cassette 1 to keep track of roller usage.


Parent topic: [Replacing Ink Cartridges, Maintenance Boxes, and Cassette Rollers](#)

Replacing the Rollers for Paper Cassettes 2 to 4

When the rollers in paper cassettes 2 to 4 need to be replaced, you see a message on the LCD screen. There are three rollers for each paper cassette: two on the back of the product and one on the cassette.

Note: Check that the arrows on the rollers point counterclockwise before installing them in paper cassettes 2 to 4. There are different rollers for paper cassette 1 and the other paper cassettes.

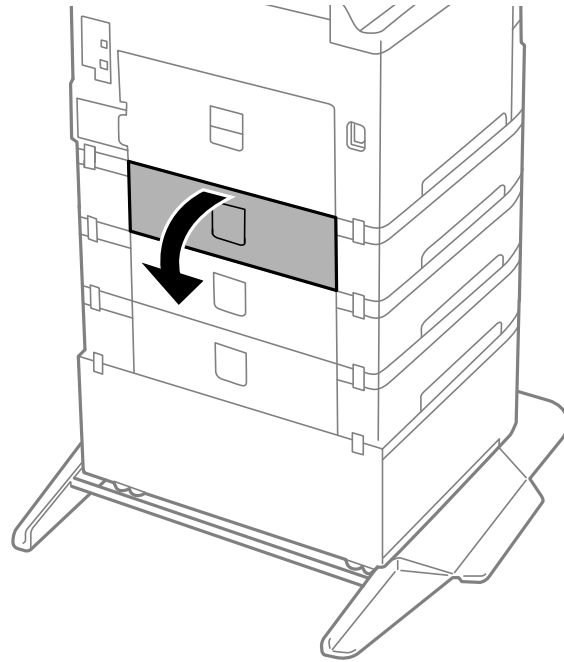


1. Turn off the product.
2. Wait for the  power light to turn off, then unplug the power cord.
3. Remove the replacement rollers from their package.

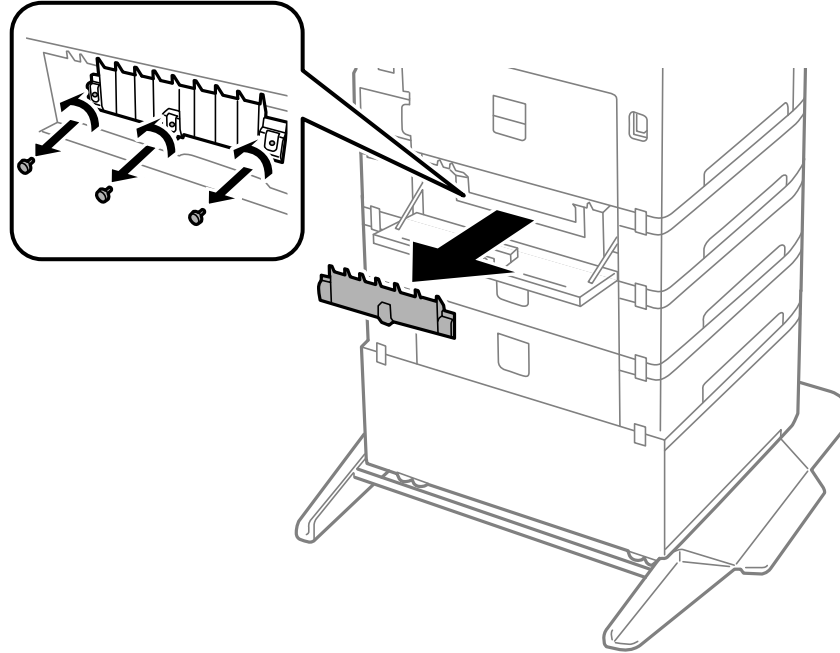
Caution: If there is any dirt or dust on the rollers, clean them with a soft, moist cloth. Using a dry cloth can damage the surface of the roller.

4. Pull out the paper cassette.

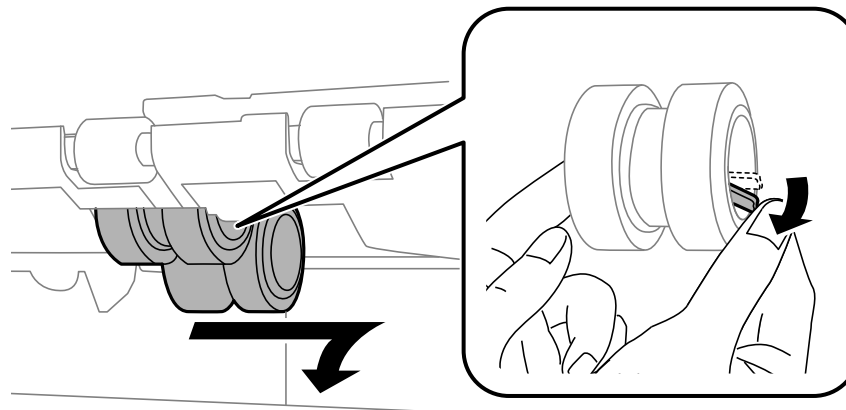
5. Open the rear cover (E) that matches with the paper cassette you removed.



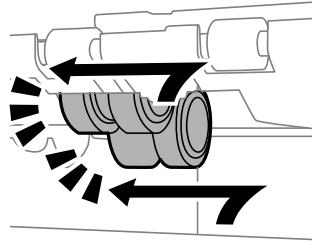
6. Use a screwdriver to remove the three screws on the inner cover and remove the cover.



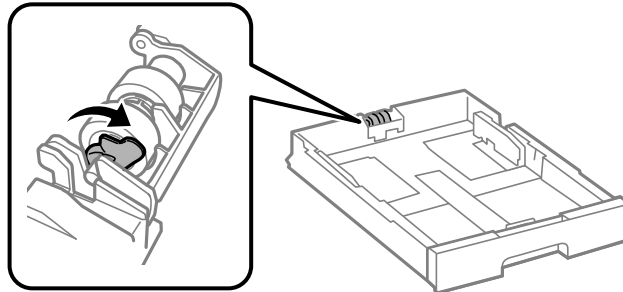
7. Pull down the roller tabs and slide the rollers to the right to remove them.



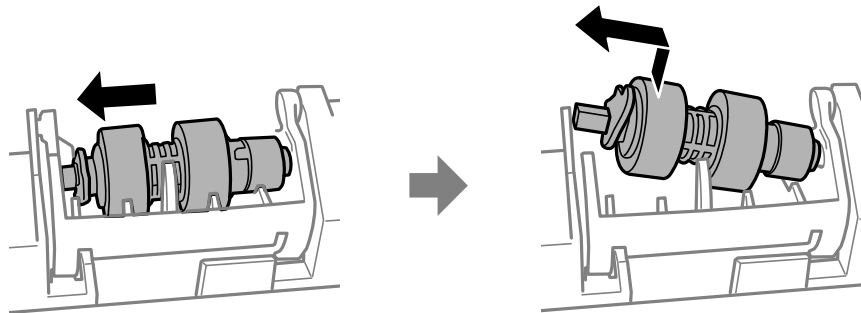
8. Insert the replacement rollers and slide them to the left until they click into place.



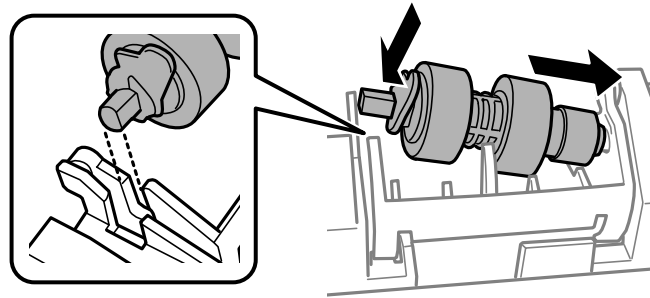
9. Use a screwdriver to secure the inner cover to the printer with the three screws you removed.
10. Close the rear cover (E).
11. On the paper cassette you removed, pull up on the lever as shown to release the roller.



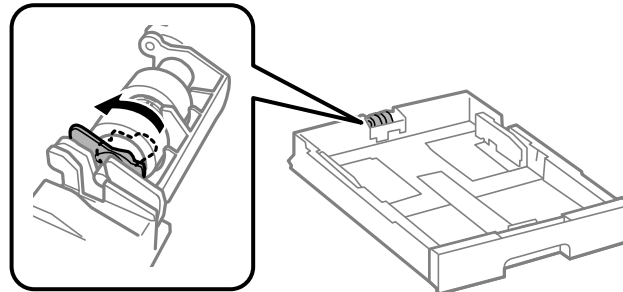
12. Slide the roller towards the lever and lift it out of the cassette.



13. Insert the pointed end of the replacement roller's shaft into the hole in the cassette and gently slide the roller into the slot with the flat side of the shaft facing toward the front of the cassette.



14. Press down on the lever as shown to lock the roller in place.




15. Insert the paper cassette all the way into the product.


Reset the maintenance roller counter for the paper cassette to keep track of roller usage.

Parent topic: [Replacing Ink Cartridges, Maintenance Boxes, and Cassette Rollers](#)

Resetting the Roller Counter on the LCD Screen

You must reset the roller counter after replacing the cassette rollers to clear the roller replacement message and to keep track of roller usage correctly.

1. Press the  home button, if necessary.
2. Select **Settings** > **Maintenance** > **Pickup roller information** > **Reset Counter**.

3. Select the paper cassette in which you replaced the rollers.
4. Select **Yes**.
5. Select **Yes** again to confirm the reset.
6. If you want to feed a sheet of paper to check the roller installation, select **Yes**. (Otherwise, select **No**.)
7. Press the  home button to exit.

Parent topic: [Replacing Ink Cartridges, Maintenance Boxes, and Cassette Rollers](#)

Printing with Black Ink and Expended Color Cartridges

When a color ink cartridge is expended, you can temporarily continue printing from your computer using black ink. Replace the expended color cartridge as soon as possible for future printing.

[Printing with Expended Color Ink Cartridges - Control Panel](#)

[Printing with Expended Color Cartridges - Windows](#)

[Printing with Expended Color Cartridges - Mac](#)

Parent topic: [Replacing Ink Cartridges, Maintenance Boxes, and Cassette Rollers](#)

Printing with Expended Color Ink Cartridges - Control Panel

If printing stops, you can cancel your print job and select settings to temporarily print with only black ink on plain paper or on an envelope.

1. When a message is displayed prompting you to replace the ink supply units, press the **Proceed** button.
2. If you see a message telling you that you can temporarily print with only black ink, click the **Proceed** button.
3. If you want to print in monochrome, select **No, remind me later**. The ongoing job is canceled, and you can print on plain paper with margins around the edges.

Parent topic: [Printing with Black Ink and Expended Color Cartridges](#)

Printing with Expended Color Cartridges - Windows

If you see a message during printing telling you that you can temporarily print in black ink with an expended color cartridge, you can cancel your print job and select settings to print on plain paper or on an envelope.

Note: If you are using your Epson product with the Windows 10 S operating system, you cannot use the software described in this section. You also cannot download and install any Epson product software from the Epson website for use with Windows 10 S; you must obtain software only from the Windows Store.

Note: To use this feature, Epson Status Monitor must be enabled.

1. Click **Cancel** or **Cancel Print** to cancel your print job.

Note: If the message screen appears on another computer on a network, you may need to cancel the print job using the product control panel.

2. Load plain paper or an envelope in your product.
3. Access the print settings in your print application.
4. Click the **Main** tab.
5. Select **Plain Paper/Bright White Paper** or **Envelope** as the paper type setting.
6. Select the **Black/Grayscale** checkbox.
7. Click **OK**.
8. Print your document.
Epson Status Monitor 3 displays a print message.
9. Click **Print in Black** to print your document.


Parent topic: [Printing with Black Ink and Expended Color Cartridges](#)

Printing with Expended Color Cartridges - Mac

If printing stops, you can cancel your print job and select settings to temporarily print with only black ink on plain paper or on an envelope.

The following paper types support printing with expended color cartridges:

- Plain paper
- Pre-printed paper
- Letterhead
- Color paper
- Recycled paper

- High-quality plain paper
 - Thick paper
 - Envelopes
1. Click the printer icon in the Dock.
 2. If you see a message telling you that you can temporarily print with only black ink, click the **Delete** or  button to cancel your print job. If you see an error message, click **OK**.

Note: If the message screen appears on another computer on a network, you may need to cancel the print job using the product control panel.

3. In the Apple menu or the Dock, select **System Preferences** or **System Settings**.
4. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**.
5. Select **Driver** or **Options**.
6. Select **On** as the **Permit temporary black printing** setting.
7. Click **OK**.
8. Close the utility window.
9. Load a paper type compatible with temporary black printing in your product.
10. Select **Print Settings** from the pop-up menu.
11. Select a non-borderless paper size as the **Paper Size** setting.
12. Select a paper type that supports **Permit temporary black printing** as the media type setting.
13. Select the **Grayscale** option as the color setting.
14. Click **Print** to print your document.

Parent topic: [Printing with Black Ink and Expended Color Cartridges](#)

Conserving Low Black Ink with Windows

The following window appears when black ink runs low and there is more color ink.

Note: The window appears only when you have selected **Plain Paper/Bright White Paper** as the paper type setting, and depends on other selected print settings. To use this feature, Epson Status Monitor must be enabled.

- Click **Yes** to use a mixture of color inks to create black, or **No** to continue using the remaining black ink for the document you are printing.
- Click **Disable this feature** to continue using the remaining black ink.

Note: If you disable this feature, it remains disabled until you install a new black ink cartridge.

Parent topic: [Replacing Ink Cartridges, Maintenance Boxes, and Cassette Rollers](#)

Adjusting Print Quality

If your print quality declines, you may need to run a utility to clean or align the printhead.

Note: If you are using your Epson product with the Windows 10 S operating system, you cannot use the software described in this section. You also cannot download and install any Epson product software from the Epson website for use with Windows 10 S; you must obtain software only from the Windows Store.

If running these utilities does not solve the problem, you may need to replace the ink cartridges.

[Print Quality Adjustment](#)

[Printhead Maintenance](#)

[Print Head Alignment](#)

[Cleaning the Paper Guide](#)

Print Quality Adjustment

If your printouts become grainy or blurry, you notice misalignment of vertical lines, or you see dark or light horizontal bands, you may need to adjust the print quality.

Note: Banding may also occur if your print head nozzles need cleaning.


[Adjusting the Print Quality Using the Product Control Panel](#)

[Adjusting the Quality for Each Paper Type](#)

Parent topic: [Adjusting Print Quality](#)

Adjusting the Print Quality Using the Product Control Panel

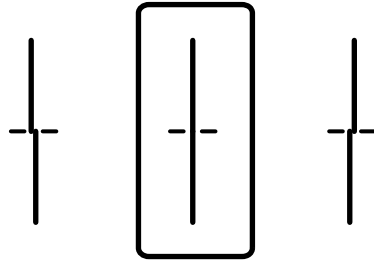
You can adjust the print quality using the control panel on your product.

1. Make sure there are no errors on the LCD screen.
2. Load a few sheets of plain paper in the product.
3. Press the  home button, if necessary.
4. Select **Maintenance > Print Quality Adjustment**.

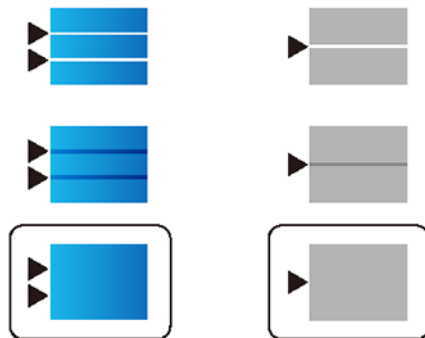
5. Follow the on-screen instructions to print an alignment sheet.

Note: Do not cancel printing while you are printing head alignment patterns.

6. Check the printed patterns on the alignment sheet and select the following on the LCD screen:
 - For patterns 1 and 2, select the number representing the pattern with the least misaligned vertical line.



- For patterns 3 and 4, select the number representing the pattern with the least amount of separation or overlap.



7. Select **Done**.


Parent topic: [Print Quality Adjustment](#)

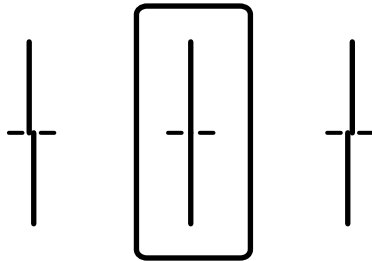
Related topics

[Loading Paper](#)

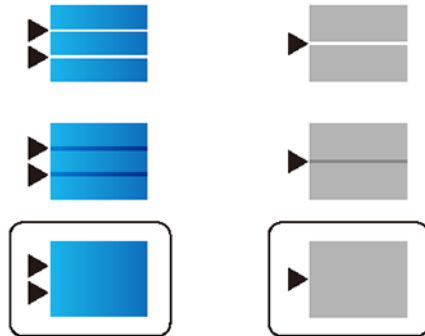
Adjusting the Quality for Each Paper Type

If you still notice dark or light bands in your printouts after adjusting the print quality, you can adjust the quality for each paper type.

1. Make sure there are no errors on the LCD screen.
2. Load the paper type you want to adjust the quality for into the printer.
3. Press the  home button, if necessary.
4. Select **Maintenance** > **Print Quality Adjustment per Paper**.
5. Select one of the following options:
 - **Print Pattern** to adjust the paper type for your printer
 - **Enter Set Value** to enter paper type alignment information for use on multiple printers of the same model
6. Select the paper type you loaded into the printer.
7. If you printed a pattern, check the printed patterns on the alignment sheet and select the following on the LCD screen:
 - For patterns 1 and 2, select the number representing the pattern with the least misaligned vertical line.



- For patterns 3 and 4, select the number representing the pattern with the least amount of separation or overlap.



8. Select **Done**.

Parent topic: [Print Quality Adjustment](#)

Related topics

[Loading Paper](#)

Printhead Maintenance

If your printouts become too light, or you see dark or light bands across them, you may need to clean the printhead nozzles. Cleaning uses ink, so clean the nozzles only if print quality declines.

You can check for clogged nozzles before you clean them so you don't clean them unnecessarily.

Note: You cannot clean the print head if an ink cartridge is expended, and may not be able to clean it when a cartridge is low. You must replace the cartridge first.

[Print Head Nozzle Check](#)

[Print Head Cleaning](#)

Parent topic: [Adjusting Print Quality](#)

Related topics

[Replacing Ink Cartridges, Maintenance Boxes, and Cassette Rollers](#)

Print Head Nozzle Check

You can print a nozzle check pattern to check for clogged nozzles.


[Checking the Nozzles Using the Product Control Panel](#)

[Checking the Nozzles Using a Computer Utility](#)

Parent topic: [Printhead Maintenance](#)

Checking the Nozzles Using the Product Control Panel

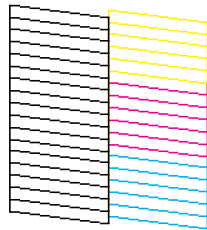
You can check the print head nozzles using the control panel on your product.

1. Make sure there are no errors on the LCD screen.
2. Load a few sheets of plain paper in the product.
3. Press the  home button, if necessary.
4. Select **Maintenance > Print Head Nozzle Check > Print.**

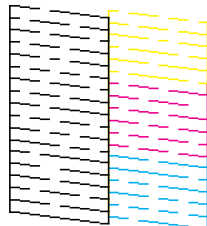
The nozzle pattern prints.



5. Check the printed pattern to see if there are gaps in the lines.

Print head is clean




Print head needs cleaning



6. Do one of the following:
 - If there are no gaps, select .
 - If there are gaps or the pattern is faint, select  and continue.
7. Follow the instructions on the screen to clean the print head, check the nozzles, and repeat the process as necessary.

Caution: Never turn off the product or open the front cover during a cleaning cycle or you may not be able to print.

If you don't see any improvement after cleaning the print head up to 4 times, turn the product off using the  power button and wait at least 6 hours. Then run a nozzle check and try cleaning the print head again, if necessary. If quality still does not improve, contact Epson support.

Parent topic: [Print Head Nozzle Check](#)

Related concepts



[Print Head Cleaning](#)

Related topics

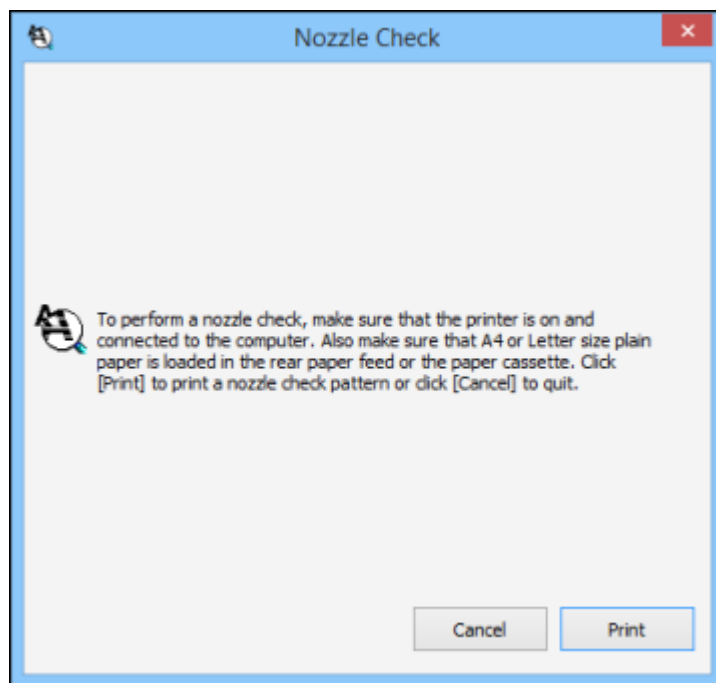
[Loading Paper](#)

Checking the Nozzles Using a Computer Utility

You can check the print head nozzles using a utility on your Windows or Mac computer.

1. Load a few sheets of plain paper in the product.
2. Do one of the following:
 - **Windows:** Access the Windows Desktop and right-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .
 - **Mac:** In the Apple menu or the Dock, select **System Preferences** or **System Settings**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.
3. Select **Nozzle Check** or **Print Head Nozzle Check**.

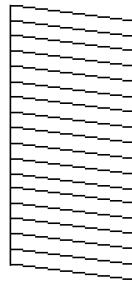
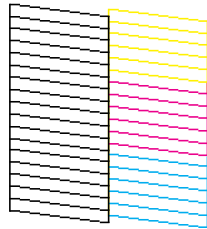
You see a window like this:



4. Click **Print**.


5. Check the printed pattern to see if there are gaps in the lines.

Print head is clean



Print head needs cleaning

6. Do one of the following:
 - If there are no gaps, click **Finish**.
 - If there are gaps or the pattern is faint, clean the print head.

If you don't see any improvement after cleaning the print head up to 4 times, turn the product off using the  power button and wait at least 6 hours. Then run a nozzle check and try cleaning the print head again, if necessary. If quality still does not improve, contact Epson support.

Parent topic: [Print Head Nozzle Check](#)

Related concepts

[Print Head Cleaning](#)

Related topics

[Loading Paper](#)

Print Head Cleaning

If print quality has declined and the nozzle check pattern indicates clogged nozzles, you can clean the print head.

Note: You cannot clean the print head if an ink cartridge is expended, and may not be able to clean it when a cartridge is low. You must replace the cartridge first.

[Cleaning the Print Head Using the Product Control Panel](#)

[Cleaning the Print Head Using a Computer Utility](#)


Parent topic: [Printhead Maintenance](#)

Related tasks

[Removing and Installing Ink Cartridges](#)

Cleaning the Print Head Using the Product Control Panel

You can clean the print head using the control panel on your product.

1. Make sure there are no errors on the LCD screen.
2. Load a few sheets of plain paper in the product.
3. Press the  home button, if necessary.
4. Select **Maintenance** > **Print Head Cleaning** > **Start** to clean the print head.

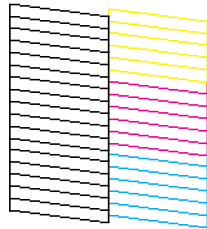
When the cleaning cycle is finished, you see a message on the screen.

Caution: Never turn off the product or open the front cover during a cleaning cycle or you may not be able to print.

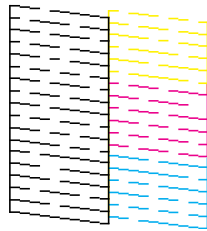
5. Follow the on-screen instructions to load to print a nozzle check pattern and confirm that the print head is clean.


6. Check the printed pattern to see if there are gaps in the lines.

Print head is clean



Print head needs cleaning



If you don't see any improvement after cleaning the print head up to 4 times, turn the product off using the  power button and wait at least 6 hours. Then run a nozzle check and try cleaning the print head again, if necessary. If quality still does not improve, contact Epson support.

Parent topic: [Print Head Cleaning](#)

Related topics



[Loading Paper](#)

Cleaning the Print Head Using a Computer Utility

You can clean the print head using a utility on your Windows or Mac computer.

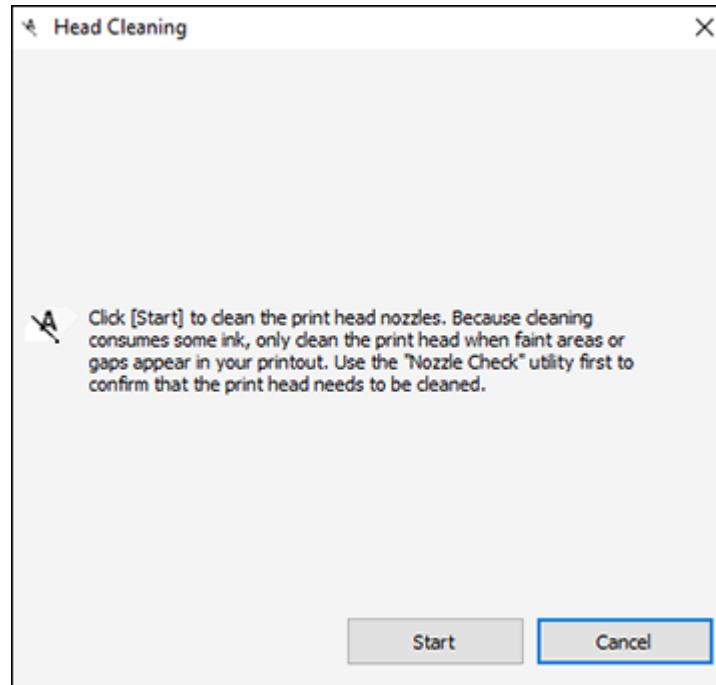
1. Make sure there are no errors on the LCD screen.
2. Load a few sheets of plain paper in the product.

3. Do one of the following:


- **Windows:** Access the Windows Desktop and right-click the  icon for your product in the right side of the Windows taskbar, or click the up arrow and right-click .
- **Mac:** In the Apple menu or the Dock, select **System Preferences** or **System Settings**. Select **Print & Fax**, **Print & Scan**, or **Printers & Scanners**, select your product, and select **Options & Supplies**. Select **Utility** and select **Open Printer Utility**.

4. Select **Head Cleaning** or **Print Head Cleaning**.

You see a window like this:



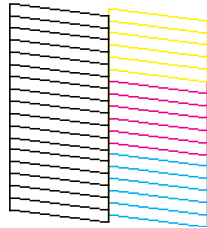
5. Click **Start** to begin the cleaning cycle.

The  power light flashes throughout the cleaning cycle and stays on when the cleaning cycle is finished.

Caution: Never turn off the product or open the front cover during a cleaning cycle or you may not be able to print.

6. When the cleaning cycle is finished, you can check to see if the nozzles are clean; click **Print Nozzle Check Pattern** and click **Print**.
7. Check the printed pattern to see if there are gaps in the lines.

Print head is clean



Print head needs cleaning

- If there are no gaps, click **Finish**.
- If there are gaps or the pattern is faint, click **Clean** to clean the print head again.

If you don't see any improvement after cleaning the print head up to 4 times, turn off the product and wait at least 6 hours. Then check the print head nozzles and try cleaning the print head again, if necessary. If quality still does not improve, contact Epson.

Parent topic: [Print Head Cleaning](#)

Related topics

[Loading Paper](#)

Print Head Alignment

If your printouts become grainy or blurry or you notice misalignment of vertical lines, you may need to align the print head.


Note: Banding may also occur if your print head nozzles need cleaning.

[Aligning the Print Head Using the Product Control Panel](#)

Parent topic: [Adjusting Print Quality](#)

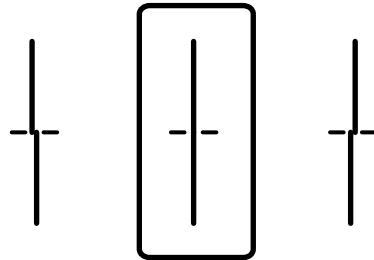
Aligning the Print Head Using the Product Control Panel

You can align the print head using the control panel on your product.

1. Make sure there are no errors on the LCD screen.
2. Load a few sheets of plain paper in the product.
3. Press the  home button, if necessary.
4. Select **Maintenance** > **Ruled Line Alignment**.
5. Follow the on-screen instructions to print an alignment sheet.

Note: Do not cancel printing while you are printing head alignment patterns.

6. Check the printed patterns on the alignment sheet and select the number representing the pattern with the least misaligned vertical line on the LCD screen:



7. Select **Done**.

Parent topic: [Print Head Alignment](#)


Related topics

[Loading Paper](#)

Cleaning the Paper Guide

If you see ink on the back of a printout, you can clean the paper guide roller to remove any excess ink. If paper does not feed correctly from the rear paper feed slot, you can use a cleaning sheet to clean the rollers.

1. If printouts are smeared or scuffed, load plain paper in the paper source that you want to clean in this size: A4 (8.3 × 11.7 inches [210 × 297 mm]).

2. Press the  home button, if necessary.
3. Select **Maintenance > Paper Guide Cleaning**.
4. Select the paper source you want to clean and select **Start**.
5. Do one of the following:
 - If the paper came out clean, select **Finish**.
 - If the paper did not come out clean, select **Run** to clean the paper guide again. Repeat these steps as necessary until the paper comes out clean. If you are using a cleaning sheet, repeat these steps up to 3 times.

Note: If the paper is still smeared or scuffed, repeat these steps to clean the other paper sources.

Parent topic: [Adjusting Print Quality](#)

Related topics

[Loading Paper](#)

Cleaning and Transporting the Product

If your product gets dirty or you need to move it some distance, follow the instructions in these sections.


[Cleaning Your Product](#)

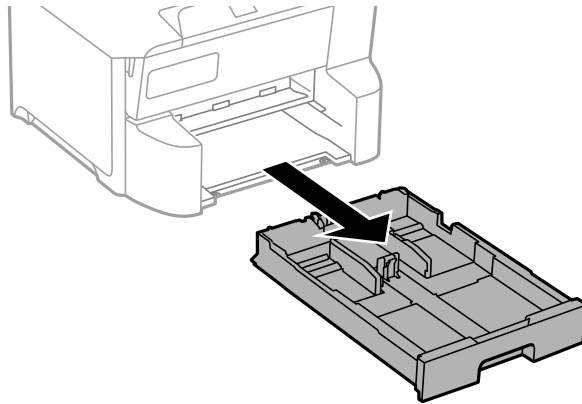
[Transporting Your Product](#)

Cleaning Your Product

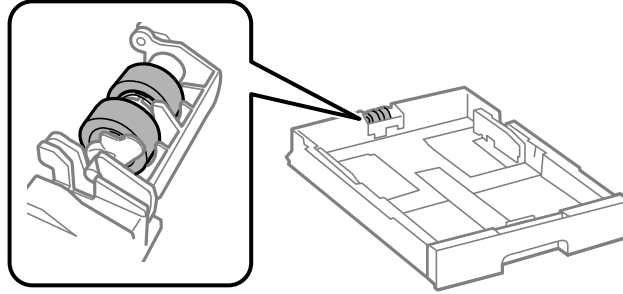
To keep your product working at its best, you should clean it several times a year.

Caution: Do not use a hard brush, alcohol, or paint thinner to clean the product or you may damage it. Do not use oil or other lubricants inside the product or let water get inside it.

1. Turn off the product.
2. Wait for the  power light to turn off, then unplug the power cord.
3. Disconnect any connected cables.
4. Remove all the paper from the product.
5. Pull out the paper cassette.



6. Use a soft, moist cloth to clean the cassette roller.



Caution: Using a dry cloth can damage the surface of the roller.

7. Insert the paper cassette all the way into the printer.
8. Repeat steps 5 through 7 for any additional paper cassettes.
9. Clean the outer case and control panel with a soft, dry cloth. Do not use liquid or chemical cleansers.

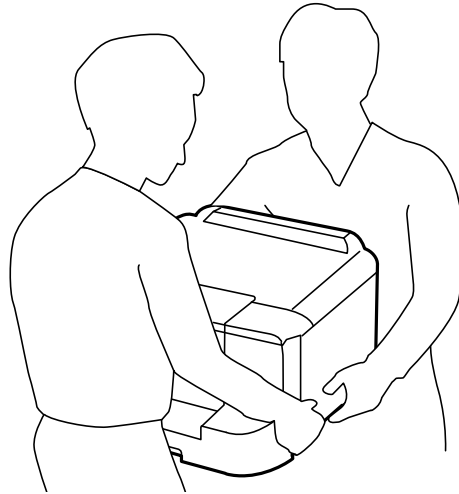
Parent topic: [Cleaning and Transporting the Product](#)

Transporting Your Product

If you need to store your product or transport it a long distance, prepare it for transportation as described here.


Caution: During transportation and storage, follow these guidelines:

- Because the product is heavy, two or more people should lift and carry it using the hand position shown:



- Avoid tilting the product, positioning it vertically, or turning it upside down; otherwise ink may leak.
- Leave the ink cartridges installed. Removing the cartridges can dry out the print head and may prevent the product from printing.
- Leave the maintenance box installed; otherwise ink may leak.

Note: Before storing your product for a long period, replace low, expended, or expired ink to help prevent the print head from drying out. Store your product in a cool, dry place.

1. Turn off the product.
2. Wait for the  power light to turn off, then unplug the power cord.
3. Remove all the paper from the product.
4. Disconnect any connected cables.

5. Close the rear paper support and remove the output tray.

Note: Do not place the output tray on top of the product. The output tray can fall while the product is being moved and you can be injured.

6. Remove the optional cabinet and paper cassettes (if they are installed) before lifting the product.

Note: If the optional cabinet is installed, you can use the casters on the cabinet to roll the product instead of lifting it. Remove the cabinet stands and unlock the casters before moving the product. Do not roll the product over uneven or rough surfaces to avoid harsh impacts to the product.

7. Place the product in its original packing materials, if possible, or use equivalent materials with cushioning around the product. Make sure the box adequately protects the product control panel.

Parent topic: [Cleaning and Transporting the Product](#)

Related concepts

[Print Head Cleaning](#)

[Print Quality Adjustment](#)

Related tasks

[Removing and Installing Ink Cartridges](#)

Administering Your Product

Follow the instructions in these sections to configure your product's administrator settings using the Web Config software.

Note: Before you can configure system administration settings, you must connect the product to a network.

[Accessing the Web Config Utility](#)

[Changing the Administrator Password in Web Config](#)

[Configuring Product Settings](#)

[Configuring Security Settings](#)

[Using Your Product on a Secure Network](#)

[Setting Up Universal Print \(Microsoft\)](#)

[Using Epson Device Admin Configuration Software](#)

Accessing the Web Config Utility

You can select your product's network settings and confirm its operating status using a web browser. You do this by accessing your product's built-in Web Config utility from a computer or other device that is connected to the same network as your product.

Note: You can also access the Web Config utility from the product information area in the Epson Smart Panel app.

- 1.
2. Locate the IP address for your product that is listed on the network status sheet.
3. On a computer or other device connected to the same network as your product, open a web browser.
4. Enter your product's IP address into the address bar.

Note: The printer uses a self-signed certificate when accessing HTTPS. This may cause a warning message when you access Web Config. This does not indicate a problem and can be ignored.

5. Select **Log In** and enter the administrator password. The administrator password is required to access the full capabilities of the Web Config utility. The default password is the product's serial number. Check the label on your product to locate the serial number.

You see the available Web Config utility options.

Parent topic: [Administering Your Product](#)

Changing the Administrator Password in Web Config

You can change the administrator password using your product's control panel, Web Config, or Epson Device Admin. You use the same administrator password in all cases.

Note: If you forget your administrator password, contact Epson for support.

1. Access Web Config as an administrator and select the **Product Security** tab.
2. Select **Change Administrator Password**.
3. Enter a user name, if necessary.
4. Enter the current password, then enter and confirm the new password in the fields provided.

Note: The default password is the product's serial number. Check the label on the back of the product to locate the serial number. The default user name is blank.

5. Click **OK**.

Note: To restore the administrator password to the default value, select **Restore Default Settings** on the **Change Administrator Password** screen.

Parent topic: [Administering Your Product](#)

Configuring Product Settings

Follow the instructions in these sections to configure your product's control panel settings using the Web Config software.

[Checking Status Information](#)

[Managing the Network Connection](#)

[Setting Control Panel Options](#)

[Sending Email Notifications](#)

[Adjusting Power Saving Settings](#)
[Importing and Exporting Product Settings](#)
[Updating Firmware Using Web Config](#)
[Synchronizing the Date and Time with a Time Server](#)
[Clearing the Internal Memory](#)
[Powering Off or Rebooting the Product Remotely](#)
[Restoring Default Product Settings](#)

Parent topic: [Administering Your Product](#)

Checking Status Information

You can check information about the printer using the Web Config interface.

Note: Depending on the features of your product, not all of the options below may be available. Some options are not available unless you are logged in to the Web Config interface.

1. Enter the IP address of the printer to access Web Config and log in as an administrator, if necessary.
2. Select the **Status** tab and choose one of the following options:
 - Select **Product Status** to view information such as ink level and maintenance box status.
 - Select **Network Status** to view network information such as the IP address and network connection status.
 - Select **Usage Status** to view information about the number of prints and historical information about the product.
 - Select **Hardware Status** to view information about the product functions.
 - Select **Panel Snapshot** to view a image of the current LCD screen.

Parent topic: [Configuring Product Settings](#)

Managing the Network Connection

You can check or update the network information for your product using the Web Config interface.

1. Enter the IP address of the product in a web browser and log in as an administrator.
2. Select the **Network** tab, then select **Basic**.
3. Check or update the settings as necessary.
4. Select **Next** to see a summary of the network settings.

5. Select **OK** to accept the changes.

Note: The network connection will be temporarily interrupted to enable the new settings.

6. Select the other network options as necessary:

- **Wi-Fi:** Displays the current wireless network connection information. Select **Setup** to run the wireless setup again or **Disable Wi-Fi** to turn off Wi-Fi.
- **Wired LAN:** Displays the current settings for the wired connection. Change the settings as necessary and then select **Next** to view the changes. Confirm the information and select **OK** to apply the changes.
- **Wi-Fi Direct:** Displays the current settings for the Wi-Fi Direct network. Adjust the settings as necessary and select **Next** to view the changes. Confirm the information and select **OK** to apply the changes.

[Network Settings](#)

Parent topic: [Configuring Product Settings](#)

Network Settings

The following network settings are available under the **Network** tab in the Web Config interface.

Basic

Setting	Description
Device Name	Displays the Device Name. You can enter a new name to change the name of the device.
Location	Displays a user-entered location for the printer
Obtain IP Address	Sets the IP Address; if set to Manual , enter the information in the appropriate fields
Set using BOOTP	Enables IP addressing using BOOTP
Set using Automatic Private IP Addressing (APIPA)	Enables IP addressing using APIPA
IP Address	Displays the IP address. If you are manually entering the IP address, enter it in the format xxx.xxx.xxx.xxx (where xxx is a number between 0 and 255). Make sure the address is unique and does not conflict with any other device on your network.

Setting	Description
Subnet Mask	Displays the subnet mask. If you are manually entering the subnet mask, enter it in the format xxx.xxx.xxx.xxx (where xxx is a number between 0 and 255).
Default Gateway	Displays the default gateway address. If you are manually setting the default gateway, enter it in the format xxx.xxx.xxx.xxx (where xxx is a number between 0 and 255).
DNS Server Setting	Selects the DNS server setting. If the Obtain IP Address setting is set to Manual , this setting is also set to Manual .
Primary DNS Server	Enter the address of the primary DNS server in the format xxx.xxx.xxx.xxx (where xxx is a number between 0 and 255).
Secondary DNS Server	Enter the address of the secondary DNS server in the format xxx.xxx.xxx.xxx (where xxx is a number between 0 and 255).
DNS Host Name Setting	Sets the DNS Host Name selection method.
DNS Host Name	Displays the current DNS Host Name.
DNS Domain Name Setting	Sets the DNS Domain Name selection method
DNS Domain Name	Specifies the DNS domain name. The name must conform to the following format: <ul style="list-style-type: none"> • Enter between 2 and 249 characters using only the characters "A-Z", "a-z", "0-9", hyphen "-", and a period "." • The first character cannot be a "0-9", hyphen "-", or a period "." • The last character cannot be a hyphen "-" or a period "." • Each label in the domain name must be between 1 and 63 characters and separated by a period. • The total number of characters in the host and domain name must not exceed 251.
Register the network interface address to DNS	Allows you to register the host and domain names through a DHCP server that supports Dynamic DNS
Proxy Server Setting	Enables the use of a proxy server
Proxy Server	Specifies the name of the proxy server in either IPv4 or FQDN format

Setting	Description
Proxy Server Port Number	Specifies the port number for the proxy server (between 1 and 65535)
Proxy Server User Name	Specifies the user name for the proxy server (0-255 ASCII characters [0x20-0x7E])
Proxy Server Password	Specifies the password for the proxy server (0-255 ASCII characters [0x20-0x7E])
IPv6 Setting	Enables the use of IPv6 addressing
IPv6 Privacy Extension	Enables the use of private IPv6 addresses
IPv6 DHCP Server Setting	Enables the use of a IPv6 DHCP server
IPv6 Address	<p>Specifies the IPv6 address. The address must conform to the following format:</p> <ul style="list-style-type: none"> • xxxx: xxxx: xxxx: xxxx: xxxx: xxxx: xxxx / prefix • xxxx is a hexadecimal number from 1 to 4 digits, and the prefix is a decimal number from 1 to 128. • If there are consecutive blocks where xxxx is all zeros, it can be omitted as ::. (Only one block can be omitted.)
IPv6 Address Default Gateway	<p>Specifies the IPv6 address of the default gateway. The address must conform to the following format:</p> <ul style="list-style-type: none"> • xxxx: xxxx: xxxx: xxxx: xxxx: xxxx: xxxx: xxxx • xxxx is a hexadecimal number from 1 to 4 digits • If there are consecutive blocks where xxxx is all zeros, it can be omitted as ::. (Only one block can be omitted.)
IPv6 Link-Local Address	Displays the valid IPv6 Link-Local Address
IPv6 Stateful Address	Displays the valid IPv6 Stateful Address
IPv6 Stateless Address 1	Displays the valid IPv6 Stateless Address 1
IPv6 Stateless Address 2	Displays the valid IPv6 Stateless Address 2
IPv6 Stateless Address 3	Displays the valid IPv6 Stateless Address 3

Setting	Description
IPv6 Primary DNS Server	<p>Specifies the address for the IPv6 primary DNS server. The address must conform to the following format:</p> <ul style="list-style-type: none"> • xxxx: xxxx: xxxx: xxxx: xxxx: xxxx: xxxx: xxxx • xxxx is a hexadecimal number from 1 to 4 digits • If there are consecutive blocks where xxxx is all zeros, it can be omitted as ::. (Only one block can be omitted)
IPv6 Secondary DNS Server	<p>Specifies the address for the IPv6 secondary DNS server. The address must conform to the following format:</p> <ul style="list-style-type: none"> • xxxx: xxxx: xxxx: xxxx: xxxx: xxxx: xxxx: xxxx • xxxx is a hexadecimal number from 1 to 4 digits • If there are consecutive blocks where xxxx is all zeros, it can be omitted as ::. (Only one block can be omitted.)
IEEE802.11k/v	Enables the use of IEEE802.11k/v network environments
IEEE802.11r	Enables the use of IEEE802.11r network environments

Wired LAN

Setting	Description
Link Speed and Duplex	Selects the communication mode for the wired connection
IEEE 802.3az	Enables the use of IEEE 802.3az network environments

Wi-Fi Direct

Setting	Description
Wi-Fi Direct	Enables the product's Wi-Fi Direct network
SSID	You can change part of the SSID for the product.
Password	<p>Specifies the password for the Wi-Fi Direct network.</p> <p>Note: Changing the password will disconnect any devices currently connected to the network.</p>

Setting	Description
Frequency Range	Selects the frequency range used by the Wi-Fi Direct network.
IP Address	Specifies the IP address for the Wi-Fi Direct network. If set to Manual , enter the IP address in the provided fields.

Parent topic: [Managing the Network Connection](#)

Setting Control Panel Options

You can configure the behavior of the product control panel using the Web Config interface or the menus on the control panel.

1. Enter the IP address of the product in a web browser and log into Web Config as an administrator.
2. Select **Device Management > Control Panel** and set the following items as necessary:
 - **Language:** Sets the display language
 - **Panel Lock:** Requires an administrator login to access some menu settings on the control panel. The administrator password must be set to enable this feature.
 - **Operation Timeout:** Cancels operations and automatically logs out users after a selected time period. You can select a time period between 10 seconds and 240 minutes.

Parent topic: [Configuring Product Settings](#)

Sending Email Notifications

You can set up email notifications that will be sent when an event occurs on the product. You can register up to five destinations.

Note: You must have configured a mail server before setting up notifications.

1. Enter the IP address of the product in a web browser and log into Web Config as an administrator.
2. Select the **Device Management** tab, then select **Email Notification**.
3. Set the contents of the email subject line by selecting items from the drop-down menus.

Note: You cannot select the same item in both menus. If the Location setting is longer than 32 bytes, it will be truncated in the Subject line.

4. Enter up to five email addresses to receive the notification emails, and select the language of the notification email.
5. In the Notification Settings area, select one or more email addresses to receive a notification for each event.
6. Click **OK** to apply the settings.

Note: To clear the email notification settings, select **Restore Default Settings**. This clears all email notification settings, not just the changes made in the current session.

Parent topic: [Configuring Product Settings](#)

Adjusting Power Saving Settings

The product can automatically enter sleep mode or turn off after it has not been used for a while. You can set the delay before the product enters sleep mode or turns off.

1. Log in to the Web Config interface as an administrator.
2. Select the **Device Management** tab, then select the **Power Saving** setting.
3. Set **Sleep Timer** to the number of minutes before the product enters a low-power mode.
4. Select **Power Off Timer** to set the amount to time of inactivity before the product turns off.

Note: If you are using a printer with the fax feature enabled, select **None**.

5. Click **OK**.

Note: You can also configure the power saving settings using the control panel by selecting **Settings > General Settings > Basic Settings** and selecting the feature you want to change.

Parent topic: [Configuring Product Settings](#)

Importing and Exporting Product Settings

Follow the instructions in these sections to import and export your product's settings using the Web Config software.

[Exporting Settings Using Web Config](#)

[Importing Settings Using Web Config](#)

Parent topic: [Configuring Product Settings](#)

Exporting Settings Using Web Config

You can export your product's settings and optionally encrypt the settings file with a password.

1. Log in to the Web Config interface as an administrator.
2. Select the **Device Management** tab, then select **Export** under **Export and Import Setting Value**.
3. Select the settings you want to export.

Note: If you select a parent category, the child categories are also selected. By default, items that are unique on the network, such as IP address, cannot be selected. If you want to export these items, select **Enable to select the individual settings of device**. It is recommended that you export only unique items when replacing a product on the network, otherwise you may encounter conflicts on the network.

4. Enter an encryption password, if desired.
5. Click **Export** and save the file.

Parent topic: [Importing and Exporting Product Settings](#)

Importing Settings Using Web Config

You can import settings to your product that you have exported previously. If encryption was used when the settings were exported, obtain the necessary password before you import.

Note: When importing values that include individual information such as a printer name or IP address, make sure the same IP address does not already exist on the same network.

1. Log in to the Web Config interface as an administrator.
2. Select the **Device Management** tab, then select **Import** under **Export and Import Setting Value**.
3. Click **Browse** and select the exported settings file.
4. If necessary, enter the decryption password.
5. Click **Next**.
6. Select the settings to import and click **Next**.
7. Click **OK**.

The selected settings are imported to the product.

Parent topic: [Importing and Exporting Product Settings](#)

Updating Firmware Using Web Config

If your product is connected to the Internet, you can update the product firmware using Web Config.

1. Log in to the Web Config interface as an administrator.
2. Select **Device Management > Firmware Update**.
3. Click **Start** to check for the latest firmware.
4. If there is a firmware update, click **Start** to begin the update.

Note: Make sure the product is not in use and clear any errors on the LCD screen before starting the update. You can also schedule a firmware update by selecting **Automatic Firmware Update** from the menu.

Parent topic: [Configuring Product Settings](#)

Synchronizing the Date and Time with a Time Server

You can synchronize the product with an NTP time server to set the date and time on the product.

Note: If you are using a CA certificate or Kerberos authentication, it is recommended to use a time server to set the date and time.

1. Log in to the Web Config interface as an administrator.
2. Select the **Device Management** tab, then select the **Date and Time > Time Server** setting.
3. Set **Use Time Server** to **Use**.
4. Enter the time server address in **Time Server Address**. You can use the IPv4, IPv6, or FQDN format for the address. You are limited to 252 characters.

Note: If you do not specify the address, leave it blank.

5. Enter an update interval (up to 10080 minutes) in **Update Interval (min)**.
6. Click **OK** to update the settings.

Note: You can see the time server connection status next to **Time Server Status**.

Parent topic: [Configuring Product Settings](#)

Clearing the Internal Memory

You can delete the contents of the product's internal memory, such as password-protected print jobs and downloaded PCL fonts and macros using the Web Config interface. You cannot select individual items to delete.

1. Log in to the Web Config interface as an administrator.
2. Select the **Device Management** tab, then select the **Clear Internal Memory Data** setting.
3. Select **Delete** and confirm your selection.

Parent topic: [Configuring Product Settings](#)

Powering Off or Rebooting the Product Remotely

You can power off or reboot the product using the Web Config interface.

1. Log in to the Web Config interface as an administrator.
2. Select the **Device Management** tab, then select the **Power** setting.
3. Select a power option from the drop down menu and select **Execute**.

Note: After turning off the product, you cannot access Web Config until the product is turned on again.

Parent topic: [Configuring Product Settings](#)

Restoring Default Product Settings

You can reset the product to the default settings using the Web Config interface.

1. Log in to the Web Config interface as an administrator.
2. Select the **Device Management** tab, then select the **Restore Default Settings** setting.
3. Select an option from the drop-down list. You can either restore network settings or all data and settings.
4. Select **Execute** and confirm your selection to restore the product settings.

Parent topic: [Configuring Product Settings](#)

Configuring Security Settings

Follow the instructions in these sections to configure internal security features for your product using the Web Config software.

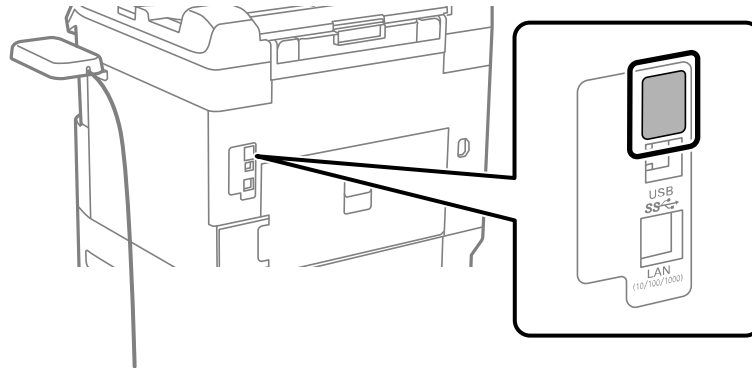
[Connecting an Authentication Device](#)

- Restricting Features Available for Users
 - Disabling the External Interface
 - Setting Up Password Encryption
 - Working with Audit Logs
 - Restricting PDL File Operations
 - Enabling Program Verification on Start Up
- Parent topic:** [Administering Your Product](#)

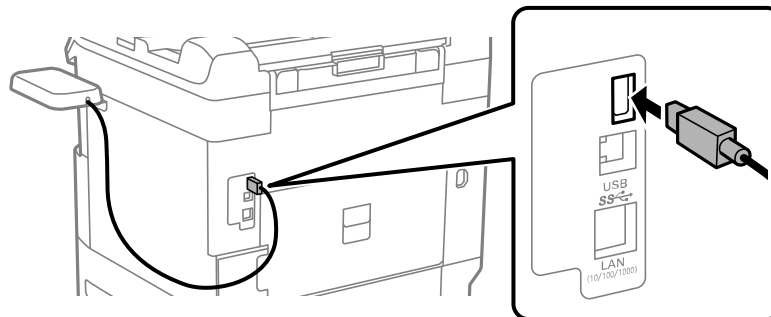
Connecting an Authentication Device

You can connect an authentication device such as an IC card reader using a USB cable, and check the functionality of the reader using the Web Config interface.

1. Remove the sticker covering the service port on the rear of the product.



2. Connect the card reader's USB cable to the service port on the product.



3. Access Web Config and log in using the administrator name and password.

Note: You can also check the card reader status on the product control panel by selecting **Settings > Authentication Device Status**.

4. Select **Device Management > Card Reader**.
5. Set the card reader parameters as necessary.
6. Select **Check** to verify the connection status of the authentication device.

Note: To confirm that the authentication device can recognize an authentication card, hold the card over the reader while you select **Check**.

7. Click **Next**.
8. Click **OK** to confirm the settings.

Parent topic: [Configuring Security Settings](#)

Restricting Features Available for Users

Follow the instructions in these sections to restrict users from using certain product features and create an administrator password to lock the restrictions using the Web Config software.

[User Feature Restriction](#)

[Configuring User Feature Restrictions](#)

Parent topic: [Configuring Security Settings](#)

User Feature Restriction

You can restrict available product features for individual users, with different features available to each user. This requires users to log into the product control panel with their user name and password before they can use control panel features.

With Windows, you can also restrict printing from the product software. This requires users to log into the printing software, and allows the software to authenticate the users before printing proceeds. For instructions on setting up software restrictions, see the help utility in the printing or scanning software.

Parent topic: [Restricting Features Available for Users](#)

Configuring User Feature Restrictions

You can create up to 10 user accounts and restrict access to control panel features separately for each one.

Note: If you are using an authentication system, it uses the number one user account. If you create other user accounts, use the number two to number 10 user accounts.

1. Access Web Config as an administrator and select the **Product Security** tab.
2. Select the **Enables Access Control** checkbox.
3. If you have configured the product for an LDAP server, you can deselect the **Allows printing and scanning without authentication information from a computer** checkbox to prevent the product from receiving jobs sent from these sources:
 - The default operating system driver
 - A PCL or PostScript printer driver
 - Web services such as Epson Connect
 - Smartphones and other mobile devices
4. Click **OK**.
5. Select **User Settings**.
6. Click **Add**.
7. Enter a name for a user in the User Name field following the guidelines on the screen. Use ASCII (0x20-0x7E) characters.
8. Enter a password for the user in the Password field following the guidelines on the screen.

Note: If you need to reset a password, leave the password field blank.

9. Select the checkbox for each function you want the user to be able to perform, and deselect the checkbox for each function you want to restrict access to.
10. Click **Apply**.

Note: When you edit a completed user account, you see a **Delete** option. Click it to delete a user, if necessary.

Note: You can import and export a list of user features using EpsonNet Config. See the help utility in the software for instructions.

Parent topic: [Restricting Features Available for Users](#)

Disabling the External Interface

You can restrict the ability to connect from a computer using a USB connection or accessing a connected USB device or memory card.

Note: Depending on your product features, not all of the options listed below may be available.

1. Access Web Config as an administrator and select **Product Security > External Interface**.
2. Select **PC Connection via USB** and do one of the following:
 - Select **Disable** to prevent a computer from connecting to the product over a USB connection.
 - Select **Enable** to allow a computer to connect to the product over a USB connection.
3. Click **OK** to save your setting.

Parent topic: [Configuring Security Settings](#)

Setting Up Password Encryption

You can set up password encryption to protect confidential information stored in the product.

1. Log in to the Web Config interface as an administrator.
2. Select the **Product Security** tab and select **Password Encryption**.
3. Select **On** and select **OK**.

A message appears about restarting the product. Select **OK**.
4. Turn the product off and then on again to apply the password encryption setting.

Note: The product may take longer than usual to turn on. This is normal.

Parent topic: [Configuring Security Settings](#)

Working with Audit Logs

You can enable the Audit Log feature or export audit log data using the Web Config interface. Audit logs can be used to track security issues or identify improper usage.

1. Log in to the Web Config interface as an administrator.
2. Select the **Product Security** tab, then select the **Audit Log** setting.
3. Select **ON** and then click **OK** to enable the audit log feature.
4. Select **Export** to export the audit log data to a CSV file, or select **Delete** to delete all audit logs.

Parent topic: [Configuring Security Settings](#)

Restricting PDL File Operations

You can protect files from unauthorized PDL operations using the Web Config interface.

1. Log in to the Web Config interface as an administrator.
2. Select the **Product Security** tab, then select the **File Operations from PDL** setting.
3. Select **Allowed** or **Not Allowed** to enable or disable PDL file operations and select **OK** to apply your setting.

Parent topic: [Configuring Security Settings](#)

Enabling Program Verification on Start Up

Your product automatically checks whether unauthorized third parties have tampered with the program when the product starts up. If it detects that the product has been rewritten with invalid firmware, it will stop and update the firmware.

If you enable **Do not start if tampering is detected**, the printer will display an error and stop booting. It is not recommended to enable the **Do not start if tampering is detected** setting as the default setting.

1. Log in to the Web Config interface as an administrator.
2. Select the **Product Security** tab, then select **Program Verification on Start Up**.
3. Enable the **Do not start if tampering is detected** setting.

Parent topic: [Configuring Security Settings](#)

Using Your Product on a Secure Network

Follow the instructions in these sections to configure security features for your product on the network using the Web Config software.

[Configuring Protocols and Services in Web Config](#)

[Configuring SSL/TLS Communication](#)

[Configuring IPsec/IP Filtering](#)

[Connecting the Product to an IEEE 802.1X Network](#)

[Using a Digital Certificate](#)

Parent topic: [Administering Your Product](#)

Configuring Protocols and Services in Web Config

You can enable or disable protocols using Web Config.

1. Access Web Config as an administrator, select **Network Security**, and select **Protocol**.
2. Select or deselect the checkbox next to the service name to enable or disable a protocol.
3. Configure any other available protocol settings.
4. Click **Next**.
5. Click **OK**.
6. Select and configure services and protocol settings as necessary.

After the protocols restart, the changes are applied.

[Protocol Settings](#)

Parent topic: [Using Your Product on a Secure Network](#)

Protocol Settings

Protocols

Name	Description
Bonjour	Bonjour is used to search for devices and AirPrint
iBeacon	Enable the iBeacon setting to search for the product from iBeacon-enabled devices
SLP	SLP is used for network searching in EpsonNet Config
WSD	Add WSD devices or print from the WSD port
LLTD	Displays the product on the Windows network map
LLMNR	Use name resolution without NetBIOS even if you cannot use DNS
LPR	Print from to the LPR port
RAW(Port9100)	Print from the RAW port (Port 9100)
RAW(Custom Port)	Print from the RAW port (custom port)
IPP	Print over the Internet, including AirPrint
FTP	Print over FTP

Name	Description
SNMPv1/v2c	Remotely set up and monitor your product
SNMPv3	Remotely set up and monitor your product with the SNMPv3 protocol

Bonjour Settings

Setting	Options/Description
Use Bonjour	Search for or use devices through Bonjour (you cannot use AirPrint if disabled)
Bonjour Name	Displays the Bonjour name
Bonjour Service Name	Displays the Bonjour service name
Location	Displays the Bonjour location name
Top Priority Protocol	Selects the protocol that is the top priority for Bonjour printing
Wide-Area Bonjour	Enables the Wide-Area Bonjour protocol; register all products on the DNS server to locate them over the segment

iBeacon Settings

Setting	Options/Description
Enable iBeacon Transmission	Enable the iBeacon transmission function

SLP Settings

Setting	Options/Description
Enable SLP	Enable the SLP function to use network searching in EpsonNet Config

WSD Settings

Setting	Options/Description
Enable WSD	Enable adding devices using WSD, and printing from the WSD port Note: If you do not want this product to search for devices, disable this setting and disable the Enable IPP setting.
Printing Timeout (sec)	Enter the communication timeout value for WSD printing between 3 and 3,600 seconds
Device Name	Displays the WSD device name
Location	Displays the WSD location name

LLTD Settings

Setting	Options/Description
Enable LLTD	Enable LLTD to display the product in the Windows network map
Device Name	Displays the LLTD device name

LLMNR Settings

Setting	Options/Description
Enable LLMNR	Enable LLMNR to use name resolution without NetBIOS, even if you cannot use DNS

LPR Settings

Setting	Options/Description
Allow LPR Port Printing	Allow printing from the LPR port
Printing Timeout (sec)	Enter the timeout value for LPR printing between 0 and 3,600 seconds

RAW (Port9100) Settings

Setting	Options/Description
Allow RAW (Port9100) Printing	Allow printing from the RAW port (Port 9100)
Printing Timeout (sec)	Enter the timeout value for RAW port (Port 9100) printing between 0 and 3,600 seconds

RAW (Custom Port) Settings

Setting	Options/Description
Allow RAW (Custom Port) Printing	Allow printing from the RAW port (custom port)
Port Number	Enter the port number for RAW printing between 1024 and 65535 (except 9100, 1865, and 2968)
Printing Timeout (sec)	Enter the timeout value for RAW port (custom port) printing between 0 and 3,600 seconds

IPP Settings

Setting	Options/Description
Enable IPP	Enable IPP communication for products that support IPP are displayed (you cannot use AirPrint if disabled)
Allow Non-secure Communication	Allow the printer to communicate without any security measures (IPP)
Communication Timeout (sec)	Enter the timeout value for IPP printing between 0 and 3,600 seconds
Require PIN Code when using IPP printing	Select whether or not to require a PIN code when using IPP printing. If you select Yes , IPP print jobs without PIN codes are not saved in the product.
URL(Network)	Displays IPP URLs (http and https) when the product is connected using wired LAN or Wi-Fi (the URL is a combined value of the product's IP address, Port number, and IPP printer name)

Setting	Options/Description
URL(Wi-Fi Direct)	Displays IPP URLs (http and https) when the product is connected using Wi-Fi Direct (the URL is a combined value of the product's IP address, Port number, and IPP printer name)
Printer Name	Displays the IPP printer name
Location	Displays the IPP location

FTP Settings

Setting	Options/Description
Enable FTP Server	Enable FTP printing for products that support FTP printing
Communication Timeout (sec)	Enter the timeout value for FTP communication between 0 and 3,600 seconds

SNMPv1/v2c Settings

Setting	Options/Description
Enable SNMPv1/v2c	Enable SNMPv1/v2c for products that support SNMPv3
Access Authority	Set the access authority when SNMPv1/v2c is enabled to Read Only or Read/Write
Community Name (Read Only)	Enter 0 to 32 ASCII characters
Community Name (Read/Write)	Enter 0 to 32 ASCII characters

SNMPv3 Settings

Setting	Options/Description
Enable SNMPv3	Enable SNMPv3 for products that support SNMPv3
User Name	Enter 1 to 32 characters
Authentication Settings	Select an algorithm and set a password for authentication
Encryption Settings	Select an algorithm and set a password for encryption
Context Name	Enter 1 to 32 characters in Unicode (UTF-8)

Parent topic: [Configuring Protocols and Services in Web Config](#)

Configuring SSL/TLS Communication

Follow the instructions in these sections to configure SSL/TLS communication using Web Config.

[Configuring SSL/TLS Settings](#)

[Configuring a Server Certificate for the Product](#)

Parent topic: [Using Your Product on a Secure Network](#)

Configuring SSL/TLS Settings

If your product supports HTTPS, you can configure SSL/TLS to encrypt communications with your product.

1. Log in to the Web Config interface as an administrator.
2. Select **SSL/TLS > Basic**.
3. Select one of the options for the **Encryption Strength** setting.
4. Select **Enable** or **Disable** for the **Redirect HTTP to HTTPS** setting as necessary.
5. If necessary, enable a TLS version.
6. Click **Next**.
You see a confirmation message.
7. Click **OK**.

Parent topic: [Configuring SSL/TLS Communication](#)

Configuring a Server Certificate for the Product

You can configure a server certificate for your product.

1. Access Web Config as an administrator and select the **Network Security** tab.
2. Under **SSL/TLS**, select **Certificate**.
3. Select one of the following options:
 - **CA-signed Certificate:** Select **Import** if you have obtained a CA-signed certificate. Choose the file to import and click **OK**.
 - **Self-signed Certificate:** Select **Update** if you have not obtained a CA (Certificate Authority)-signed certificate and want the product to generate a self-signed certificate.
4. Click **Next**.
You see a confirmation message.

5. Click **OK**.

Parent topic: [Configuring SSL/TLS Communication](#)

Configuring IPsec/IP Filtering

Follow the instructions in these sections to configure IPsec/IP traffic filtering using Web Config.

[About IPsec/IP Filtering](#)

[Configuring the Default IPsec/IP Filtering Policy](#)

[Configuring the Group IPsec/IP Filtering Policies](#)

[IPsec/IP Filtering Policy Settings](#)

[IPsec/IP Filtering Configuration Examples](#)

[Configuring an IPsec/IP Filtering Certificate](#)

Parent topic: [Using Your Product on a Secure Network](#)

About IPsec/IP Filtering

You can filter traffic to the product over the network based on IP address, service, and port by configuring a default policy that applies to every user or group connecting to the product. For control of individual users or user groups, you can configure group policies.

Note: IPsec is supported only by computers running Windows Vista or later, or Windows Server 2008 or later.

Parent topic: [Configuring IPsec/IP Filtering](#)

Configuring the Default IPsec/IP Filtering Policy

You can configure the default policy for IPsec/IP traffic filtering using Web Config.

1. Access Web Config as an administrator and select the **Network Security** tab.
2. Under **IPsec/IP Filtering**, select **Basic**.
3. Select **Enable** to enable IPsec/IP filtering.
4. Select the filtering options you want to use for the default policy.
5. Click **Next**.

You see a confirmation message.

6. Click **OK**.

Parent topic: [Configuring IPsec/IP Filtering](#)

Configuring the Group IPsec/IP Filtering Policies

You can configure group policies for IPsec/IP traffic filtering using Web Config.

1. Access Web Config as an administrator and select the **Network Security** tab.
2. Under **IPsec/IP Filtering**, select **Basic**.
3. Click a tab number for the policy number you want to configure.
4. Select the **Enable this Group Policy** checkbox.
5. Select the filtering options you want to use for this group policy.
6. Click **Next**.

You see a confirmation message.

7. Click **OK**.
8. If you want to configure additional group policies, click the next tab number and repeat the configuration steps as necessary.

Parent topic: [Configuring IPsec/IP Filtering](#)

IPsec/IP Filtering Policy Settings

Default Policy Settings

Setting	Options/Description
Access Control	Permit Access to permit IP packets to pass through Refuse Access to prevent IP packets from passing through IPsec to permit IPsec packets to pass through
IKE Version	Select the version of the Internet Key Exchange (IKE) protocol that matches your network environment
Authentication Method	Select an authentication method, or select Certificate if you have imported a CA-signed certificate
Pre-Shared Key	If necessary, enter a pre-shared key between 1 and 127 characters long
Confirm Pre-Shared Key	Confirm the pre-shared key you entered
ID Type	If you selected IKEv2 as the IKE Version setting, select the ID type from the list.

Setting	Options/Description
ID	If you selected IKEv2 as the IKE Version setting, enter the necessary ID information
Encapsulation	If you selected IPsec as the Access Control option, select one of these encapsulation modes: Transport Mode: if you are using the product on the same LAN; IP packets of layer 4 or later are encrypted Tunnel Mode: if you are using the product on an Internet-capable network, such as IPsec-VPN; the header and data of IP packets are encrypted
Remote Gateway(Tunnel Mode)	If you selected Tunnel Mode as the Encapsulation option, enter a gateway address between 1 and 39 characters long
Security Protocol	If you selected IPsec as the Access Control option, select one of these security protocols: ESP: to ensure the integrity of authentication and data, and encrypt data AH: to ensure the integrity of authentication and data; if data encryption is prohibited, you can use IPsec
Algorithm Settings	Select the encryption algorithm settings for the security protocol you selected

Group Policy Settings

Setting	Options/Description
Access Control	Permit Access to permit IP packets to pass through Refuse Access to prevent IP packets from passing through IPsec to permit IPsec packets to pass through

Setting	Options/Description
Local Address(Printer)	<p>Select an IPv4 or IPv6 address that matches your network environment; if the IP address is assigned automatically, select Use auto-obtained IPv4 address</p> <p>Note: If an IPv6 address is automatically assigned, the connection may be unavailable. Configure a static IP address.</p>
Remote Address(Host)	<p>Enter the device's IP address (between 0 and 43 characters long) to control access, or leave blank to control all addresses; if the IP address is assigned automatically, such as by DHCP, the connection may be unavailable, so configure a static address instead</p>
Method of Choosing Port	<p>Select the method you want to used for specifying ports</p>
Service Name	<p>If you selected Service Name as the Method of Choosing Port option, select a service name option here; see the next table for more information</p>
Transport Protocol	<p>If you selected Port Number as the Method of Choosing Port option, select one of these encapsulation modes:</p> <p>Any Protocol TCP UDP ICMPv4</p> <p>See the Group Policy Guidelines table for more information.</p>
Local Port	<p>If you selected Port Number as the Method of Choosing Port option, and TCP or UDP for the Transport Protocol option, enter the port numbers that control receiving packets (up to 10 ports), separated by commas, for example 20,80,119,5220; leave this setting blank to control all ports; see the next table for more information</p>

Setting	Options/Description
Remote Port	If you selected Port Number as the Method of Choosing Port option, and TCP or UDP for the Transport Protocol option, enter the port numbers that control sending packets (up to 10 ports), separated by commas, for example 25,80,143,5220 ; leave this setting blank to control all ports; see the next table for more information
IKE Version	Select IKEv1 or IKEv2 depending on the device that the product is connected to
Authentication Method	If you selected IPsec as the Access Control option, select an authentication method here
Pre-Shared Key	If you selected Pre-Shared Key as the Authentication Method option, enter a pre-shared key between 1 and 127 characters long here and in the Confirm Pre-Shared Key field
ID Type	If you selected IKEv2 as the IKE Version setting, select the ID type from the list
ID	If you selected IKEv2 as the IKE Version setting, enter the necessary ID information
Encapsulation	If you selected IPsec as the Access Control option, select one of these encapsulation modes: Transport Mode: if you are using the product on the same LAN; IP packets of layer 4 or later are encrypted Tunnel Mode: if you are using the product on an Internet-capable network, such as IPsec-VPN; the header and data of IP packets are encrypted
Remote Gateway(Tunnel Mode)	If you selected Tunnel Mode as the Encapsulation option, enter a gateway address between 1 and 39 characters long

Setting	Options/Description
Security Protocol	If you selected IPsec as the Access Control option, select one of these security protocols: ESP : to ensure the integrity of authentication and data, and encrypt data AH : to ensure the integrity of authentication and data; if data encryption is prohibited, you can use IPsec
Algorithm Settings	Select the encryption algorithm settings for the security protocol you selected

Combinations of Local Address (Printer) and Remote Address (Host) on Group Policy

Setting of Remote Address (Host)	Setting of Local Address (Printer)		
	IPv4	IPv6 ^{*2}	Any addresses ^{*3}
IPv4 ^{*1}	Yes	—	Yes
IPv6 ^{*1 *2}	—	Yes	Yes
Blank	Yes	Yes	Yes

*1: If you selected **IPsec** as the **Access Control** option, you cannot specify a prefix length

*2: If you selected **IPsec** as the **Access Control** option, you can select a link-local address (fe80::), but the group policy will be disabled.

*3: You cannot use IPv6 link-local addresses.

Group Policy Guidelines

Service name	Protocol type	Local/Remote port number	Controls these operations
Any	—	—	All services
ENPC	UDP	3289/Any port	Searching for a product from applications such as printer or scanner drivers, or EpsonNet Config

Service name	Protocol type	Local/Remote port number	Controls these operations
SNMP	UDP	161/Any port	Acquiring and configuring MIB from applications such as printer or scanner drivers, or EpsonNet Config
LPR	TCP	515/Any port	Forwarding LPR data
RAW (Port9100)	TCP	9100/any port	Forwarding RAW data
IPP/IPPS	TCP	631/Any port	Forwarding AirPrint data (IPP/IPPS printing)
WSD	TCP	Any port/5357	Controlling WSD
WS-Discovery	UDP	3702/Any port	Searching for a product from WSD
FTP Data (Local)	TCP	20/Any port	Forwarding FTP printing data to FTP server
FTP Control (Local)	TCP	21/Any port	Controlling FTP printing to FTP server
HTTP (Local)	TCP	80/Any port	Forwarding Web Config and WSD data to a HTTP or HTTPS server
HTTPS (Local)	TCP	443/Any port	
HTTP (Remote)	TCP	Any port/80	Communicating with Epson Connect, firmware update, and root certificate update on a HTTP or HTTPS client
HTTPS (Remote)	TCP	Any port/443	

Parent topic: [Configuring IPsec/IP Filtering](#)

IPsec/IP Filtering Configuration Examples

You can configure IPsec and IP filtering in a variety of ways, as shown in the examples here.

Receiving IPsec Packets Only

Use this example only for configuring a default policy.

- **IPsec/IP Filtering:** Enable
- **Access Control:** IPsec
- **Authentication Method:** Pre-Shared Key
- **Pre-Shared Key:** Enter a key up to 127 characters long

Receiving Printing Data and Printer Settings

Use this example to allow communication of printing data and printer settings from specified services.

Default policy:

- **IPsec/IP Filtering: Enable**
- **Access Control: Refuse Access**

Group policy:

- **Access Control: Permit Access**
- **Remote Address(Host):** Client IP address
- **Method of Choosing Port: Service Name**
- **Service Name:** Select **ENPC**, **SNMP**, **HTTP (Local)**, **HTTPS (Local)**, and **RAW (Port9100)**

Receiving Access from Only a Specified Address for Product Access

In these examples, the client will be able to access and configure the product in any policy configuration.

Default policy:

- **IPsec/IP Filtering: Enable**
- **Access Control: Refuse Access**

Group policy:

- **Access Control: Permit Access**
- **Remote Address (Host):** Administrator's client IP address

Parent topic: [Configuring IPsec/IP Filtering](#)

Configuring an IPsec/IP Filtering Certificate

You can configure a certificate for IPsec/IP traffic filtering using Web Config.

1. Access Web Config as an administrator and select the **Network Security** tab.
2. Under **IPsec/IP Filtering**, select **Client Certificate**.
3. Click **Import** to add a new client certificate and enter any necessary settings.
4. Click **OK**.

Parent topic: [Configuring IPsec/IP Filtering](#)

Connecting the Product to an IEEE 802.1X Network

Follow the instructions in these sections to connect the product to an IEEE 802.1X network using Web Config.

[Configuring an IEEE 802.1X Network](#)

[IEEE 802.1X Network Settings](#)

[Configuring a Certificate for an IEEE 802.1X Network](#)

[IEEE 802.1X Network Status](#)

Parent topic: [Using Your Product on a Secure Network](#)

Configuring an IEEE 802.1X Network

If your product supports IEEE 802.1X, you can use it on a network with authentication provided by a RADIUS server with a hub as an authenticator using Web Config.

Note: TLS version 1.3 does not support this function.

1. Access Web Config as an administrator and select the **Network Security** tab.
2. Under **IEEE802.1X**, select **Basic**.
3. Select **Enable** as the **IEEE802.1X (Wired LAN)** setting.
4. To use the product on a Wi-Fi network, enable your product's Wi-Fi settings.
The status of the connection is shown as the **IEEE802.1X (Wi-Fi)** setting.

Note: You can share the network settings for Ethernet and Wi-Fi networking.

5. Select the IEEE 802.1X setting options you want to use.
6. Click **Next**.
You see a confirmation message.
7. Click **OK**.

Parent topic: [Connecting the Product to an IEEE 802.1X Network](#)

IEEE 802.1X Network Settings

You can configure these IEEE 802.1X network settings in Web Config.

Setting	Options/Description
IEEE802.1X (Wired LAN)	Enable or disable settings (IEEE802.1X > Basic)
IEEE802.1X (Wi-Fi)	Displays the IEEE802.1X (Wi-Fi) connection status
Connection Method	Displays the current network connection method
EAP Type	Select one of these authentication methods for connections between the product and a RADIUS server: EAP-TLS or PEAP-TLS : You must obtain and import a CA-signed certificate PEAP/MSCHAPv2 or EAP-TTLS : You must configure a password
User ID	Enter an ID between 1 and 128 ASCII characters for authentication on a RADIUS server
Password	Enter a password between 1 and 128 ASCII characters for authentication of the product. If you are using Windows as a RADIUS server, enter up to 127 ASCII characters.
Confirm Password	Enter the authentication password again
Server ID	Enter a server ID between 1 and 128 ASCII characters for authentication on a specified RADIUS server; server ID is verified in the subject/subjectAltName field of a server certificate sent from the RADIUS server
Certificate Validation	Select a valid certificate regardless of the authentication method; import the certificate using the CA Certificate option
Anonymous Name	If you selected EAP-TTLS , PEAP-TLS or PEAP/MSCHAPv2 as the Authentication Method setting, you can configure an anonymous name between 1 and 128 ASCII characters instead of a user ID for phase 1 of a PEAP authentication
Encryption Strength	Select one of the following encryption strengths: High for AES256/3DES Middle for AES256/3DES/AES128/RC4

Parent topic: [Connecting the Product to an IEEE 802.1X Network](#)

Configuring a Certificate for an IEEE 802.1X Network

If your product supports IEEE 802.1X, you can configure a certificate for the network using Web Config.

1. Access Web Config as an administrator and select the **Network Security** tab.
2. Under **IEEE802.1X**, select **Client Certificate**.
3. Click **Import** to add a new client certificate.

Note: If you have already imported a certificate published by a Certification Authority, you can copy the certificate and use it in IEEE802.1X. To copy, select **Copy From**, select the certificate, and then click **Copy**.

4. Click **OK**.

Parent topic: [Connecting the Product to an IEEE 802.1X Network](#)

IEEE 802.1X Network Status

You can check the status of the IEEE 802.1X network settings by printing a status sheet from your product.

The network status sheet displays the information in this table for IEEE 802.1X networks.

Status ID	Status description
Disable	IEEE 802.1X is disabled
EAP Success	IEEE 802.1X authentication is confirmed and the network connection is available
Authenticating	IEEE 802.1X authentication in progress
Config Error	Authentication failed because the user ID was not set
Client Certificate Error	Authentication failed because the client certificate is out of date
Timeout Error	Authentication failed because there is no answer from the RADIUS server and/or authenticator
User ID Error	Authentication failed because the product's user ID and/or certificate protocol is incorrect
Server ID Error	Authentication failed because the server ID on the server certificate and the server's ID do not match
Server Certificate Error	Authentication failed because the server certificate is out of date or the chain of the server certificate is incorrect

Status ID	Status description
CA Certificate Error	Authentication failed because the CA certificate is incorrect, not imported, or out of date
EAP Failure	Authentication failed because the client certificate is incorrect (EAP-TLS or PEAP-TLS), or the user ID or password is incorrect (PEAP/MSCHAPv2 or EAP-TTLS)

Parent topic: [Connecting the Product to an IEEE 802.1X Network](#)

Using a Digital Certificate

Follow the instructions in these sections to configure and use digital certificates using Web Config.

[About Digital Certification](#)

[Obtaining and Importing a CA-signed Certificate](#)

[CSR Setup Settings](#)

[CSR Import Settings](#)

[Deleting a CA-signed Certificate](#)

[Updating a Self-signed Certificate](#)

[Importing a CA Certificate](#)

[Deleting a CA Certificate](#)

Parent topic: [Using Your Product on a Secure Network](#)

About Digital Certification

You can configure the following digital certificates for your network using Web Config:

CA-signed Certificate

You can ensure secure communications using a CA-signed certificate for each security feature. The certificates must be signed by and obtained from a CA (Certificate Authority).

CA Certificate

A CA certificate indicates that a third party has verified the identity of a server. You need to obtain a CA certificate for server authentication from a CA that issues it.

Self-signed Certificate

A self-signed certificate is issued and signed by the product itself. You can use the certificate for only SSL/TLS communication, however security is unreliable and you may see a security alert in the browser during use.

Parent topic: [Using a Digital Certificate](#)

Obtaining and Importing a CA-signed Certificate

You can obtain a CA-signed certificate by creating a CSR (Certificate Signing Request) using Web Config and submitting it to a certificate authority. The CSR created in Web Config is in PEM/DER format. You can import one CSR created from Web Config at a time.

1. Access Web Config as an administrator and select **Network Security**.
2. Select one of the available network security options and select a certificate option.
3. In the CSR section, select **Generate**.
4. Select the CSR setting options you want to use.
5. Click **OK**.
You see a completion message.
6. Select **Network Security**, select your network security option, and select **Certificate** again.
7. In the CSR section, click the **Download** option that matches the format specified by your certificate authority to download the CSR.

Caution: Do not generate another CSR or you may not be able to import a CA-signed certificate.

8. Submit the CSR to the certificate authority following the format guidelines provided by that authority.
9. Save the issued CA-signed certificate to a computer connected to the product.
Before proceeding, make sure the time and date settings are correct on your product.
10. Select **Network Security**, select your network security option, and select **Certificate** or **Client Certificate** as necessary.
11. In the CA Certificate section, click **Import**.
12. Select the format of the certificate as the **Server Certificate** setting.
13. Select the certificate import settings as necessary for the format and the source from which you obtained it.
14. Click **OK**.
You see a confirmation message.
15. Click **Confirm** to verify the certificate information.

Parent topic: [Using a Digital Certificate](#)

CSR Setup Settings

You can select these settings when setting up a CSR in Web Config.

Note: The available key length and abbreviations vary by certificate authority, so follow the rules of that authority when entering information in the CSR.

Setting	Options/Description
Key Length	Select a key length for the CSR
Common Name	Enter a name or static IP address from 1 to 128 characters long; for example, Reception printer or https://10.152.12.225 (you can enter up to five IPv4 addresses, IPv6 addresses, host names, or FQDNs by separating them with commas)
Organization, Organizational Unit, Locality, State/Province	Enter information in each field as necessary, from 0 to 64 characters long in ASCII; separate any multiple names with commas
Country	Enter a two-digit country code number as specified by the ISO-3166 standard
Sender's Email Address	Enter the sender's email address for the mail server setting(enter the same email address as the Sender's Email Address in Network > Email Server > Basic)

Parent topic: [Using a Digital Certificate](#)

CSR Import Settings

You can configure these settings when importing a CSR in Web Config.

Note: The import setting requirements vary by certificate format and how you obtained the certificate.

Certificate format	Setting descriptions
PEM/DER format obtained from Web Config	<p>Private Key: Do not configure because the product contains a private key</p> <p>Password: Do not configure</p> <p>CA Certificate 1/CA Certificate 2: Optional</p>

Certificate format	Setting descriptions
PEM/DER format obtained from a computer	<p>Private Key: Configure a private key</p> <p>Password: Do not configure</p> <p>CA Certificate 1/CA Certificate 2: Optional</p>
PKCS#12 format obtained from a computer	<p>Private Key: Do not configure</p> <p>Password: Optional</p> <p>CA Certificate 1/CA Certificate 2: Do not configure</p>

CA-signed Certificate Import Settings

Setting	Description
Server Certificate or Client Certificate	<p>Select the certificate format.</p> <p>For an SSL/TLS connection, the Server Certificate is displayed.</p> <p>For an IPsec/IP Filtering, IEEE802.1x, or S/MIME connection, the Client Certificate is displayed.</p> <p>Note: Depending on your product, not all connection types may be available.</p>
Private Key	If you obtain a certificate of the PEM/DER format by using a CSR created from a computer, specify a private key file that matches the certificate.
Password	If the file format is Certificate with Private Key (PKCS#12) , enter the password for encrypting the private key that is set when you obtain the certificate.
CA Certificate 1	If your certificate's format is Certificate (PEM/DER) , import a certificate from a certificate authority that issues a CA-signed Certificate to be used as the server certificate. Specify a file if necessary.

Setting	Description
CA Certificate 2	If your certificate's format is Certificate (PEM/DER) , import a certificate from the same certificate authority that issued CA Certificate 1. Specify a file if necessary.

Parent topic: [Using a Digital Certificate](#)

Deleting a CA-signed Certificate

You can delete an imported CA-signed certificate with Web Config when the certificate expires or if you have no more need for an encrypted connection.

Note: If you obtained a CA-signed certificate from Web Config, you cannot import a deleted certificate; you must obtain and import a new certificate.

1. Access Web Config as an administrator and select **Network Security**.
2. Select one of the following network security options and corresponding certificate:
 - **SSL/TLS** and select **Certificate**
 - **IPsec/IP Filtering** and select **Client Certificate**
 - **IEEE802.1X** and select **Client Certificate**
3. Click **Delete**.
You see a completion message.
4. Click **OK**.

Parent topic: [Using a Digital Certificate](#)

Updating a Self-signed Certificate

If your product supports the HTTPS server feature, you can update a self-signed certificate using Web Config.

1. Access Web Config as an administrator and select **Network Security**.
2. Click **Update**.
3. Enter an identifier for your product from 1 to 128 characters long in the **Common Name** field.
4. Select a validity period for the certificate as the **Certificate Validity (year)** setting.
5. Click **Next**.

You see a completion message.

6. Click **OK**.
7. Click **Confirm** to verify the certificate information.

Parent topic: [Using a Digital Certificate](#)

Importing a CA Certificate

You can import a CA certificate using Web Config.

1. Access Web Config as an administrator and select **Network Security**.
2. Select **CA Certificate**.
3. Select **Import**.
4. Select the CA certificate you want to import.
5. Click **OK**.

When you see the **CA Certificate** page and the imported certificate is displayed, the import is finished.

Parent topic: [Using a Digital Certificate](#)

Deleting a CA Certificate

You can delete an imported CA certificate with Web Config when the certificate expires or if you have no more need for an encrypted connection.

1. Access Web Config as an administrator and select **Network Security**.
2. Select **CA Certificate**.
3. Locate the certificate you want to remove and click the **Delete** button next to it.
4. Click **OK** to confirm the deletion.
5. Click **Reboot Network**, and then check that the deleted CA Certificate is not listed on the updated screen.

Parent topic: [Using a Digital Certificate](#)

Setting Up Universal Print (Microsoft)

You can set up your product for use with Universal Print if you are using Microsoft 365 and Azure Active Directory.

Note: This feature is supported on Windows 10 2004 (20H1) or later. Visit the Microsoft website for more information.

1. Access Web Config as an administrator and select the **Network** tab.
2. Select **Universal Print**.
3. Select **Register**.
4. Follow the on-screen instructions to register your product.

If Web Config shows **Registered** as the registration status, then setup is complete.

Parent topic: [Administering Your Product](#)

Using Epson Device Admin Configuration Software

With Windows, you can discover and monitor remote devices, and configure network settings in a batch operation. See the Epson Device Admin help for instructions.

To install Epson Device Admin, download the software from the support page at epson.com/support (U.S.) or epson.ca/support (Canada) and follow the on-screen instructions.

Parent topic: [Administering Your Product](#)

Solving Problems

Check these sections for solutions to problems you may have using your product.

[Viewing the Help Screen](#)

[Product Status Messages](#)

[Running a Product Check](#)

[Resetting Control Panel Defaults](#)

[Solving Setup Problems](#)

[Solving Network Problems](#)

[Solving Paper Problems](#)

[Solving Problems Printing from a Computer](#)

[Solving Page Layout and Content Problems](#)

[Solving Print Quality Problems](#)

[Uninstall Your Product Software](#)

[Where to Get Help](#)

[Where to Get Help](#)

Viewing the Help Screen

You can view troubleshooting or how-to topics on the LCD screen at any time.

1. Select the  help icon.
2. Select a **Troubleshooting** or **How To** option to view instructional images or animations.

Parent topic: [Solving Problems](#)

Product Status Messages

You can often diagnose problems with your product by checking the messages and status icons on its LCD screen.

Note: If the screen is dark, press the screen to wake the product from sleep mode.

LCD screen message	Condition/solution
Printer error. For details, see your documentation.	<p>Turn the product off and then back on again. If the error persists, check for and remove any jammed paper or protective materials from the product. If the error still persists, contact Epson for support.</p> <p>If you see any of the following error codes, make sure you have not exceeded the loading capacity for any paper source:</p> <ul style="list-style-type: none"> • 000181 • 000184 • 000201 • 000204 • 000221 • 000224
Printer error. Contact Epson Support. Non-printing features are available.	The product may be damaged, but non-printing features are still available. Contact Epson for support.
Paper out in XX. Load paper. Paper Size: XX/Paper Type: XX	Load the size and type of paper in the paper source indicated.
Too many paper cassette units are installed. Turn the power off and uninstall. For details, see your documentation.	You can install up to three optional paper cassette units. Remove any extra units.
Unsupported Paper Cassette Units have been installed. Turn the power off and uninstall. For details, see your documentation.	Unsupported optional paper cassette units are installed. Remove the unsupported units.
Cannot print because XX is out of order. You can print from another cassette.	Turn the product off and then back on again. Reinsert the indicated paper cassette. If the error persists, contact Epson for support.
The pickup roller in XX is nearing the end of its service life.	The maintenance rollers need to be replaced periodically for optimal performance. (Paper may not feed correctly from the paper cassette or rear paper feed when a maintenance roller is near the end of its service life.)

LCD screen message	Condition/solution
The pickup roller in XX has reached the end of its service life. Replace the pickup roller, and then perform a counter reset.	Replace the maintenance rollers and reset the maintenance roller counter for the paper cassette for which you replaced the maintenance rollers.
The pickup roller in XX has reached the end of its service life.	Contact Epson for support.
You need to replace Ink Cartridge(s).	Replace the indicated ink cartridges.
The time for maintenance is approaching. Contact Epson Support.	Do not attempt to perform maintenance on your own. Contact Epson for support.
This printer may need a service to maintain good print quality. Contact Epson Support.	Do not attempt to perform maintenance on your own. Contact Epson for support.
Paper Setup Auto Display is set to Off. Some features may not be available. For details, see your documentation.	AirPrint is not available when the Paper Setup Auto Display setting is disabled. Set the Paper Setup Auto Display setting to On .
The combination of the IP address and the subnet mask is invalid. See your documentation for more details.	There is a problem with the network connection to your product. Set up your product on the network again.
To use cloud services, update the root certificate from the Epson Web Config utility.	Access the Web Config utility and update the cloud service root certificate.
Check that the printer driver is installed on the computer and that the port settings for the printer are correct.	Make sure the printer port is correctly configured. In Windows, make sure the port is set to a USBXXX setting for a USB connection or EpsonNet Print Port for a network connection.
Check that the printer driver is installed on the computer and that the USB port settings for the printer are correct.	

LCD screen message	Condition/solution
Recovery mode Update Firmware	An error has occurred during firmware updating. Connect your product using a USB cable and try downloading the Firmware Update from the Epson support site. If you still need help, contact Epson for support.

Parent topic: [Solving Problems](#)

Related references

[Where to Get Help](#)

Related tasks

[Removing and Installing Ink Cartridges](#)


[Accessing the Web Config Utility](#)

Related topics

[Wi-Fi or Wired Networking](#)

Running a Product Check

Running a product check helps you determine if your product is operating properly.

1. Disconnect any interface cables connected to your product.
2. Load plain paper in the paper cassette.
3. Press the  home button, if necessary.
4. Select **Maintenance > Print Head Nozzle Check > Print**.
The nozzle pattern prints.
5. Do one of the following, depending on the results of the product check:
 - If the page prints and the nozzle check pattern is complete, the product is operating properly. Any operation problem you may have could be caused by your computer, cable, software, or selected settings. Check the other solutions in this guide or try uninstalling and reinstalling your printer software.
 - If the page prints but the nozzle check pattern has gaps, clean the print head.
 - If the page does not print, the product may have a problem. Check the other solutions in this manual. If they do not work, contact Epson.

Parent topic: [Solving Problems](#)

Related concepts

[Print Head Cleaning](#)

[Print Quality Adjustment](#)

[Uninstall Your Product Software](#)


Related references

[Where to Get Help](#)

Resetting Control Panel Defaults

If you have a problem with settings on the product control panel, you can reset them to their factory defaults. You can choose which settings to reset or reset them all.

Note: This setting can be locked by an administrator. If you cannot access or change this setting, contact your administrator for assistance.

1. Press the  home button, if necessary.
2. Select **Settings > General Settings > System Administration**.
3. Enter the administrator password, if necessary.
4. Scroll down and select **Restore Default Settings**.
5. Select one of these options:
 - **Network Settings:** Resets all network settings
 - **All Except Network Settings:** Resets all settings except for network settings
 - **All Settings:** Resets all control panel settingsYou see a confirmation screen.
6. Select **Yes** to reset the selected settings. (Select **No** if you want to cancel the operation.)

Parent topic: [Solving Problems](#)

Solving Setup Problems

Check these sections if you have problems while setting up your product.

[Product Does Not Turn On or Off](#)

[Noise After Ink Installation](#)

[Software Installation Problems](#)

Parent topic: [Solving Problems](#)

Product Does Not Turn On or Off

If you cannot turn the product on or off, try these solutions:

- If you cannot turn on your product, make sure the power cord is securely connected and hold down the power button a little longer.
- If you cannot turn off your product, hold down the power button a little longer. If you still cannot turn off your product, unplug the power cord, plug the power cord back in, then turn your product on and off again using the power button.

Parent topic: [Solving Setup Problems](#)

Noise After Ink Installation

If you hear noises from your product after installing ink, check the following:

- The first time you install the ink cartridges, the product must charge its print head. Wait until charging finishes before you turn off the product, or it may charge improperly and use excess ink the next time you turn it on.
- If the product's print head stops moving or making noise, and the charging process has not finished after approximately 5 minutes, turn off your product. Turn it back on and check to see if charging is still in progress. If it is still in progress, contact Epson for help.

Parent topic: [Solving Setup Problems](#)

Software Installation Problems

If you have problems while installing your product software, try these solutions:

- Make sure your product is turned on and any necessary cables are securely connected at both ends. If you still have problems installing software, disconnect the cable and carefully follow the instructions on the *Start Here* sheet. Also make sure your system meets the requirements for your operating system.
- Close any other programs, including screen savers and virus protection software, and install your product software again.
- In Windows, make sure your product is selected as the default printer and the correct port is shown in the printer properties.
- If you see any error message or your software does not install correctly in Windows, you may not have software installation privileges. Contact your system administrator.
- If you are printing over a network, make sure your product is set up properly on the network.

Parent topic: [Solving Setup Problems](#)

Related references

[Windows System Requirements](#)

[Mac System Requirements](#)

Solving Network Problems

Check these solutions if you have problems setting up or using your product on a network.

Note: Breakdown or repair of this product may cause loss of network data and settings. Epson is not responsible for backing up or recovering data and settings during or after the warranty period. We recommend that you make your own backup or print out your network data and settings.

[Product Cannot Connect to a Wireless Router or Access Point](#)

[Network Software Cannot Find Product on a Network](#)

[Product Does Not Appear in Mac Printer Window](#)

[Cannot Print Over a Network](#)

Parent topic: [Solving Problems](#)

Product Cannot Connect to a Wireless Router or Access Point

If your product has trouble finding or connecting to a wireless router or access point, try these solutions:

- If you are connecting the product via Wi-Fi Protected Setup (WPS) and the Wi-Fi icon on your product's LCD screen is not lit or does not appear, make sure you select one of the WPS options from the product control panel within 2 minutes of pressing the WPS button on your router.
- Verify that your router or access point is operating correctly by connecting to it from your computer or another device.
- You may need to disable the firewall and any anti-virus software on your wireless router or access point.
- Try restarting your router following the instructions in your router documentation.

Note: If you are reading these instructions online, you will lose your Internet connection when you restart your router.

- Check to see if access restrictions, such as MAC address filtering, are set on the router or access point. If access restrictions are set, add your product's MAC address to your router's address list. To

obtain your product's MAC address, print a network status sheet. Then follow the instructions in your router or access point documentation to add the address to the list.

- If your router or access point does not broadcast its network name (SSID), follow the instructions that came with your product to enter your wireless network name manually.
- If your router or access point has security enabled, determine the kind of security it is using and any required password or passphrase for connection. Then make sure to enter the exact WEP key or WPA passphrase correctly.
- Check if your computer is restricting the available wireless channels. If so, verify that your wireless access point is using one of the usable channels and change to a usable channel, if necessary.
- If you are using a Wi-Fi Direct connection that suddenly disconnects, the Wi-Fi Direct password on your device may have been changed. If necessary, delete the existing **DIRECT-xxxxxxx** connection settings from your device and enter a new password. See your device documentation for instructions.
- If you connected your product to a Windows computer using Wi-Fi Direct and it automatically selected Access Point Mode, you may have trouble accessing a low-priority Internet connection. Check the network connection or adapter settings in the Windows Control Panel and set the **Internet metric** setting to **100** for your version of the Internet Protocol.

Parent topic: [Solving Network Problems](#)

Related concepts

[Wi-Fi Direct Mode Setup](#)

Related tasks

[Selecting Wireless Network Settings from the Control Panel](#)

[Printing a Network Status Sheet](#)

Related topics

[Wi-Fi or Wired Networking](#)

Network Software Cannot Find Product on a Network

If EpsonNet Setup cannot find your product on a network, try these solutions:

- Make sure your product is turned on and connected to your network. Verify the connection using your product control panel.
- Check if your network name (SSID) contains non-ASCII characters. Your product cannot display non-ASCII characters.
- Make sure your product is not connected to a guest network.

- If necessary, reinstall your product software and try running EpsonNet Setup again:
 1. Reset your product's network settings to their factory defaults.
 2. **Windows only:** Uninstall your product software.
 3. Restart your router following the instructions in your router documentation.

Note: If you are reading these instructions online, you will lose your Internet connection when you restart your router, so note the next step before restarting it.

4. Download your product software from the Epson website using the instructions on the *Start Here* sheet.
- If you have replaced your router, reinstall your product software to connect to the new router.

Note: If you are using a 5 GHz wireless router, set the router to operate in dual band (2.4 GHz and 5 GHz) mode. If your router uses a single network name (SSID) for both the 2.4 GHz and 5 GHz band, give each band its own network name (SSID) instead, such as Home Network 2.4 GHz and Home Network 5 GHz. See your router documentation or contact your internet service provider for instructions.

- Check to see if your wireless router or access point has an enabled Privacy Separator function that is preventing detection of your device over the network. See your router or access point documentation for instructions on disabling the Privacy Separator function.
- Try accessing any website from your computer or smart device to make sure that your device's network settings are correct. If you cannot access any website, there is a problem on the computer or smart device. Check the network connection of the computer or smart device. See the documentation provided with the computer or smart device for details.

Parent topic: [Solving Network Problems](#)

Related concepts

[Uninstall Your Product Software](#)

Related topics

[Wi-Fi or Wired Networking](#)

Product Does Not Appear in Mac Printer Window

If your product does not appear in the Mac printer window, try these solutions:

- Turn your product off, wait 30 seconds, then turn it back on again.

- If you are connecting the product via Wi-Fi Protected Setup (WPS) and the Wi-Fi icon on your product's LCD screen is not lit, make sure you select one of the WPS options from the product control panel within 2 minutes of pressing the WPS button on your router.
- If you are connecting the product wirelessly via EpsonNet Setup and you do not see the Wi-Fi antenna icon with connection bars on your LCD screen, make sure your product software was installed correctly. If necessary, reinstall your software.

Note: If you are using a 5 GHz wireless router, set the router to operate in dual band (2.4 GHz and 5 GHz) mode. If your router uses a single network name (SSID) for both the 2.4 GHz and 5 GHz band, give each band its own network name (SSID) instead, such as Home Network 2.4 GHz and Home Network 5 GHz. See your router documentation or contact your internet service provider for instructions.

Parent topic: [Solving Network Problems](#)

Related concepts

[Uninstall Your Product Software](#)

Cannot Print Over a Network

If you cannot print over a network, try these solutions:

- Make sure that your product is turned on.
- Make sure you install your product's network software as described in your product documentation.
- Print a network status sheet and verify that the network settings are correct. If the network status is **Disconnected**, check any cable connections and turn your product off and then on again.
- If you are using TCP/IP, make sure the product's IP address is set correctly for your network. If your network does not assign IP addresses using DHCP, set the IP address manually.
- Make sure your computer and product are both using the same wireless network.
- If network printing is slow, print a network status sheet and check the signal strength. If it is poor, place your product closer to your router or access point. Avoid placing your product near a microwave oven, cordless phone, or large metal object, such as a filing cabinet.

Note: If you are using a 5 GHz wireless router, set the router to operate in dual band (2.4 GHz and 5 GHz) mode. If your router uses a single network name (SSID) for both the 2.4 GHz and 5 GHz band, give each band its own network name (SSID) instead, such as Home Network 2.4 GHz and Home Network 5 GHz. See your router documentation or contact your internet service provider for instructions.

- Try restarting your router following the instructions in your router documentation.

Note: If you are reading these instructions online, you will lose your Internet connection when you restart your router.

- Check if there are any paused print jobs.
- Make sure your printer is selected as the default printer.
- Check if the selected printer port is correct.
- Check to see if your wireless router or access point has an enabled Privacy Separator function that is preventing printing from a device over the network. See your router or access point documentation for instructions on disabling the Privacy Separator function.
- If you are connecting the product via Wi-Fi Protected Setup (WPS) and the Wi-Fi icon on your product's LCD screen is not lit, make sure you select one of the WPS options from the product control panel within 2 minutes of pressing the WPS button on your router.
- Check your wired LAN router or access point to see if the LED for the port to which your product is connected is on or flashing. If the link LED is off, try the following:
 - Make sure the Ethernet cable is securely connected to your product and to your router, access point, switch, or hub.
 - Try connecting your product to a different port or a different router, access point, switch, or hub.
 - Try connecting with a different Ethernet cable.
 - Try printing to your product from another computer on the network.

Note: If you are using a 5 GHz wireless router, set the router to operate in dual band (2.4 GHz and 5 GHz) mode. If your router uses a single network name (SSID) for both the 2.4 GHz and 5 GHz band, give each band its own network name (SSID) instead, such as Home Network 2.4 GHz and Home Network 5 GHz. See your router documentation or contact your internet service provider for instructions.

- If you are connecting the product via EpsonNet Setup and the Wi-Fi icon does not appear lit on the LCD screen, make sure your product software was installed correctly. If necessary, reinstall your software.

Parent topic: [Solving Network Problems](#)

Related concepts

[Uninstall Your Product Software](#)

Related tasks

[Printing a Network Status Sheet](#)

Related topics

[Wi-Fi or Wired Networking](#)

Solving Paper Problems

Check these sections if you have problems using paper with your product.

[Paper Feeding Problems](#)

[Paper Jams Inside the Product](#)

[Paper Ejection Problems](#)

Parent topic: [Solving Problems](#)

Paper Feeding Problems

If you have problems feeding paper, try these solutions:

- If paper does not feed for printing, remove it from the rear feed slot or cassette. Reload it, then adjust the edge guides. Make sure the paper stack is not above the arrow mark on the edge guides inside the cassette or rear feed slot.
- Place the product on a flat surface and operate it in the recommended environmental conditions.
- Be sure to insert the paper cassette all the way into your product.
- If multiple pages feed at once, remove the paper, fan the edges to separate the sheets, and reload it.
- Do not load more than the recommended number of sheets. For plain paper, do not load paper above the arrow mark on the edge guides.
- Make sure your paper meets the specifications for your product.
- If paper jams when you print on both sides of the paper, try loading fewer sheets.
- Run the paper guide cleaning utility to clean the paper path.
- If paper does not feed correctly after replacing the maintenance rollers, make sure you installed the maintenance rollers correctly.
- If you installed an optional paper cassette unit, be sure to enable the cassette unit in the printing software.
- If your product pauses during printing, make sure the front cover is closed.
- The maintenance rollers may be at the end of their service life. Check the maintenance roller status and replace them if necessary.
- Do not use short-grain paper with a width less than .413 inches (105 mm).

- For best results, follow these guidelines:
 - Use new, smooth, high-quality paper that is not curled, creased, old, too thin, or too thick.
 - Load paper in the cassette printable side down.
 - Do not load binder paper with holes in the cassette.
 - Follow any special loading instructions that came with the paper.
 - Use long-grain paper. If you are not sure what type of paper you are using, check the paper packaging or contact the manufacturer to confirm the paper specifications.

Parent topic: [Solving Paper Problems](#)

Related references

[Paper Jams Inside the Product](#)

[Paper Specifications](#)

[Paper Loading Capacity](#)

Related tasks

[Cleaning the Paper Guide](#)

Related topics

[Loading Paper](#)

Paper Jams Inside the Product

If you see a message that paper has jammed in the product, follow the on-screen instructions to locate and remove the jammed paper.

Take the following precautions when removing jammed paper from the product:

- Remove the jammed paper carefully. Using too much force may damage the product.
- Unless specifically instructed, avoid tilting the product, placing it on its side, or turning it upside down, as ink may spill.

Warning: Never touch the buttons on the control panel while your hand is inside the product. If the product starts operating, it may cause an injury. Do not touch any protruding parts inside the product.

Parent topic: [Solving Paper Problems](#)

Related topics

[Loading Paper](#)

Paper Ejection Problems

If you have problems with paper ejecting properly, try these solutions:

- If paper does not eject fully, you may have set the wrong paper size. Cancel printing to eject the paper. Select the correct paper size when you reprint.
- If paper is wrinkled when it ejects, it may be damp or too thin. Load new paper and be sure to select the correct paper type setting when you reprint.

Parent topic: [Solving Paper Problems](#)

Related references

[Paper or Media Type Settings - Printing Software](#)

Related tasks

[Cancelling Printing Using a Product Button](#)

Related topics

[Loading Paper](#)

Solving Problems Printing from a Computer

Check these sections if you have problems while printing from your computer.

Note: For problems while printing with the Epson Universal Print Driver or PostScript (PS3) printer software, see the sections covering that software in this manual.

[Nothing Prints](#)

[Product Icon Does Not Appear in Windows Taskbar](#)

[Printing is Slow](#)

Parent topic: [Solving Problems](#)

Nothing Prints

If you have sent a print job and nothing prints, try these solutions:

- Make sure your product is turned on and connected to your computer.
- Make sure any interface cables are connected securely at both ends.
- If you connected your product to a USB hub, make sure it is a first-tier hub. If it still does not print, connect your product directly to your computer instead of the hub.
- Make sure the printer status is not offline or pending.

- Run a product check to see if a test page prints. If the test page prints, check to see if your product software is installed correctly.
- Make sure your system meets the requirements for your operating system. If you are printing a high-resolution image, you may need more than the minimum requirements. Print the image at a lower resolution or if necessary, increase your system's memory.
- In Windows, make sure your product is selected as the default printer and the printer port setting matches the printer connection port.
- In Windows, delete all jobs from the Windows Spooler. Click **Print Queue** on the Maintenance tab in the printer settings window, and cancel any stalled print jobs.
- On a Mac, make sure the printer is added to the printer list and the printer is not paused.
- Make sure your product is selected as the printer in your printing program.
- You can try to clear the problem by updating the product software to the latest version. If the problem persists, try uninstalling and reinstalling the printer driver.

Parent topic: [Solving Problems Printing from a Computer](#)

Related tasks

[Running a Product Check](#)





[Entering a User ID and Password for Printing](#)

[Using AirPrint](#)

Product Icon Does Not Appear in Windows Taskbar

If you do not see your product icon in the Windows taskbar, first try restarting your computer. If that does not work, try this solution:

1. Do one of the following:

- **Windows 11:** Click , search for **Settings** and select it. Select **Bluetooth & devices > Printers & scanners**. Select your product name and select **Printing preferences**.
- **Windows 10:** Click  and select  (Settings) > **Devices > Printers & scanners**. Select your product name and select **Manage > Printing preferences**.
- **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Hardware and Sound > Devices and Printers**. Right-click your product name, select **Printing Preferences**, and select your product name again if necessary.
- **Windows 7:** Click  and select **Devices and Printers**. Right-click your product name, select **Printing Preferences**, and select your product name again if necessary.

2. Click the **Maintenance** tab.
3. Click the **Extended Settings** button.
4. Select **Enable EPSON Status Monitor 3** and click **OK**.
5. Click the **Monitoring Preferences** button.
6. Click the checkbox for the option that adds the shortcut icon to the taskbar.
7. Click **OK** to close the open program windows.

Parent topic: [Solving Problems Printing from a Computer](#)

Printing is Slow

If printing becomes slow, try these solutions:

- Make sure your system meets the requirements for your operating system. If you are printing a high-resolution image, you may need more than the minimum requirements. If necessary, increase your system's memory.
- If you are using Windows 7, close the **Devices and Printers** window before you print.
- Make sure **Quiet Mode** is turned off.
- Clear space on your hard drive or run a defragmentation utility to free up existing space.
- Close any programs you are not using when you print.
- If your product is connected to a USB hub, connect it directly to your computer instead.
- If printing becomes slower after printing continuously for a long time, the product may have automatically slowed down to protect the print mechanism from overheating or becoming damaged. Let the product rest with the power on for 30 minutes, then try printing again.
- If you are printing over a wireless network, factors such as interference, network traffic, or weak signal strength may affect your printing speed.


Note: If you are using a 5 GHz wireless router, set the router to operate in dual band (2.4 GHz and 5 GHz) mode. If your router uses a single network name (SSID) for both the 2.4 GHz and 5 GHz band, give each band its own network name (SSID) instead, such as Home Network 2.4 GHz and Home Network 5 GHz. See your router documentation or contact your internet service provider for instructions.

- If using the PostScript printer driver, set the **Print Quality** setting to **Fast**.

For the fastest printing, select the following settings in your product software:

- Make sure the paper type setting matches the type of paper you loaded.
- Turn on any high speed settings in your product software.
- Select a lower print quality setting.
- Make sure the ink drying time has not been increased for double-sided printing.
- **Windows:** Click the **Maintenance** or **Utility** tab, select **Extended Settings** or **Speed and Progress**, and select the following settings:
 - **Always Spool RAW Datatype**
 - **Page Rendering Mode**
 - **Print as Bitmap**
- **Windows:** Select **Printing preferences**, click the **More Options** tab, and make sure the **Bidirectional printing** setting is enabled.
- **Mac:** Select **System Preferences** or **System Settings**, select **Printers & Scanners**, and select your product. Select **Options & Supplies**, select **Options** (or **Driver**), and enable the **Bidirectional printing** setting.

If printing is still slow and you are using Windows 7 or Windows Vista, try the following:

1. Click  and select **Computer** or **My Computer**. Double-click the **C:** drive and open these folders: **ProgramData > EPSON > PRINTER**.

Note: If you do not see the ProgramData folder, open the **Organize** menu and select **Folder and search options**. In the window that appears, click the **View** tab, select **Show hidden files, folders, and drives** in the Advanced settings list, and click **OK**.

2. Right-click the **EPAUDF01.AUD** file and select **Delete**.
3. Restart your computer and try printing again.

Parent topic: [Solving Problems Printing from a Computer](#)

Related references

[Windows System Requirements](#)

[Mac System Requirements](#)

[Paper or Media Type Settings - Printing Software](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Basic Print Settings - Mac](#)
[Selecting Extended Settings - Windows](#)

Solving Page Layout and Content Problems

Check these sections if you have problems with the layout or content of your printed pages.

[Inverted Image](#)
[Too Many Copies Print](#)
[Blank Pages Print](#)
[Incorrect Margins on Printout](#)
[Incorrect Characters Print](#)
[Incorrect Image Size or Position](#)
[Slanted Printout](#)

Parent topic: [Solving Problems](#)

Inverted Image

If your printed image is inverted unexpectedly, try these solutions:

- Turn off any mirror or inversion settings in your printing application.
- Turn off the **Mirror Image**, **Flip horizontally**, or **Reverse page orientation** settings in your printer software. (This option has different names, depending on your operating system version.)

Parent topic: [Solving Page Layout and Content Problems](#)

Related tasks

[Selecting Basic Print Settings - Mac](#)
[Selecting Additional Layout and Print Options - Windows](#)

Too Many Copies Print

Make sure that the **Copies** setting in your printing program or printer software is not set for multiple copies.

Parent topic: [Solving Page Layout and Content Problems](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)
[Selecting Basic Print Settings - Mac](#)

Blank Pages Print

If blank pages print unexpectedly, try these solutions:

- Make sure you selected the correct paper size settings in your printing program and printer software.
- If a blank page exists in a document you are printing and you want to skip printing it, select the **Skip Blank Page** setting in your printer software, if available.
- Run a print head nozzle check to see if any of the nozzles are clogged. Then clean the print head, if necessary.
- Make sure your product is selected as the printer in your printing program.

Parent topic: [Solving Page Layout and Content Problems](#)

Related concepts

[Print Head Cleaning](#)

[Print Head Nozzle Check](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Basic Print Settings - Mac](#)

[Selecting Extended Settings - Windows](#)

[Selecting Printing Preferences - Mac](#)

Incorrect Margins on Printout

If your printed page has incorrect margins, try these solutions:

- Make sure you selected the correct paper size settings in your printing program and printer software.
- Make sure you selected the correct margins for your paper size in your printing program.
- Make sure your paper is positioned correctly for feeding into the product.

You can use the preview option in your printer software to check your margins before you print.

Parent topic: [Solving Page Layout and Content Problems](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Basic Print Settings - Mac](#)

Related topics

[Loading Paper](#)

Incorrect Characters Print

If incorrect characters appear in your prints, try these solutions before reprinting:

- Make sure any cables are securely connected at both ends.
- In Windows, delete all jobs from the Windows Spooler. Click **Print Queue** on the Maintenance tab in the printer settings window, and cancel any stalled print jobs.
- If your product is connected to a USB hub, connect it directly to your computer instead.
- If your computer entered sleep mode the last time you printed, the next print job after your computer exits sleep mode may contain garbled characters. Print your document again.

Parent topic: [Solving Page Layout and Content Problems](#)

Incorrect Image Size or Position

If your printed image is the wrong size or in the wrong position, try these solutions:

- Make sure you selected the correct paper size and layout settings in your printing program and printer software.
- Make sure you selected the correct paper size on the control panel.
- Make sure your paper is positioned correctly for feeding into the printer.
- Slide the edge guides against the edges of the paper.
- Make sure you selected the correct margins for your paper size in your printing program.
- Be sure to select the appropriate original size setting for your original in the copy settings.

You can use the preview option in your printer software to check your margins before you print.

Parent topic: [Solving Page Layout and Content Problems](#)

Related tasks

[Selecting Additional Layout and Print Options - Windows](#)

[Cleaning Your Product](#)

[Selecting Page Setup Settings - Mac](#)

[Selecting Basic Print Settings - Windows](#)

[Selecting Basic Print Settings - Mac](#)

Slanted Printout

If your printouts are slanted, try these solutions:

- Slide the edge guides against the edges of the paper.

- Select a higher print quality setting in your printer software.
- Turn off any high speed settings in your product software.
- Align the print head.
- Adjust the print quality.
- Make sure the product is not printing while tilted or at an angle.

Parent topic: [Solving Page Layout and Content Problems](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Basic Print Settings - Mac](#)

Related topics

[Loading Paper](#)

Solving Print Quality Problems

Check these sections if your printouts have problems with print quality, but your image looks fine on your computer screen.

[White or Dark Lines in Printout](#)

[Blurry or Smearred Printout](#)

[Faint Printout or Printout Has Gaps](#)

[Grainy Printout](#)

[Incorrect Colors](#)

Parent topic: [Solving Problems](#)

White or Dark Lines in Printout

If you notice white or dark lines in your prints (also called banding), try these solutions before you reprint:

- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- Make sure the paper type setting matches the type of paper you loaded.
- Make sure you loaded the printable side of the paper correctly for your product.
- Turn off any high speed settings in your product software.
- Align the print head. If print quality does not improve after aligning the print head, disable the bidirectional (high speed) setting.

- Adjust the print quality in the product software.
- If you continue to see horizontal bands or streaks in your printouts after cleaning the print head and adjusting the print quality, make print quality adjustments for each paper type.
- You may need to replace the ink cartridges.

Parent topic: [Solving Print Quality Problems](#)

Related concepts

[Print Head Nozzle Check](#)

[Print Head Cleaning](#)

[Print Quality Adjustment](#)

Related references

[Paper or Media Type Settings - Printing Software](#)

Related tasks

[Selecting Additional Layout and Print Options - Windows](#)

[Selecting Printing Preferences - Mac](#)

Related topics

[Loading Paper](#)

[Replacing Ink Cartridges, Maintenance Boxes, and Cassette Rollers](#)

Blurry or Smearred Printout

If your printouts are blurry or smearred, try these solutions:

- Make sure your paper is not damp, curled, old, or loaded incorrectly in your product.
- Slide the edge guides to the edges of the paper.
- Use a support sheet with special paper, or load special paper one sheet at a time.
- Make sure your paper meets the specifications for your product.
- Use Epson papers to ensure proper saturation and absorption of genuine Epson inks.
- Do not load more than the recommended number of sheets. For plain paper, do not load above the line indicated by the triangle symbol on the edge guide.
- Make sure the paper type setting in your product software matches the type of paper you loaded.
- Make sure you loaded the printable side of the paper correctly for your product.

- If you are printing on thick paper or envelopes, turn on the **Thick Paper** setting from the control panel or select **Thick Paper and Envelopes** in the Extended Settings of the printer software. (Turning this setting on will decrease print speed.)
- In Windows, if the paper is still smeared after selecting the **Thick Paper and Envelopes** setting, select the **Short Grain Paper** setting in the Extended Settings of the printer software.
- Remove each sheet from the output tray as it is printed.
- Avoid handling printouts on glossy paper right after printing to allow the ink to set.
- Turn off any high speed settings in your product software.
- If you print on both sides of a sheet of paper, smudges may appear on the reverse side of heavily saturated or dark images. If one side of a sheet will contain a lighter image or text, print that side first. Make sure the ink has dried before reloading the paper to print on the other side. Adjust the density and/or ink drying time settings.
- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- Align the print head. If print quality does not improve, disable the bidirectional setting.
- Adjust the print quality in the product software.
- Clean the paper path.

Note: Your product will not operate properly while tilted at an angle. Place it on a flat, stable surface that extends beyond the base of the product in all directions.

Parent topic: [Solving Print Quality Problems](#)

Related concepts

[Print Head Cleaning](#)

[Print Quality Adjustment](#)

Related references

[Double-sided Printing Options - Windows](#)

[Paper Specifications](#)

[Compatible Epson Papers](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Additional Layout and Print Options - Windows](#)

Faint Printout or Printout Has Gaps

If your printouts are faint or have gaps, try these solutions:

- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- The ink cartridges may be old or low on ink, and you may need to replace them.
- Make sure the paper type setting matches the type of paper you loaded.
- Make sure your paper is not damp, curled, old, or loaded incorrectly in your product.
- Align the print head.
- Adjust the print quality in the product software.

Parent topic: [Solving Print Quality Problems](#)

Related concepts

[Print Head Nozzle Check](#)

[Print Head Cleaning](#)

[Print Quality Adjustment](#)

Related references

[Paper or Media Type Settings - Printing Software](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Basic Print Settings - Mac](#)

[Cleaning the Paper Guide](#)

Related topics

[Loading Paper](#)

[Replacing Ink Cartridges, Maintenance Boxes, and Cassette Rollers](#)

Grainy Printout

If your printouts are grainy, try these solutions:

- Make sure you loaded the printable side of the paper correctly for your product.
- Select a higher print quality setting and turn off any high speed settings in your product software.
- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.

- Align the print head.
- Adjust the print quality in the product software.
- You may need to increase the image resolution or print a smaller size; see your software documentation.

Note: Images from the Internet may be low resolution and not result in a high quality printout.

- If you enlarged the image size in an image-editing program, you need to increase the image resolution setting to retain a high image quality. Increase the image resolution by the same amount you increase the image size. For example, if the image resolution is 300 dpi (dots per inch) and you will double the image size for printing, change the resolution setting to 600 dpi.

Note: Higher resolution settings result in larger file sizes, which take longer to process and print. Consider the limitations of your computer system when selecting a resolution, and select the lowest possible resolution that produces acceptable quality to keep file sizes manageable.

Parent topic: [Solving Print Quality Problems](#)

Related concepts

[Print Head Nozzle Check](#)

[Print Head Alignment](#)

[Print Quality Adjustment](#)

[Print Head Cleaning](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Additional Layout and Print Options - Windows](#)

[Selecting Basic Print Settings - Mac](#)

[Selecting Printing Preferences - Mac](#)

Related topics

[Loading Paper](#)

Incorrect Colors

If your printouts have incorrect colors, try these solutions:

- Make sure the paper type setting matches the paper you loaded.
- Make sure the **Black/Grayscale** or **Grayscale** setting is not selected in your printer software.

- Run a nozzle check to see if any of the print head nozzles are clogged. Then clean the print head, if necessary.
- The ink cartridges may be old or low on ink, and you may need to replace them.
- After you print, the colors in your printout need time to set as the ink dries. During this time, the colors may look different than you expect. To speed up drying time, do not stack your printouts on top of each other.
- Your printed colors can never exactly match your on-screen colors. However, you can use a color management system to get as close as possible. Try using the color management options in your printer software.
- Select **Custom** as the **Color Correction** setting on the More Options tab of the printer software, then click **Advanced**. Try changing the **Scene Correction** setting to something other than **Automatic**. If changing that setting does not work, change the **Color Management** setting to any color correction method other than **PhotoEnhance**.
- If you are using the Windows PostScript printer software, try adjusting the **Color Mode** setting on the Advanced tab of the printer software.
- For best results, use genuine Epson paper.

Parent topic: [Solving Print Quality Problems](#)

Related concepts

[Print Head Cleaning](#)

[Print Head Nozzle Check](#)

Related references

[Compatible Epson Papers](#)

Related tasks

[Selecting Basic Print Settings - Windows](#)

[Selecting Additional Layout and Print Options - Windows](#)

[Selecting Basic Print Settings - Mac](#)

[Managing Color - Mac](#)

Uninstall Your Product Software

If you have a problem that requires you to uninstall and re-install your software, follow the instructions for your operating system.




[Uninstalling Printing Software - Windows](#)

[Uninstalling Product Software - Mac](#)

Parent topic: [Solving Problems](#)

Uninstalling Printing Software - Windows

You can uninstall and then re-install your printer software to solve certain problems.

1. Turn off the product.
2. Disconnect any interface cables.
3. Do one of the following:
 - **Windows 11:** Click , then search for **Settings** and select it. Select **Apps** or **System > Apps & features**. Then select the program you want to uninstall and select **Uninstall**.
 - **Windows 10:** Click  and select  (Settings) > **Apps > Apps & features**. Select the program you want to uninstall and select **Uninstall**.
 - **Windows 8.x:** Navigate to the **Apps** screen and select **Control Panel > Programs > Programs and Features**. Select the uninstall option for your Epson product, then select **Uninstall/Change**.

Note: If you see a **User Account Control** window, click **Yes** or **Continue**.

In the next window, select your product, if necessary, and click **OK**. Then follow any on-screen instructions.

- **Windows (other versions):** Click  or **Start**, and select **All Programs** or **Programs**. Select **Epson**, select your product, then click **EPSON Printer Software Uninstall**.

Note: If you see a **User Account Control** window, click **Yes** or **Continue**.

In the next window, select your product, if necessary, and click **OK**. Then follow any on-screen instructions.

4. Restart your computer, then re-install your software.

Note: If you find that re-installing your product software does not solve a problem, contact Epson.

Parent topic: [Uninstall Your Product Software](#)

Uninstalling Product Software - Mac

In most cases, you do not need to uninstall your product software before re-installing it. However, you can download the Uninstaller utility from the Epson support website to uninstall your product software as described here.

Note: If you find that re-installing your product software does not solve a problem, contact Epson.

1. To download the Uninstaller utility, visit epson.com/support (U.S.) or epson.ca/support (Canada) and select your product.
2. Click **Downloads**.
3. Select your operating system, click **Utilities**, locate the Uninstaller utility, and click **Download**.
4. Run the file you downloaded.
5. Double-click the **Uninstaller** icon.
6. In the Epson Uninstaller screen, select the checkbox for each software program you want to uninstall.
7. Click **Uninstall**.
8. Follow the on-screen instructions to uninstall the software.
9. Reinstall your product software.

Note: If you uninstall the printer driver and your product name remains in the **Print & Fax**, **Print & Scan**, or **Printers & Scanners** window, select your product name and click the – (remove) icon to remove it.

Parent topic: [Uninstall Your Product Software](#)

Where to Get Help

If you need to contact Epson for technical support services, use the following support options.

Internet Support

Visit Epson's support website at epson.com/support (U.S.), epson.ca/support (Canada), or latin.epson.com/support (Latin America) and select your product for solutions to common problems. You can download drivers and documentation, get FAQs and troubleshooting advice, or e-mail Epson with your questions.

Speak to a Support Representative

Before you call Epson for support, please have the following information ready:

- Product name
- Product serial number (located on a label on the product)
- Proof of purchase (such as a store receipt) and date of purchase
- Computer configuration
- Description of the problem

Then call: (866) 212-8743, 7 a.m. to 4 p.m., Pacific Time, Monday through Friday.

Days and hours of support are subject to change without notice. Toll or long distance charges may apply.

Purchase Supplies and Accessories

You can purchase genuine Epson ink and paper at epson.com (U.S. sales), epson.ca (Canadian sales), or latin.epson.com (Latin American sales). You can also purchase supplies from an Epson authorized reseller. To find the nearest one, call 800-GO-EPSON (800-463-7766) in the U.S. or 800-807-7766 in Canada.

Parent topic: [Solving Problems](#)

Where to Get Help

If you need to contact Epson for technical support services, use the following support options.

Internet Support

Visit Epson's support website at epson.com/support (U.S.) or epson.ca/support (Canada) and select your product for solutions to common problems. You can download drivers and documentation, get FAQs and troubleshooting advice, or e-mail Epson with your questions.

Speak to a Support Representative

Before you call Epson for support, please have the following information ready:

- Product name
- Product serial number (located on a label on the product)
- Proof of purchase (such as a store receipt) and date of purchase
- Computer configuration

- Description of the problem

Then call:

- U.S.: (562) 276-7202, 7 a.m. to 4 p.m., Pacific Time, Monday through Friday
- Canada: (905) 709-2567, 7 a.m. to 4 p.m., Pacific Time, Monday through Friday

Days and hours of support are subject to change without notice. Toll or long distance charges may apply.

Purchase Supplies and Accessories

You can purchase genuine Epson ink and paper at epson.com (U.S. sales) or epson.ca (Canadian sales). You can also purchase supplies from an Epson authorized reseller. To find the nearest one, call 800-GO-EPSON (800-463-7766) in the U.S. or 800-807-7766 in Canada.

Parent topic: [Solving Problems](#)

Technical Specifications

These sections list the technical specifications for your product.

Note: Epson offers a recycling program for end of life Epson products. Please go to [this site](#) (U.S.) or [this site](#) (Canada) for information on how to return your Epson products for proper disposal.

[Windows System Requirements](#)

[Mac System Requirements](#)

[Paper Specifications](#)

[Printable Area Specifications](#)

[Ink Cartridge Specifications](#)

[Dimension Specifications](#)

[Electrical Specifications](#)

[Environmental Specifications](#)

[Interface Specifications](#)

[Network Interface Specifications](#)

[Safety and Approvals Specifications](#)

[PostScript Fonts](#)

[PCL Fonts](#)

[PCL Mode 5 Symbol Sets](#)

Windows System Requirements

To use your product and its software, your computer should use one of these Microsoft operating systems:

- Windows 11
- Windows 10
- Windows 8.x
- Windows 7
- Windows Server 2022
- Windows Server 2019
- Windows Server 2016

- Windows Server 2012 R2
- Windows Server 2012
- Windows Server 2008 R2
- Windows Server 2008

Note: For the latest product software available for your operating system, visit the Epson support site at epson.com/support (U.S.) or epson.ca/support (Canada), select your product, and select **Downloads**.

Parent topic: [Technical Specifications](#)

Mac System Requirements

To use your product and its software, your Mac should use one of these operating systems:

- macOS 14.x
- macOS 13.x
- macOS 12.x
- macOS 11.x
- macOS 10.15.x
- macOS 10.14.x
- macOS 10.13.x
- macOS 10.12.x
- OS X 10.11.x
- OS X 10.10.x
- OS X 10.9.5.x

Note: For the latest product software available for your operating system, visit the Epson support site at epson.com/support (U.S.) or epson.ca/support (Canada), select your product, and select **Downloads**.

Parent topic: [Technical Specifications](#)

Paper Specifications

Note: Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, Epson cannot guarantee the quality of any non-Epson brand or type of paper. Always test a sample of paper stock before purchasing large quantities or printing large jobs.

Single-sheets

Size	A6 (4.1 × 5.8 inches [105 × 148 mm]) A5 (5.8 × 8.2 inches [148 × 210 mm]) A4 (8.3 × 11.7 inches [210 × 297 mm]) A3 (11.7 × 16.5 inches [297 × 420 mm]) 13 × 19 inches (330 × 483 mm) B6 (5 × 7.2 inches [128 × 182 mm]) B5 (7.2 × 10.1 inches [182 × 257 mm]) B4 (13.9 × 9.84 inches [353 × 250 mm]) Half Letter (5.5 × 8.5 inches [140 × 216 mm]) Executive (7.25 × 10.5 inches [184 × 267 mm]) Oficio 9 (8.46 × 12.4 inches [215 × 315 mm]) Letter (8.5 × 11 inches [216 × 279 mm]) 8.5 × 13 inches (216 × 330 mm) Mexico-Oficio (8.5 × 13.4 inches [216 × 340 mm]) Legal (8.5 × 14 inches [216 × 356 mm]) 11 × 17 inches (279 × 432 mm)
Paper types	Plain paper and paper distributed by Epson
Weight	Plain paper: 17 lb (64 g/m ²) to 24 lb (90 g/m ²) Thick paper: 25 lb (91 g/m ²) to 68 lb (256 g/m ²)

Envelopes

Size	No. 10 (4.1 × 9.5 inches [105 × 241 mm]) DL (8.66 × 4.33 inches [110 × 220 mm]) C6 (4.5 × 6.4 inches [114 × 162 mm])
Paper types	Plain bond paper
Weight	20 lb (75 g/m ²) to 27 lb (100 g/m ²)

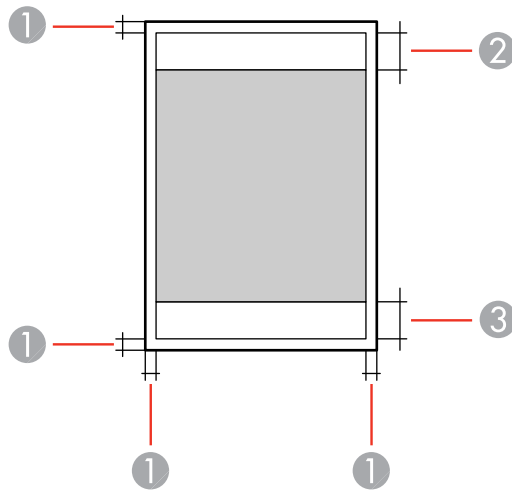
Parent topic: [Technical Specifications](#)

Related references

[Paper Loading Capacity](#)

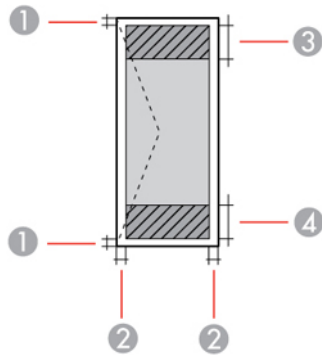
Printable Area Specifications

Single sheets



- 1 Top/bottom/right/left: 0.12 inch (3 mm) minimum
- 2 Reduced print quality area/top: 1.81 inches (46 mm) minimum
- 3 Reduced print quality area/bottom: 2.00 inches (51 mm) minimum

Envelopes



- 1 Left/right: 0.12 inch (3 mm) minimum
Top/bottom margins: 0.12 inch (3 mm) minimum
- 3 Reduced print quality area/left: 0.71 inches (18 mm) minimum
- 4 Reduced print quality area/right: 1.81 inches (46 mm) minimum

Parent topic: [Technical Specifications](#)

Ink Cartridge Specifications

Note: Your printer is designed to work only with genuine Epson-brand ink cartridges. Other brands of ink cartridges and ink supplies are not compatible and, even if described as compatible, may not function properly or at all. Epson periodically provides firmware updates to address issues of security, performance, minor bug fixes and ensure the printer functions as designed. These updates may affect the functionality of third-party ink. Non-Epson branded or altered Epson cartridges that functioned prior to a firmware update may not continue to function.

The included initial cartridges are designed for reliable printer setup and cannot be used as replacement cartridges or resold. After setup, the remaining ink is available for printing. Yields are based on ISO 24711 in default mode, printing continuously. Yields vary due to print images, settings, and temperatures. Printing infrequently or primarily with one color reduces yields. All cartridges must be installed with ink for printing and printer maintenance. For print quality, some ink remains in replaced cartridges.

Color	Black, Cyan, Magenta, Yellow
Cartridge life	Opened package: 6 months Unopened package: do not use if the date on the package has expired
Temperature	Storage: -4 to 104 °F (-20 to 40 °C) 1 month at 104 °F (40 °C) Ink freezes at -9.4 °F (-23 °C) ¹ Ink thaws and is usable after 3 hours at 77 °F (25 °C)

¹ Depending on the color, ink may partially freeze at 0 °C or lower. Can store for one month at 104 °F (40 °C)

Note: For best printing results, use up a cartridge within 6 months of opening the package.

Parent topic: [Technical Specifications](#)

Related references

[Ink Cartridge Part Numbers](#)

Dimension Specifications

Height

Storage: 15.2 inches (386 mm)

Stored with one optional paper cassette installed: 20.2 inches (513 mm)

Stored with two optional paper cassettes installed: 25.2 inches (641 mm)

Stored with three optional paper cassettes and cabinet installed: 41.5 inches (1055 mm)

Printing: 22.5 inches (571 mm)

Printing with one optional paper cassette installed: 27.5 inches (698 mm)

Printing with two optional paper cassettes installed: 27.5 inches (826 mm)

Printing with three optional paper cassettes and cabinet installed: 48.8 inches (1240 mm)

Width

Storage: 24.1 inches (613 mm)

Printing: 24.1 inches (613 mm)

With three optional paper cassettes and cabinet installed: 30.4 inches (772 mm)

Depth

Storage: 25.6 inches (650 mm)

Stored with three optional paper cassettes and cabinet installed: 31.4 inches (797 mm)

Printing: 33.9 inches (862 mm)

Printing with three optional paper cassettes and cabinet installed: 34.2 inches (869 mm)

Weight

(without ink cartridges or power cord)

78.0 lb (35.4 kg)

With one optional paper cassette installed: 103.8 lb (47.1 kg)

With two optional paper cassettes installed: 129.7 lb (58.7 kg)

With three optional paper cassettes and cabinet installed: 208.1 lb (94.4 kg)

Parent topic: [Technical Specifications](#)

Electrical Specifications

Power supply rating	AC 100 to 240 V
Rated frequency range	50 to 60 Hz
Rated current	1.6 to 0.8 A
Power consumption (with USB Connection)¹	Printing: Approximately 37 W (ISO/IEC24712) Ready mode: Approximately 8.5 W Sleep mode: Approximately 0.8 W Power off mode: Approximately 0.1 W

¹ When four optional paper cassettes (C1 to C4) are installed

Parent topic: [Technical Specifications](#)

Environmental Specifications

Temperature	Operating: 50 to 95 °F (10 to 35 °C) Storage (before initial ink charging): -4 to 104 °F (-20 to 40 °C) ¹ Storage (after initial ink charging): 5 to 104 °F (-15 to 40 °C) ¹ 1 month at 104 °F (40 °C)
Humidity (without condensation)	Operating: 20 to 80% RH Storage: 5 to 85% RH

¹ Can store for one month at 104 °F (40 °C)

Parent topic: [Technical Specifications](#)

Interface Specifications

Interface type	SuperSpeed USB
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Parent topic: [Technical Specifications](#)

Network Interface Specifications

Wi-Fi

Standards	IEEE 802.11 b/g/n ¹ /ac
Frequency ranges	IEEE802.11b/g/n: 2.4 GHz IEEE802.11a/n/ac: 5.0 GHz
Channels	Wi-Fi 2.4 GHz: 1/2/3/4/5/6/7/8/9/10/11/12/13 5.0 GHz: W52 (36/40/44/48), W53 (52/56/60/64), W56 (100/104/108/112/116/120/124/128/132/136/140), W58 (149/153/157/161/165) Wi-Fi Direct 2.4 GHz: 1/2/3/4/5/6/7/8/9/10/11/12/13 5.0 GHz: W52 (36/40/44/48), W58 (149/153/157/161/165)
Connection modes	Infrastructure mode Wi-Fi Direct (Simple AP) ² ; not supported for IEEE 802.11b
Security protocols Wi-Fi Direct only supports WPA2-PSK (AES)	WEP (64/128bit), WPA2-PSK (AES), WPA3-SAE (AES), WPA2/WPA3-Enterprise (Complies with WPA2 standards with support for WPA/WPA2 Personal)

¹ Only available for the HT20

² Infrastructure and Wi-Fi Direct modes or an Ethernet connection can be used simultaneously

Ethernet

Standards	IEEE802.3i (10BASE-T) ¹ IEEE802.3u (100BASE-TX) ¹ IEEE802.3ab (1000BASE-T) ¹ IEEE802.3az (Energy Efficient Ethernet); the connected device should be IEEE802.3az compliant
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Communication mode	Auto, 10Mbps Full duplex, 10Mbps Half duplex, 100Mbps Full duplex, 100Mbps Half duplex
Connector	RJ-45

¹ Use a category 5e or higher STP (Shielded twisted pair) cable to prevent risk of radio interference

Network Functions and IPv4/IPv6

Network Printing	EpsonNet Print (Windows): IPv4 Standard TCP/IP (Windows): IPv4, IPv6 WSD Printing (Windows): IPv4, IPv6 Bonjour Printing (Mac OS): IPv4, IPv6 IPP Printing (Windows, Mac OS): IPv4, IPv6 FTP Printing: IPv4, IPv6 Epson Connect (Email Print, Remote Print): IPv4 AirPrint (iOS 5 or later, Mac OS) ¹ : IPv4, IPv6
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¹ OS X Mavericks (10.9.5) or later

Security

IEEE802.1X; requires the connected device to comply with IEEE802.1x

IPsec/IP Filtering

SSL/TLS; either HTTPS Server/Client or IPPS

TLS Version; 1.3, 1.2, 1.1 (disabled by default), or 1.0 (disabled by default)

SMTPS (STARTTLS, SSL/TLS)

SNMPv3

Parent topic: [Technical Specifications](#)

Safety and Approvals Specifications

United States

Safety: UL62368-1

EMC: FCC Part 15 Subpart B Class B

Canada

Safety: CAN/CSA C22.2 No. 62368-1

EMC: CAN ICES-3 (B)/NMB-3 (B)

This equipment contains the following wireless module:

- Manufacturer: Seiko Epson Corporation.
- Type: J26H005

This product conforms to Part 15 of FCC Rules and RSS-210 of the IC Rules. Epson cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated so that the radiator is kept at least 7.9 inches (20 cm) or more away from a person's body (excluding extremities: hands, wrists, feet and ankles).

Parent topic: [Technical Specifications](#)

PostScript Fonts

Font name	Family	HP equivalent
Nimbus Mono	Medium, Bold, Italic, Bold Italic	Courier
Letter Gothic	Medium, Bold, Italic,	Letter Gothic
Nimbus Mono PS	Regular, Bold, Oblique, Bold Oblique	CourierPS
Nimbus Roman No4	Medium, Bold, Italic, Bold Italic	CG Times
URW Classico	Medium, Bold, Italic, Bold Italic	CG Omega
URW Coronet	—	Coronet
URW Clarendon Condensed	—	Clarendon Condensed

Font name	Family	HP equivalent
URW Classic Sans	Medium, Bold, Italic, Bold Italic	Univers
URW Classic Sans Condensed	Medium, Bold, Italic, Bold Italic	Univers Condensed
Antique Olive	Medium, Bold, Italic	Antique Olive
Garamond	Antiqua, Halbfett, Kursiv, Kursiv Halbfett	Garamond
Mauritius	—	Marigold
Algiers	Medium, Extra Bold	Albertus
Nimbus Sans No2	Medium, Bold, Italic, Bold Italic	Arial
Nimbus Roman No9	Medium, Bold, Italic, Bold Italic	Times New Roman
Nimbus Sans	Medium, Bold, Oblique, Bold Oblique	Helvetica
Nimbus Sans Narrow	Medium, Bold, Oblique, Bold Oblique	Helvetica Narrow
Palladio	Roman, Bold, Italic, Bold Italic	Palatino
URW Gothic	Book, Demi, Book Oblique, Demi Oblique	ITC Avant Garde
URW Bookman	Light, Demi, Light Italic, Demi Italic	ITC Bookman
URW Century Schoolbook	Roman, Bold, Italic, Bold Italic	New Century Schoolbook
Nimbus Roman	Medium, Bold, Italic, Bold Italic	Times
URW Chancery Medium Italic	—	ITC Zapf Chancery Italic
Symbol	—	Symbol
URW Dingbats	—	Wingdings
Dingbats	—	ITC Zapf Dingbats
Standard Symbol	—	SymbolPS

Parent topic: [Technical Specifications](#)

PCL Fonts

Scalable Fonts

Font name	Family	HP equivalent	Symbol set
Nimbus Mono	Medium, Bold, Italic, Bold Italic	Courier	1
Letter Gothic	Medium, Bold, Italic,	Letter Gothic	1
Nimbus Mono PS	Regular, Bold, Oblique, Bold Oblique	CourierPS	3
Nimbus Roman No4	Medium, Bold, Italic, Bold Italic	CG Times	2
URW Classico	Medium, Bold, Italic, Bold Italic	CG Omega	3
URW Coronet	—	Coronet	3
URW Clarendon Condensed	—	Clarendon Condensed	3
URW Classic Sans	Medium, Bold, Italic, Bold Italic	Univers	2
URW Classic Sans Condensed	Medium, Bold, Italic, Bold Italic	Univers Condensed	3
Antique Olive	Medium, Bold, Italic	Antique Olive	3
Garamond	Antiqua, Halbfett, Kursiv, Kursiv Halbfett	Garamond	3
Mauritius	—	Marigold	3
Algiers	Medium, Extra Bold	Albertus	3
NimbusSansNo2	Medium, Bold, Italic, Bold Italic	Arial	3
Nimbus Roman No9	Medium, Bold, Italic, Bold Italic	Times New	3
Nimbus Sans	Medium, Bold, Oblique, Bold Oblique	Helvetica	3

Font name	Family	HP equivalent	Symbol set
Nimbus Sans Narrow	Medium, Bold, Oblique, Bold Oblique	Helvetica Narrow	3
Palladio	Roman, Bold, Italic, Bold Italic	Palatino	3
URW Gothic	Book, Demi, Book Oblique, Demi Oblique	ITC Avant Garde Gothic	3
URW Bookman	Light, Demi, Light Italic, Demi Italic	ITC Bookman	3
URW Century Schoolbook	Roman, Bold, Italic, Bold Italic	New Century Schoolbook	3
Nimbus Roman	Medium, Bold, Italic, Bold Italic	Times	3
URW Chancery Medium Italic	—	ITC Zapf Chancery Italic	3
Symbol	—	Symbol	4
URW DingBats	—	Wingdings	5
Dingbats	—	ITC Zapf Dingbats	6
Standard Symbol	—	SymbolPS	4
URW David	Medium, Bold	HP David	7
URW Narkis	Medium, Bold	HP Narkis	7
URW Miryam	Medium, Bold, Italic	HP Miryam	7
URW Koufi	Medium, Bold	Koufi	8
URW Naskh	Medium, Bold	Naskh	8
URW Ryadh	Medium, Bold	Ryadh	8

Bitmap Font

Line Printer, Symbol set 9

OCR/Barcode Bitmap Font (PCL5 Mode Only)

Font name	Family	Symbol set
OCR A	—	10
OCR B	—	11
Code 39	9.37cpi, 4.68cpi	12
EAN/UPC	Medium, Bold	13

Note: Depending on the print density, or quality and color of the paper, the OCR/Barcode Bitmap fonts may not be readable. Print a sample and check for readability before printing large quantities.

Parent topic: [Technical Specifications](#)

PCL Mode 5 Symbol Sets

Your product can access a variety of symbol sets. Many of these symbol sets differ only in the international characters specific to each language.

Note: Since most software handles fonts and symbols automatically, you may never need to adjust your product settings. However, if you write your own product control programs, or if you use older software that cannot control fonts, refer to these tables for details on the symbol sets.

When you consider which font to use, also consider which symbol set to combine with the font.

Symbol set name	Attribute	Font classification
Norweg1	0D	1, 2, 3
Roman Extension	0E	9
Italian	0I	1, 2, 3
EMC94-1	0N	1, 2, 3, 9
Swedis2	0S	1, 2, 3
ANSI ASCII	0U	1, 2, 3, 7, 8
UK	1E	1, 2, 3
French2	1F	1, 2, 3

Symbol set name	Attribute	Font classification
German	1G	1, 2, 3
Legal	1U	1, 2, 3, 9
8859-2 ISO	2N	1, 2, 3, 9
Spanish	2S	1, 2, 3
ISO 8859/4 Latin 4	4N	1, 2, 3
Roman-9	4U	1, 2, 3
PsMath	5M	1, 2, 3, 7, 8
8859-9 ISO	5N	1, 2, 3, 9
WiTurkish	5T	1, 2, 3
MSPublishin	6J	1, 2, 3
VeMath	6M	1, 2, 3
8859-10ISO	6N	1, 2, 3, 9
DeskTop	7J	1, 2, 3
Math-8	8M	1, 2, 3, 7, 8
Roman-8	8U	1, 2, 3, 9
WiE.Europe	9E	1, 2, 3
Pc1004	9J	1, 2, 3
8859-15ISO	9N	1, 2, 3, 9
PcTk437	9T	1, 2, 3
Windows	9U	1, 2, 3
PsText	10J	1, 2, 3
IBM-US	10U	1, 2, 3, 9
IBM-DN	11U	1, 2, 3, 9
McText	12J	1, 2, 3
PcMultiling	12U	1, 2, 3, 9
VeInternati	13J	1, 2, 3

Symbol set name	Attribute	Font classification
PcEur858	13U	1, 2, 3
VeUS	14J	1, 2, 3
PiFont	15U	1, 2, 3
PcE.Europe	17U	1, 2, 3
Unicode 3.0	18N	1, 2, 3, 7, 8
WiBALT	19L	1, 2, 3
WiAnsi	19U	1, 2, 3
PcBlit775	26U	1, 2, 3
Pc866Cyr	3R	1, 2
Greek8	8G	1, 2
WinGrk	9G	1, 2
WinCyr	9R	1, 2
Pc851Grk	10G	1, 2
ISOCyr	10N	1, 2, 9
Pc8Grk	12G	1, 2
ISOGrk	12N	1, 2
Pc866Ukr	14R	1, 2
Hebrew7	0H	1, 7
8859-8 ISO	7H	1, 7
Hebrew8	8H	1, 7
Pc862Heb	15H	1, 7
PC-862, Hebrew	15Q	1, 7
Arabic8	8V	8
HPWARA	9V	8
Pc864Ara	10V	8
Symbol	19M	4

Symbol set name	Attribute	Font classification
Wingdings	579L	5
ZapfDingbats	14L	6
OCR A	0O	10
OCR B	1O	11
OCR B Extension	3Q	11
Code3-9	0Y	12
EAN/UPC	8Y	13

Parent topic: [Technical Specifications](#)

Notices

Check these sections for important notices about your product.

Note: Epson offers a recycling program for end of life Epson products. Please go to [this site](#) (U.S.) or [this site](#) (Canada) for information on how to return your Epson products for proper disposal.

[Important Safety Instructions](#)

[FCC Compliance Statement](#)

[Binding Arbitration and Class Waiver](#)

[Trademarks](#)

[Copyright Notice](#)

Important Safety Instructions

Before using your Epson product, read and follow these safety instructions.

[General Printer Safety Instructions](#)

[Ink Cartridge Safety Instructions](#)

[Wireless Connection Safety Instructions](#)

[LCD Screen Safety Instructions](#)

Parent topic: [Notices](#)

General Printer Safety Instructions

- Be sure to follow all warnings and instructions marked on the printer.
- Use only the type of power source indicated on the printer's label.
- Use only the power cord that comes with the printer. Use of another cord may cause fires or shock. Do not use the cord with any other equipment.
- Make sure the AC power cord meets the relevant local safety standard.
- Place the printer near a wall outlet where the plug can be easily unplugged.
- Avoid plugging the printer into an outlet on the same circuit as a photo copier or air control system that regularly switches on and off, or on an outlet controlled by a wall switch or timer.
- Do not let the power cord become damaged or frayed.

- If you use an extension cord with the printer, make sure the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.
- Always turn off the printer using the power button, and wait until the power light stops flashing before unplugging the printer or cutting off power to the electrical outlet.
- Place the printer on a flat, stable surface that extends beyond its base in all directions. It will not operate properly if it is tilted or at an angle.
- Keep your product at least 8.7 inches (22 cm) away from cardiac pacemakers to prevent your product's radio waves from affecting the operation of the pacemaker.
- Leave enough space in front of the printer for the paper to be fully ejected.
- Avoid locations that are subject to rapid changes in heat or humidity, shocks or vibrations, or dust.
- Do not place the printer near a radiator or heating vent or in direct sunlight.
- Leave enough room around the printer for sufficient ventilation. Do not block or cover openings in the case or insert objects through the slots.
- The power-supply cords should be placed to avoid abrasions, cuts, fraying, crimping, and kinking. Do not place objects on top of the power-supply cords and do not allow the power-supply cords to be stepped on or run over. Be particularly careful to keep all the power-supply cords straight at the ends.
- Keep the printer away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.
- Do not place or store the printer outdoors, near excessive dirt or dust, water, heat sources, or in locations subject to shocks, vibrations, high temperature or humidity.
- When connecting the printer to a computer or other device with a cable, ensure the correct orientation of the connectors. Each connector has only one correct orientation. Inserting a connector in the wrong orientation may damage both devices connected by the cable.
- Do not insert objects through the slots on the printer.
- Do not put your hand inside the printer while it is printing.
- Do not touch the flat white cable inside the printer.
- Do not move the print head by hand; this may damage the printer.
- Do not spill liquid on the printer and do not handle the printer with wet hands.
- Do not use aerosol products that contain flammable gases inside or around the printer. Doing so may cause fire.
- Except as specifically explained in your documentation, do not attempt to service the printer yourself.

- Unplug the printer and refer servicing to qualified service personnel under the following conditions: if the power cord or plug is damaged; if liquid has entered the product; if the product has been dropped or the case damaged; if the product does not operate normally or exhibits a distinct change in performance. Adjust only those controls that are covered by the operating instructions.
- If damage occurs to the plug, replace the cord set or consult a qualified electrician. If there are fuses in the plug, make sure you replace them with fuses of the correct size and rating.
- Never disassemble, modify, or attempt to repair the power cord, plug, printer, or options by yourself, except as specifically explained in the printer's manuals.
- Unplug the power cord from the electrical outlet if you are not going to use the printer for an extended period.
- Before transporting the printer, make sure that the print head is in the home (far right) position and the ink cartridges are in place.
- When storing or transporting the printer, do not tilt it, stand it on its side, or turn it upside down; otherwise, ink may leak.

Parent topic: [Important Safety Instructions](#)

Ink Cartridge Safety Instructions

- Keep ink cartridges and maintenance box out of the reach of children and do not drink the ink.
- Be careful when you handle used ink cartridges; there may be ink remaining around the ink supply port. If ink gets on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water. If you experience discomfort or vision problems after flushing your eyes, see a doctor immediately. If ink gets in your mouth, see a doctor immediately.
- Do not put your hand inside the product or touch any cartridges during printing.
- Do not turn off the product during ink charging. If ink charging is incomplete, you may not be able to print.
- Install a new ink cartridge immediately after removing an expended one. Leaving cartridges uninstalled can dry out the print head and may prevent the product from printing.
- Do not remove or tear the label on the cartridge; this can cause leakage.
- Do not drop or knock ink cartridges against hard objects; this can cause leakage.
- Do not remove the transparent seal from the bottom of the cartridge. This may cause the cartridge to become unusable.
- Do not disassemble or modify the ink cartridge; you may not be able to print normally.
- Do not break the hooks on the side of the cartridge when removing it from the packaging.

- Do not touch the green IC chip on the side of the cartridge. This may prevent normal operation.
- Do not shake cartridges too vigorously; this can cause them to leak.
- If you remove an ink cartridge for later use, protect the ink supply area from dirt and dust and store it in the same environment as the product. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. Do not touch the ink cartridge ink supply port or surrounding area.
- Use an ink cartridge before the date printed on its package or within six months of opening the package, whichever is earlier.
- Do not dismantle an ink cartridge. This could damage the print head.
- Keep the ink cartridges out of direct sunlight.
- Store ink cartridges in a cool, dark place; do not store the ink cartridges in high or freezing temperatures.
- Make sure to install all ink cartridges. The printer only works when all ink cartridges are properly installed.
- After bringing an ink cartridge inside from a cold storage site, allow it to warm up at room temperature for at least three hours before using it.

Parent topic: [Important Safety Instructions](#)

Wireless Connection Safety Instructions

Radio waves from this product may adversely affect the operation of medical equipment or automatically controlled devices, such as pacemakers, automatic doors or fire alarms. When using this product near such devices or inside a medical facility, follow the directions from authorized staff members at the facility, and follow all posted warnings and directions on the device to avoid causing an accident.

Do not connect this product to the internet directly. Connect it to a network protected by a router or firewall.

Parent topic: [Important Safety Instructions](#)

LCD Screen Safety Instructions

- Use only a dry, soft cloth to clean the LCD screen. Do not use liquid or chemical cleansers.
- If the LCD screen is damaged, contact Epson. If the liquid crystal solution gets on your hands, wash them thoroughly with soap and water. If the liquid crystal solution gets into your eyes, flush them immediately with water. If discomfort or vision problems remain after a thorough flushing, see a doctor immediately. If liquid enters your mouth, see a doctor immediately.
- Do not press too hard on the LCD screen or subject it to heavy impacts.

- If the LCD screen chips or cracks, do not touch or attempt to remove the broken pieces; contact Epson for support.
- The LCD screen may contain a few small bright or dark spots, and may display uneven brightness. These are normal and do not indicate that the screen is damaged in any way.

Parent topic: [Important Safety Instructions](#)

FCC Compliance Statement

For United States Users

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification or Declaration of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

For Canadian Users

CAN ICES-3(B)/NMB-3(B)

Parent topic: [Notices](#)

Binding Arbitration and Class Waiver

1. DISPUTES, BINDING INDIVIDUAL ARBITRATION, AND WAIVER OF CLASS ACTIONS AND CLASS ARBITRATIONS

1.1 **Disputes.** The terms of this Section 1 shall apply to all Disputes between you and Epson. The term "Dispute" is meant to have the broadest meaning permissible under law and includes any dispute, claim, controversy or action between you and Epson arising out of or relating to this Agreement, Epson branded products (hardware and including any related software), or other transaction involving you and Epson, whether in contract, warranty, misrepresentation, fraud, tort, intentional tort, statute, regulation, ordinance, or any other legal or equitable basis. "DISPUTE" DOES NOT INCLUDE IP CLAIMS, or more specifically, a claim or cause of action for (a) trademark infringement or dilution, (b) patent infringement, (c) copyright infringement or misuse, or (d) trade secret misappropriation (an "IP Claim"). You and Epson also agree, notwithstanding Section 1.6, that a court, not an arbitrator, may decide if a claim or cause of action is for an IP Claim.

1.2 **Binding Arbitration.** You and Epson agree that all Disputes shall be resolved by binding arbitration according to this Agreement. **ARBITRATION MEANS THAT YOU WAIVE YOUR RIGHT TO A JUDGE OR JURY IN A COURT PROCEEDING AND YOUR GROUNDS FOR APPEAL ARE LIMITED.** Pursuant to this Agreement, binding arbitration shall be administered by JAMS, a nationally recognized arbitration authority, pursuant to its code of procedures then in effect for consumer related disputes, but excluding any rules that permit joinder or class actions in arbitration (for more detail on procedure, see Section 1.6 below). You and Epson understand and agree that (a) the Federal Arbitration Act (9 U.S.C. §1, et seq.) governs the interpretation and enforcement of this Section 1, (b) this Agreement memorializes a transaction in interstate commerce, and (c) this Section 1 shall survive termination of this Agreement.

1.3 **Pre-Arbitration Steps and Notice.** Before submitting a claim for arbitration, you and Epson agree to try, for sixty (60) days, to resolve any Dispute informally. If Epson and you do not reach an agreement to resolve the Dispute within the sixty (60) days, you or Epson may commence an arbitration. Notice to Epson must be addressed to: Epson America, Inc., ATTN: Legal Department, 3131 Katella Ave., Los Alamitos, CA 90720 (the "Epson Address"). The Dispute Notice to you will be sent to the most recent address Epson has in its records for you. For this reason, it is important to notify us if your address changes by emailing us at EAILEgal@ea.epson.com or writing us at the Epson Address above. Notice of the Dispute shall include the sender's name, address and contact information, the facts giving rise to the Dispute, and the relief requested (the "Dispute Notice"). Following receipt of the Dispute Notice, Epson and you agree to act in good faith to resolve the Dispute before commencing arbitration.

1.4 **Small Claims Court.** Notwithstanding the foregoing, you may bring an individual action in the small claims court of your state or municipality if the action is within that court's jurisdiction and is pending only in that court.

1.5 WAIVER OF CLASS ACTIONS AND CLASS ARBITRATIONS. YOU AND EPSON AGREE THAT EACH PARTY MAY BRING DISPUTES AGAINST THE OTHER PARTY ONLY IN AN INDIVIDUAL CAPACITY, AND NOT AS A PLAINTIFF OR CLASS MEMBER IN ANY CLASS OR REPRESENTATIVE PROCEEDING, INCLUDING WITHOUT LIMITATION FEDERAL OR STATE CLASS ACTIONS, OR CLASS ARBITRATIONS. CLASS ACTION LAWSUITS, CLASS-WIDE ARBITRATIONS, PRIVATE ATTORNEY-GENERAL ACTIONS, AND ANY OTHER PROCEEDING WHERE SOMEONE ACTS IN A REPRESENTATIVE CAPACITY ARE NOT ALLOWED. ACCORDINGLY, UNDER THE ARBITRATION PROCEDURES OUTLINED IN THIS SECTION, AN ARBITRATOR SHALL NOT COMBINE OR CONSOLIDATE MORE THAN ONE PARTY'S CLAIMS WITHOUT THE WRITTEN CONSENT OF ALL AFFECTED PARTIES TO AN ARBITRATION PROCEEDING.

1.6 Arbitration Procedure. If you or Epson commences arbitration, the arbitration shall be governed by the rules of JAMS that are in effect when the arbitration is filed, excluding any rules that permit arbitration on a class or representative basis (the "JAMS Rules"), available at <http://www.jamsadr.com> or by calling 1-800-352-5267, and under the rules set forth in this Agreement. All Disputes shall be resolved by a single neutral arbitrator, and both parties shall have a reasonable opportunity to participate in the selection of the arbitrator. The arbitrator is bound by the terms of this Agreement. The arbitrator, and not any federal, state or local court or agency, shall have exclusive authority to resolve all disputes arising out of or relating to the interpretation, applicability, enforceability or formation of this Agreement, including any claim that all or any part of this Agreement is void or voidable. Notwithstanding this broad delegation of authority to the arbitrator, a court may determine the limited question of whether a claim or cause of action is for an IP Claim, which is excluded from the definition of "Disputes" in Section 1.1 above. The arbitrator shall be empowered to grant whatever relief would be available in a court under law or in equity. The arbitrator may award you the same damages as a court could, and may award declaratory or injunctive relief only in favor of the individual party seeking relief and only to the extent necessary to provide relief warranted by that party's individual claim. In some instances, the costs of arbitration can exceed the costs of litigation and the right to discovery may be more limited in arbitration than in court. The arbitrator's award is binding and may be entered as a judgment in any court of competent jurisdiction.

You may choose to engage in arbitration hearings by telephone. Arbitration hearings not conducted by telephone shall take place in a location reasonably accessible from your primary residence, or in Orange County, California, at your option.

a) Initiation of Arbitration Proceeding. If either you or Epson decides to arbitrate a Dispute, both parties agree to the following procedure:

(i) Write a Demand for Arbitration. The demand must include a description of the Dispute and the amount of damages sought to be recovered. You can find a copy of a Demand for Arbitration at <http://www.jamsadr.com> ("Demand for Arbitration").

(ii) Send three copies of the Demand for Arbitration, plus the appropriate filing fee, to: JAMS, 500 North State College Blvd., Suite 600 Orange, CA 92868, U.S.A.

(iii) Send one copy of the Demand for Arbitration to the other party (same address as the Dispute Notice), or as otherwise agreed by the parties.

b) Hearing Format. During the arbitration, the amount of any settlement offer made shall not be disclosed to the arbitrator until after the arbitrator determines the amount, if any, to which you or Epson is entitled. The discovery or exchange of non-privileged information relevant to the Dispute may be allowed during the arbitration.

c) Arbitration Fees. Epson shall pay, or (if applicable) reimburse you for, all JAMS filings and arbitrator fees for any arbitration commenced (by you or Epson) pursuant to provisions of this Agreement.

d) Award in Your Favor. For Disputes in which you or Epson seeks \$75,000 or less in damages exclusive of attorney's fees and costs, if the arbitrator's decision results in an award to you in an amount greater than Epson's last written offer, if any, to settle the Dispute, Epson will: (i) pay you \$1,000 or the amount of the award, whichever is greater; (ii) pay you twice the amount of your reasonable attorney's fees, if any; and (iii) reimburse you for any expenses (including expert witness fees and costs) that your attorney reasonably accrues for investigating, preparing, and pursuing the Dispute in arbitration. Except as agreed upon by you and Epson in writing, the arbitrator shall determine the amount of fees, costs, and expenses to be paid by Epson pursuant to this Section 1.6d).

e) Attorney's Fees. Epson will not seek its attorney's fees and expenses for any arbitration commenced involving a Dispute under this Agreement. Your right to attorney's fees and expenses under Section 1.6d) above does not limit your rights to attorney's fees and expenses under applicable law; notwithstanding the foregoing, the arbitrator may not award duplicative awards of attorney's fees and expenses.

1.7 Opt-out. You may elect to opt-out (exclude yourself) from the final, binding, individual arbitration procedure and waiver of class and representative proceedings specified in this Agreement by sending a written letter to the Epson Address within thirty (30) days of your assent to this Agreement (including without limitation the purchase, download, installation of the Software or other applicable use of Epson Hardware, products and services) that specifies (i) your name, (ii) your mailing address, and (iii) your request to be excluded from the final, binding individual arbitration procedure and waiver of class and representative proceedings specified in this Section 1. In the event that you opt-out consistent with the procedure set forth above, all other terms shall continue to apply, including the requirement to provide notice prior to litigation.

1.8 Amendments to Section 1. Notwithstanding any provision in this Agreement to the contrary, you and Epson agree that if Epson makes any future amendments to the dispute resolution procedure and class action waiver provisions (other than a change to Epson's address) in this Agreement, Epson will obtain your affirmative assent to the applicable amendment. If you do not affirmatively assent to the applicable amendment, you are agreeing that you will arbitrate any Dispute between the parties in accordance with the language of this Section 1 (or resolve disputes as provided for in Section 1.7, if you timely elected to opt-out when you first assented to this Agreement).

1.9 Severability. If any provision in this Section 1 is found to be unenforceable, that provision shall be severed with the remainder of this Agreement remaining in full force and effect. **The foregoing shall not apply to the prohibition against class or representative actions as provided in Section 1.5. This means that if Section 1.5 is found to be unenforceable, the entire Section 1 (but only Section 1) shall be null and void.**

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This product will enter sleep mode after a period of nonuse. This is to ensure that the product meets Energy Star standards of energy efficiency. More energy savings can be achieved by setting the time to sleep to a shorter interval.

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