



User Guide

SUMMARY

This guide provides technical specifications and information about monitor features, setting up the monitor, and using the monitor.

Legal information

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Product notice

This guide describes features that are common to most models. Some features may not be available on your product. To access the latest user guide, go to <http://www.hp.com/support>, and follow the instructions to find your product. Then select **Setup & User Guides**.

To help us improve this document, please send any suggestions, comments, or errors to <mailto:hp.doc.feedback@hp.com>. Include the document part number when submitting your feedback.

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1 About this guide

This guide provides technical specifications and information about monitor features, setting up the monitor, and using the software. Depending on the model, your monitor may not have all the features included in this guide.


-
-  **WARNING!** Indicates a hazardous situation that, if not avoided, **could** result in serious injury or death.
 -  **CAUTION:** Indicates a hazardous situation that, if not avoided, **could** result in minor or moderate injury.
 -  **IMPORTANT:** Indicates information considered important but not hazard-related (for example, messages related to property damage). Warns the user that failure to follow a procedure exactly as described could result in loss of data or in damage to hardware or software. Also contains essential information to explain a concept or to complete a task.
 -  **NOTE:** Contains additional information to emphasize or supplement important points of the main text.
 -  **TIP:** Provides helpful hints for completing a task.
-

2 Getting started

Read this chapter to learn about safety information and where to find additional HP resources.

Important safety information


A USB Type-C® cable is included with the monitor. If you use another cable, use only the HP-approved USB Type-C cable that is provided with the monitor.

 **WARNING!** To reduce the risk of electric shock or damage to the equipment:


- Plug the HP-approved USB Type-C cable into a USB-C® port that is easily accessible at all times.
- Disconnect power from the monitor by unplugging the HP-approved USB Type-C cable. When unplugging the USB Type-C cable from the USB-C port, grasp the cord by the plug.


For your safety, do not place anything on power cords or cables. Take care to route all cords and cables connected to the monitor so that they cannot be stepped on, pulled, grabbed, or tripped over.

To reduce the risk of serious injury, read the *Safety & Comfort Guide* provided with your user guides. It describes proper workstation setup and proper posture, health, and work habits for computer users. The *Safety & Comfort Guide* also provides important electrical and mechanical safety information. The *Safety & Comfort Guide* is also available on the web at <http://www.hp.com/ergo>.


 **IMPORTANT:** For the protection of the monitor and the computer, connect all power cords for the computer and its peripheral devices (such as a monitor, printer, scanner) to a surge protection device such as a power strip or uninterruptible power supply (UPS). Not all power strips provide surge protection; the power strip must be specifically labeled as having this capability. Use a power strip whose manufacturer offers a damage replacement policy so that you can replace the equipment if surge protection fails.

Use the appropriate and correctly sized furniture designed to properly support your monitor.

 **WARNING!** Monitors that are inappropriately situated on dressers, bookcases, shelves, desks, speakers, chests, or carts could fall over and cause personal injury.

 **WARNING! Stability hazard:** The device might fall, causing serious personal injury or death. To prevent injury, securely attach the monitor to the floor or wall in accordance with the installation instructions.

 **WARNING!** This equipment is not suitable for use in locations where children are likely to be present.

 **NOTE:** This product is suitable for entertainment purposes. Consider placing the monitor in a controlled luminous environment to avoid interference from surrounding light and bright surfaces that might cause disturbing reflections from the screen.

More HP resources

Use this table to locate resources that provide product details, how-to information, and more.

Table 2-1 Additional information

Resource	Contents
Setup Instructions	Overview of monitor setup and features
HP support	For HP support or to resolve a hardware or software problem, perform one of these tasks: <ul style="list-style-type: none">• Go to http://www.hp.com/support, and follow the instructions to find your product.• Select the Search icon in the taskbar, type <code>support</code> in the search box, and then select HP Support Assistant.• Select the question mark icon in the taskbar.



NOTE: Contact customer support to replace any other cables that shipped with your monitor.

Preparing to call technical support

Use this information if you have to troubleshoot an issue.

If you cannot solve a problem using [Support and troubleshooting on page 18](#), a call to technical support can provide additional help. Have the following information available when you call.

- Monitor model number
- Monitor serial number
- Purchase date on invoice
- Conditions under which the problem occurred
- Error messages received
- Hardware configuration
- Name and version of the hardware and firmware that you are using

Getting to know your monitor

Your monitor has top-rated features. This section provides details about your components, where they are located, and how they work.

Features

Your monitor includes the following features:

Display features:

- 35.56 cm (14 in) diagonal viewable screen area with 2560 × 1600 resolution, plus full-screen support for lower resolutions
- In-plane switching (IPS) Neo:LED panel
- True 8-bit
- High contrast ratio 2000:1

- Wide color gamut to provide coverage of Adobe RGB 100% + Display P3 100% color spaces
- Antiglare panel with hard coating
- Tilt adjustment capabilities
- Wide viewing angle to allow viewing from a sitting or standing position, or moving from side to side
- Plug and Play capability, if supported by your operating system
- On-screen display (OSD) adjustments to set the Brightness and Color modes
- Ergonomic monitor setup guide using HP Display Center software during first time use
- HP Eye Ease (certified TÜV Rheinland Low Blue Light Hardware Solution)
- Hard screen cover to protect screen
- Compatible with display software including:
 - HP Display Center
 - HP CMSL (Client Management Script Library)
- Flicker-free technology that eliminates visible screen flicker, and prevents eye strain and fatigue, resulting in a more comfortable viewing experience

Connectors:

- Two USB Type-C ports for power and video inputs. Power delivery up to 65 W
- USB Type-C cable provided

Monitor stand:

- Kickstand for landscape or portrait orientation



NOTE: For safety and regulatory information, see the *Product Notices* at [HP Regulatory, Safety, Compliance, and Warranty Information](#). To access the latest user guide, go to <http://www.hp.com/support>, and follow the instructions to find your product. Then select **Setup & User Guides**.

Side components

Use this illustration and table to identify the components on the side of the monitor.

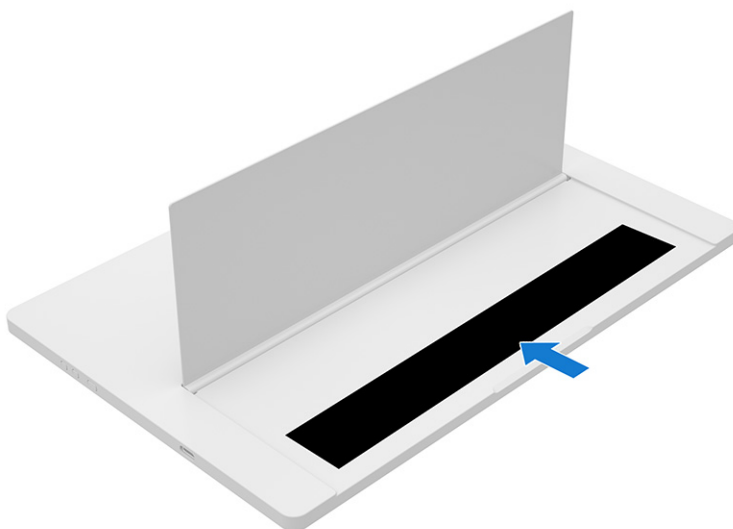


Table 2-2 Side components and their descriptions

Component	Description
(1) Increase brightness button	Increases screen brightness.
(2) Decrease brightness button	Decreases screen brightness.
(3) Power button	Turns the monitor on or off.
(4) USB Type-C connector (left and right side)	Connects a USB Type-C cable to a source device, such as a computer or mobile device.
	NOTE: Supports DP Alternate mode and PD function.
	NOTE: USB data transfer is not supported.




Locating the serial number and product number

Depending on the product, the serial number and product model number are located on a label on the rear of the monitor or on a label under the front bezel of the monitor head. You might need these numbers when you contact HP for support.





Setting up the monitor

This section describes the options for connecting your monitor to a PC, notebook, or similar device.


-
-  **WARNING!** To reduce the risk of serious injury, read the *Safety & Comfort Guide*. It describes proper workstation setup and proper posture, health, and work habits for computer users. The *Safety & Comfort Guide* also provides important electrical and mechanical safety information. The *Safety & Comfort Guide* is available on the web at <http://www.hp.com/ergo>.
 -  **IMPORTANT:** To prevent damage to the monitor, do not touch the surface of the LCD panel. Pressure on the panel can cause nonuniformity of color or disorientation of the liquid crystals. If this occurs, the screen will not recover to its normal condition.
 -  **IMPORTANT:** To prevent the screen from getting scratched, defaced, or broken and to prevent damage to the control buttons, position the monitor facedown on a flat surface covered with protective sheet foam or a nonabrasive cloth.
-

Preparing to use the monitor

Correctly unpackaging your monitor and setting up your monitor stand is critical to safe use. This section describes how to safely set up your monitor.

-
-  **TIP:** Consider the placement of the monitor, because surrounding light and bright surfaces might cause interfering reflections.
 -  **WARNING!** To reduce the risk of serious injury, read the *Safety & Comfort Guide*. It describes proper workstation setup and proper posture, health, and work habits for computer users. The *Safety & Comfort Guide* also provides important electrical and mechanical safety information. The *Safety & Comfort Guide* is also available on the web at <http://www.hp.com/ergo>.
-

1. Place the monitor on a smooth, flat surface.
2. Remove the hard screen cover from the monitor.

-
-  **IMPORTANT:** Do not touch the surface of the LCD panel. Pressure on the panel might cause permanent non-uniformity of color or disorientation of the liquid crystals.
-



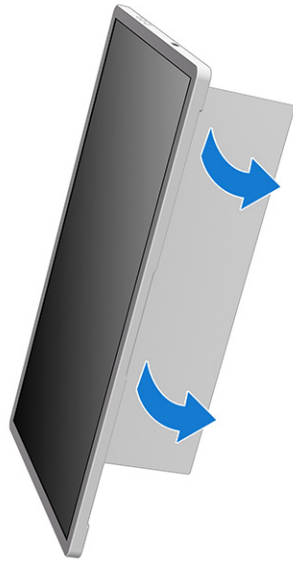
3. Adjust the monitor angle to a comfortable eye level.



Switching to portrait mode


Correctly unpackaging your monitor and setting up your monitor stand is critical to safe use. This section describes how to safely switch your monitor to portrait mode.

To switch the monitor to portrait mode, make sure to extend the kickstand to its maximum angle.



Connect the USB Type-C cable to the connector on the top side of the monitor.




 **NOTE:** Use the operating system display settings or HP Display Center to rotate the screen from landscape to portrait.

Connecting the cables

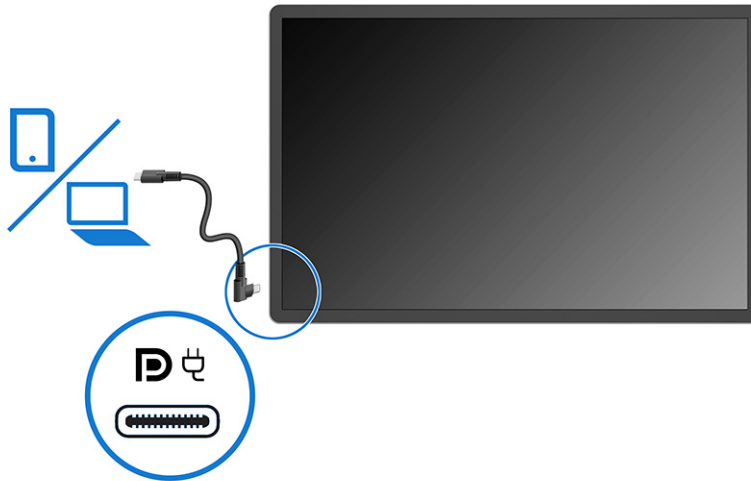
In addition to details about how to connect a cable, this section contains information about how your monitor functions when you connect certain cables.


1. Place the monitor in a convenient, well-ventilated location.


2. Connect the monitor to a computer or mobile device by connecting the L-shaped end of the USB Type-C cable to the USB Type-C port on the monitor and the other end to the USB Type-C port on the computer or mobile device.

 **NOTE:** Use only the HP-approved USB Type-C cable provided with the monitor. The cable features an L-shaped connector that is compatible with the monitor. Be sure that the L-shaped end of the cable is connected to the monitor.

The monitor features two USB Type-C ports that support power delivery and video input. These ports are compatible with DisplayPort™ Alternate Mode (Alt Mode) and HDCP 1.4.




 **NOTE:** When a connected computer or mobile device enters sleep mode or is turned off, the monitor enters Auto-Sleep mode.

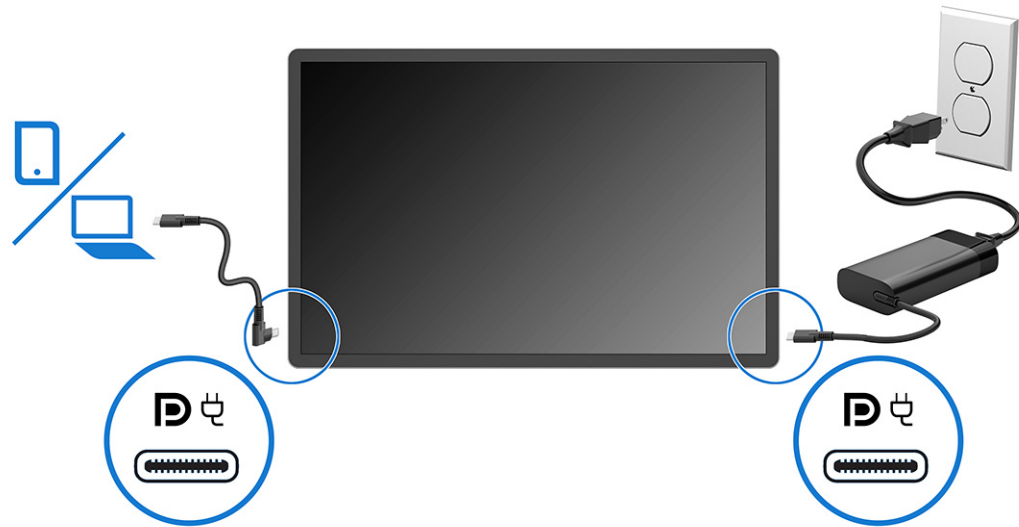
 **NOTE:** Be sure that the connected devices can support video signals and minimum power delivery of 4.5 W (5 V/0.9 A).


 **NOTE:** It is recommended to connect the power adapter when connecting to a mobile phone.

3. Charge the computer or mobile device when connected to AC power.
 - a. Connect the L-shaped end of the USB Type-C cable to the USB Type-C port on the monitor and the other end to the USB Type-C port on the computer or mobile phone.

 **NOTE:** Use only the HP-approved USB Type-C cable provided with the monitor. The L-shaped connector should only be connected to the monitor side.

- b. Connect one end of the power cord to the AC adapter and the other end to a grounded AC outlet. Then connect the AC adapter to the USB Type-C port on the monitor.



 **NOTE:** When connected to AC power, the monitor can charge connected devices when turned off or in Auto-Sleep mode.


The monitor requires minimum 4.5 W (5 V/0.9A) to power on. The recommended maximum input power is 90 W. The monitor supports power delivery inputs of 5 V, 9 V, 10 V, 12 V, 15 V, and 20 V.

When connecting to an adapter, the monitor supports power delivery output up to maximum 65 W via power pass-through. The monitor supports power delivery outputs of 5 V, 9 V, 12 V, 15 V, and 20 V.

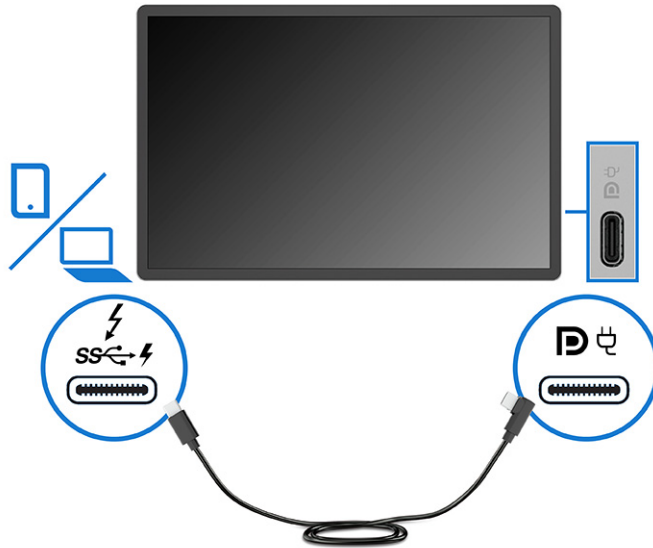
- When connecting to a 30 W or lower adapter, a maximum of 20 W power delivery is supported.
- When connecting to a 45 W adapter, a maximum of 35 W power delivery is supported.
- When connecting to a 65 W adapter, a maximum of 55 W power delivery is supported.
- When connecting to a 90 W or higher adapter, a maximum of 65 W power delivery is supported.
- The connected mobile device must support USB Type-C DP Alt mode, including USB Type-C PD 2.0 output or above.
- HP recommends a 65 W or greater USB Type-C AC adapter to charge computers or 18 W or greater USB Type-C AC adapter to charge mobile devices.

Connecting to a single host

Use one of the following scenarios to connect the monitor to a single host.


 **NOTE:** Be sure the connected devices can support video signals and power delivery of a minimum 4.5 W (5 V/0.9 A).

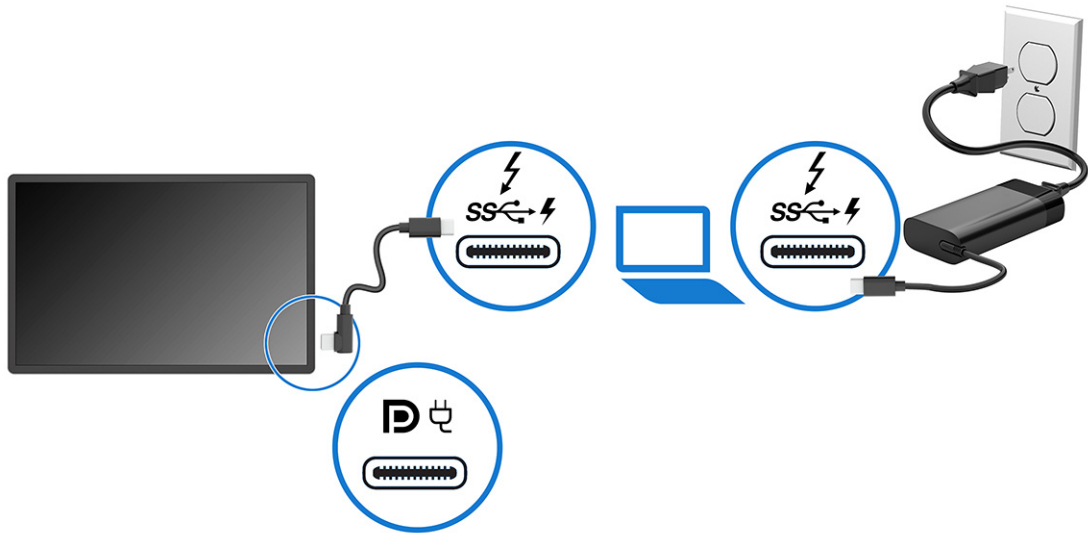
- Connect a single source device to one of the USB Type-C ports of the monitor.



- Connect the L-shaped end of the USB Type-C cable to the USB Type-C port on the monitor and the other end to a computer that is connected to AC power.

 **NOTE:** HP recommends a 65 W or greater USB Type-C AC adapter to charge computers, or an 18 W or greater USB Type-C AC adapter to charge mobile devices.


 **NOTE:** The monitor delivers up to 65 W of power. If the laptop requires more than 65 W, you must use a more powerful adapter or the laptop battery level will continue to decrease during use.




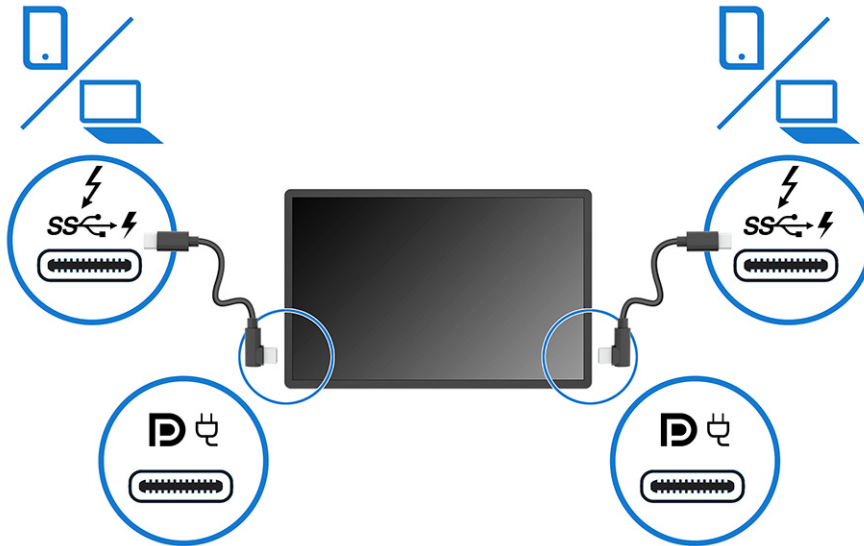
Connecting dual hosts

Use one of the following scenarios to connect the monitor to dual hosts.


- Connect the monitor to dual source devices.


 **NOTE:** The active video source defaults to the second connected host. You can manually select the video source using HP Display Center.

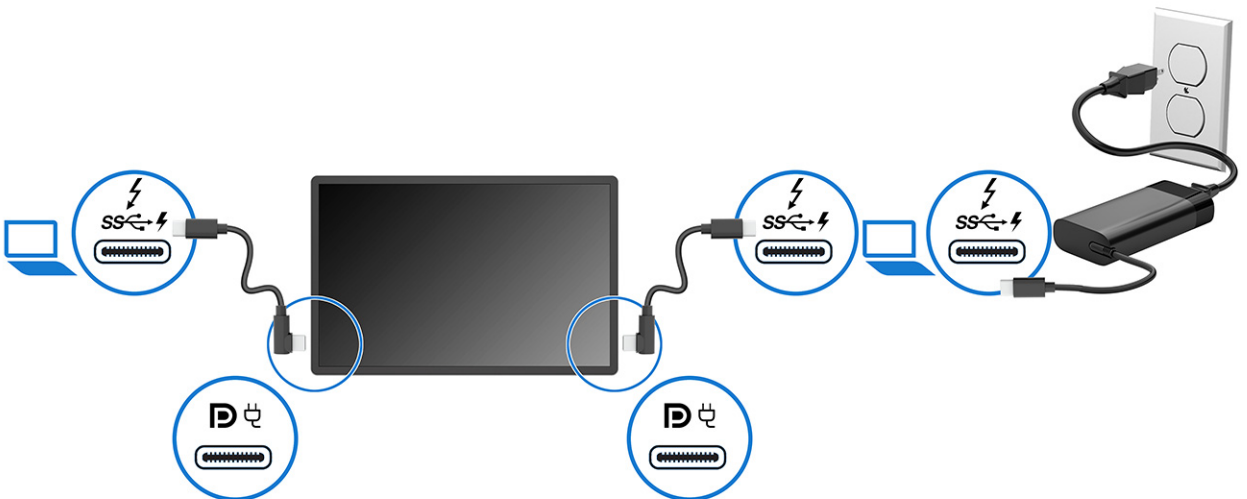
 **NOTE:** The product includes only one USB Type-C cable.



- Connect the monitor to dual source devices that are powered by AC power.

 **NOTE:** The active video source defaults to the second connected host. You can manually select the video source using HP Display Center.

 **NOTE:** The product includes only one USB Type-C cable.



Turning on the monitor

This section provides important information about preventing damage to your monitor, startup indicators, and troubleshooting information.

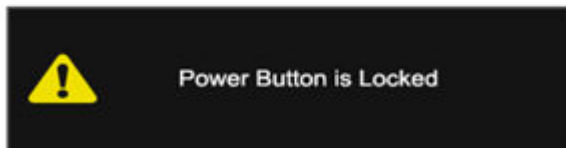
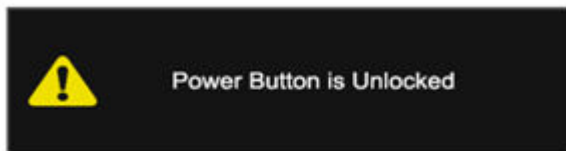
IMPORTANT: Burn-in image damage might occur on monitors that display the same static image on the screen for 12 or more hours. To avoid burn-in image damage, you should always activate a screen saver application or turn off the monitor when it will not be in use for a prolonged period of time. Image retention is a condition that might occur on all LCD screens. Burn-in damage on the monitor is not covered under the HP warranty.

Press the power button on the monitor to turn it on.



NOTE: If pressing the power button has no effect, the Power Button Lockout feature might be enabled. To disable this feature, press and hold the monitor power button for 10 seconds.

Ensure that the "Power Button is Unlocked" message displays after holding the power button for 10 seconds. If you continue to see the "Power Button is Locked" message, continue holding the power button for an additional 10 seconds.



The OSD menu supports English only.

When you first turn on your monitor, a monitor status message is displayed for five seconds. The message shows which input is the current active signal, the current color setting, the status of the

auto-switch source setting (On or Off; default setting is On), the current preset display resolution, and the recommended preset display resolution.

The monitor automatically scans the signal inputs for an active input and uses that input for the display.

HP watermark and image retention policy

Some monitors are designed with In-Plane Switching (IPS) display technology, which provides ultrawide viewing angles and advanced image quality. Though suitable for many applications, this panel technology is not suitable for static, stationary, or fixed images for long periods of time, unless you use screen savers.

Applications with static images can include camera surveillance, video games, marketing logos, and templates. Static images can cause image retention damage that could look like stains or watermarks on the monitor's screen.

Image retention damage on monitors that are in use 24 hours per day is not covered under the HP warranty. To avoid image retention damage, always turn off the monitor when it is not in use, or use the power management setting, if supported on your computer, to turn off the monitor when the computer is idle.

Connecting an HP notebook or desktop

You can attach a computer, notebook, or similar device to the monitor with a single USB Type-C connection. The USB Type-C port provides video and power delivery when you connect the device.



NOTE: The host computer must be able to support DisplayPort Alt Mode (video, charging, and USB) over the USB Type-C connector and must also be compatible with USB Type-C ports.

To connect a computer, connect one end of a USB Type-C cable to the USB Type-C port on the side of the monitor and the other end to the USB Type-C port on the computer. This USB Type-C cable provides single-cable connectivity for audio and video, and power delivery.

3 Using the monitor

This chapter describes how to use your monitor and its features, including software and utilities, the OSD menu, and the function buttons.

Downloading HP Display Center

You can download and install the HP Display Center software from the Microsoft store or from HP Customer Support.

You can use HP Display Center (HPDC) to adjust your HP monitor to suit your preferences and update firmware for the monitor. You can also customize the viewing features, the video input source, and the power setting. You can also use HP Display Center to leverage custom settings from one monitor to another identical monitor.



NOTE: HP Display Center is available only for PCs. It is not supported on mobile devices.

Download HP Display Center from Microsoft store:

1. Select the Microsoft Store app on your desktop or type `Microsoft Store` in the taskbar search box.
2. Type `HP Display Center` in the **Microsoft Store** search box.
3. Follow the on-screen instructions.

Download HP Display Center for macOS®:

1. Go to [HP Customer Support](#) and search for the monitor.
2. Select **Software and Drivers**.
3. Select **Choose a different OS**, and then select **macOS + version**.
4. Select **Software Solutions**, and then select **Download**.

The tool downloads to the selected location.

Downloading software and utilities

You can download and install the INF (Information) file from HP Support.

To download the file:

1. Go to <http://www.hp.com/support>.
2. Select **Software and Drivers**.
3. Select your product type.
4. Enter your HP monitor model in the search field and follow the on-screen instructions. The .INF file is included in the SoftPaq.

The Information (INF) file

The INF file defines monitor resources used by Windows® operating systems to ensure monitor compatibility with the computer's graphics adapter.

This monitor is Plug and Play compatible, and the monitor will work correctly without installing the INF file. Monitor Plug and Play compatibility requires that the computer's graphics card is VESA® DDC2 compliant and that the monitor connects directly to the graphics card. Plug and Play does not work through separate BNC-type connectors or through distribution buffers, boxes, or both.

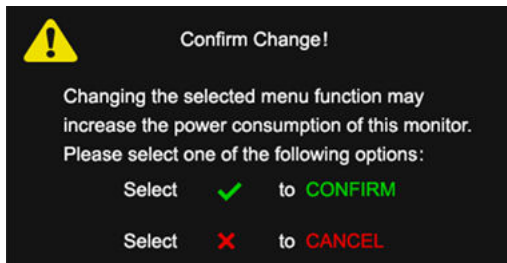
Display mode status


When you turn on the monitor, the status message shows the display mode. The display mode is also displayed when you change the video input.

Using the OSD menu

You can adjust your HP monitor to a comfortable brightness level. Use the procedure to access the brightness menu and adjust the brightness.

The first time you increase the brightness value, a message box displays to inform you that power consumption will increase. Press the increase brightness button to confirm the change, or press the decrease brightness button to cancel it.



 **NOTE:** The OSD menu is displayed in English only.

1. Press the brightness adjustment button to open the brightness menu.
2. Press the increase or decrease brightness buttons to adjust the brightness.

Choosing a color mode

You can use the buttons on the side of the monitor to choose different color modes.

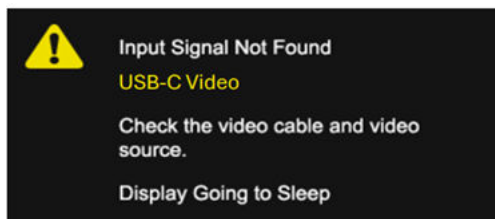
1. Turn on the monitor.
2. Press and hold the increase brightness button on the right side of the monitor for two seconds. The color mode menu displays. For more information, see [Side components on page 4](#).
3. Press the increase brightness button to select a mode, and then press the decrease brightness button on the right side of the monitor to confirm the selection.


Using Auto-Sleep Mode

Your monitor has an energy-saving feature called Auto-Sleep Mode, which is a reduced power state. This section describes how to activate or adjust Auto-Sleep Mode on your monitor.

When Auto-Sleep Mode is enabled, which it is by default, the monitor enters a reduced power state when the computer signals low-power mode, which it does by the absence of either a horizontal or vertical sync signal.

Upon entering this reduced power state (Auto-Sleep mode) the monitor displays a message that it is entering sleep mode. Then the monitor screen is blanked and the backlight turns off. The monitor draws less than 0.5 W of power when in this reduced power state. The monitor wakes from Auto-Sleep mode when the computer sends an active signal to the monitor, for example, when you activate the mouse or keyboard.



 **NOTE:** The OSD menu supports English only.

To disable Auto-Sleep Mode in HP Display Center:

1. Open HP Display Center.
2. Select **Advanced**.
3. Set **Auto-Sleep** to **Off**.

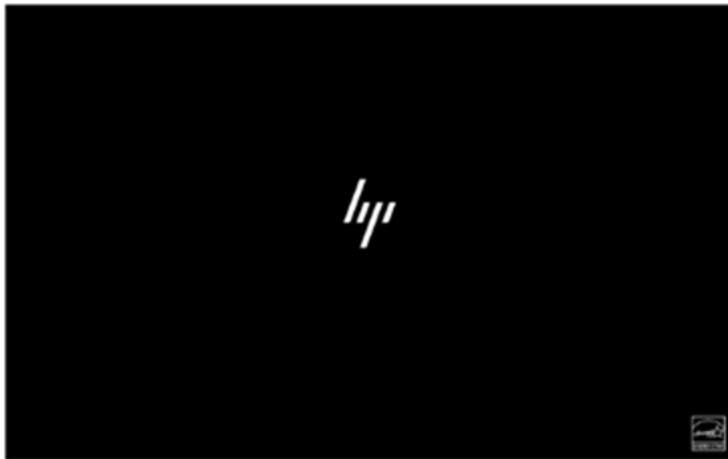
4 Support and troubleshooting

If your monitor is not working as expected, you might be able to resolve the issue by following the instructions in this section.


Using the self-test function

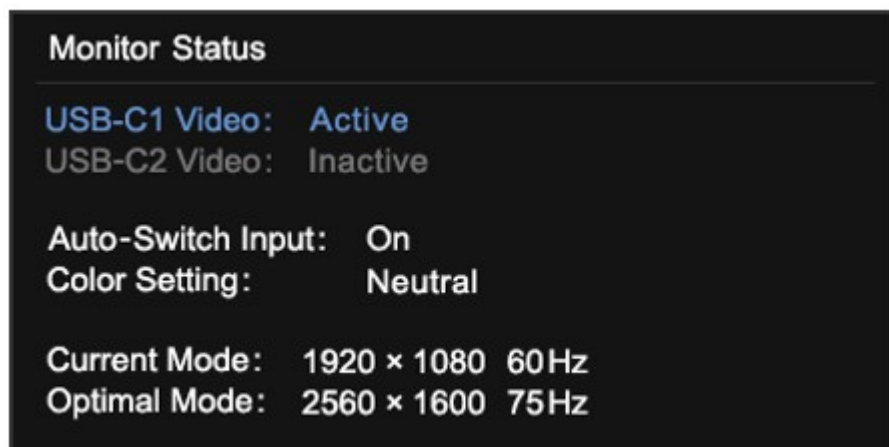
To help verify the correct operation of this monitor, a series of startup images and messages is displayed. These images and messages function as a self-test. Use the following procedure to start the self-test.

1. Turn off the monitor and disconnect all of the cables.
2. Turn on the monitor. An image similar to the one shown here is displayed.



A monitor status message is displayed next.

 **NOTE:** The OSD menu supports English only.



The power-on image and monitor status message indicate that the monitor is working as expected and is looking for a valid video signal.

3. Connect a video source to the monitor and repeat steps 1 and 2. If no external video signal is detected, check the video connection to the host computer.

Solving common issues

The following table lists possible issues, the possible cause of each issue, and the recommended solutions.



NOTE: Always ensure that the BIOS, device firmware, and monitor firmware are updated to the latest version.

Table 4-1 Common issues and solutions

Issues	Possible cause	Solution
Screen is blank or video is blinking.	USB Type-C cable is disconnected.	Connect the USB Type-C cable that is approved by HP and supports USB Alt-mode DP 1.2 and power delivery.
	Monitor is off.	Press the monitor power button. NOTE: If pressing the power button has no effect, press and hold the power button for 10 seconds to disable the Power Button Lockout feature.
	Video cable is improperly connected.	Connect the video cable properly. For more information, see Connecting the cables on page 8 .
	System is in Auto-Sleep Mode.	Press any key on the keyboard or move the mouse to inactivate the screen blanking utility.
	Video card is incompatible.	Perform one of the following actions: <ul style="list-style-type: none"> • Select the input from HP Display Center. Set Auto-Switch Input to Off, and then manually select the input. • Replace the video card or connect the video cable to one of the computer's on-board video sources.
Image appears blurred, indistinct, or too dark.	Brightness setting is too low.	Adjust the brightness by pressing the increase or decrease brightness buttons or modify the brightness value through HP Display Center.
"Check Video Cable" is displayed on the screen.	Monitor video cable is disconnected.	Connect the appropriate video signal cable between the computer and monitor. Be sure that the computer power is off while connecting the video cable.
"Input Signal Out of Range" is displayed on screen.	Video resolution rate, refresh rate, or both, are set higher than the monitor supports.	Change the settings to a supported setting. See Preset display resolutions on page 23 .
The monitor does not enter into a low-power sleep state.	The monitor's power saving control is disabled.	Open the HP Display Center menu, select Advanced and then set Auto-Sleep to On .
"Power Button Lockout" is displayed.	The monitor's power button lockout feature is enabled.	Press and hold the Power button for 10 seconds to unlock the power button function.
Monitor has trouble waking from sleep mode		Open the HP Display Center menu, select Input and then set DisplayPort Hot Plug Detection to On .

5 Maintaining the monitor

Properly maintained, your monitor can run for many years. These instructions provide steps you can perform to keep your monitor in the best condition.

Maintenance guidelines

Follow these instructions to enhance the performance and extend the life of the monitor.

- Do not open the monitor cabinet or attempt to service this product yourself. Adjust only those controls that are covered in the operating instructions. If the monitor is not operating properly or has been dropped or damaged, contact an authorized HP dealer, reseller, or service provider.
- Use only a power source and connection appropriate for this monitor, as indicated on the label or back plate of the monitor.
- Be sure that the total ampere rating of the products connected to the outlet does not exceed the current rating of the AC outlet and that the total ampere rating of the products connected to the cord does not exceed the rating of the cord. Look on the power label to determine the ampere rating (AMPS or A) for each device.
- Install the monitor near an outlet that you can easily reach. Disconnect the monitor by grasping the plug firmly and pulling it from the outlet. Never disconnect the monitor by pulling the cord.
- Turn the monitor off when it is not in use, and use a screen saver program. Doing this can substantially increase the life expectancy of the monitor.



NOTE: A burned-in image on the monitor is not covered under the HP warranty.

- Never block the slots and openings of the cabinet or push objects into them. These openings provide ventilation.
- Do not drop the monitor or place it on an unstable surface.
- Keep the monitor in a well-ventilated area, away from excessive light, heat, or moisture.


Cleaning the monitor


Use these instructions to clean your monitor when necessary.

1. Turn off the monitor and unplug the cable.
2. Disconnect any external devices.
3. Dust the monitor by wiping the screen and the cabinet with a soft, clean antistatic cloth.

⚠ CAUTION: Never spray cleaner directly onto the screen. It can run behind the bezel and damage the electronics. Water dripping into the ventilation openings or other points of entry can cause

damage to the monitor. Protect your monitor by always consulting your user guide for cleaning procedures, or go to <http://www.hp.com/support> and search for How to Clean Your Computer.

 **IMPORTANT:** Do not use cleaners that contain petroleum-based materials such as benzene, thinner, or any volatile substance to clean the monitor screen or cabinet. These chemicals might damage the monitor.

 **IMPORTANT:** Spray the cleaner onto a cloth and use the damp cloth to gently wipe the screen surface. The cloth should be moist, but not wet. Allow the monitor to air-dry before use.

4. After you remove the dirt and debris, you can also clean the surfaces with a disinfectant. The World Health Organization (WHO) recommends cleaning surfaces, followed by disinfection, as a best practice for preventing the spread of viral respiratory illnesses and harmful bacteria. A disinfectant that is within HP's cleaning guidelines is an alcohol solution consisting of 70% isopropyl alcohol and 30% water. This solution is also known as rubbing alcohol and is sold in most stores.


Shipping the monitor

Keep the original packing box in a storage area. You might need it later if you ship the monitor or move.

A Technical specifications

This section contains technical specifications for the physical aspects of your monitor, such as the weight and viewing dimensions, as well as required environmental operating conditions and power source ranges.

All specifications represent the typical specifications provided by HP component manufacturers; actual performance can vary either higher or lower.

 **NOTE:** For the latest specifications or additional specifications for this product, go to <http://www.hp.com/go/quickspecs/> and search for your specific monitor model to find the model-specific QuickSpecs.

36.5 cm (14.36 in) model specifications

This section provides specifications for your monitor.

Table A-1 Technical specifications

Specification	Measurement	
	metric	U.S.
Display, wide-screen	36.5 cm	14.36 in
Type	IPS	
Viewable image size	35.56 cm diagonal	14.0 in diagonal
Maximum weight (unpacked)	630 g	1.40 lbs
Dimensions (include base)		
Height	32.06 cm	12.62 in
Width	20.86 cm	8.21 in
Depth	0.88 cm	0.35 in
Tilt	+18.8° to 46.2°	
Environmental requirements temperature		
Operating temperature	5°C to 35°C	41°F to 95°F
Storage temperature	-40°C to 65°C	-40°F to 149°F
Relative humidity	20% to 80% (noncondensing)	
Power source	5 V/9 V, 10 V/12 V/15 V, 20 V DC 4.5A max	
USB Type-C PD function	5 V/9 V/12 V/15 V DC 3A max or 20 V DC 3.25A max	
Input terminal	Two USB Type-C connectors. Supports DP Alt mode and HDCP 1.4.	

Preset display resolutions

The following display resolutions are the most commonly used modes and are set as factory defaults. The monitor automatically recognizes these preset modes, and they will appear properly sized and centered on the screen.

36.5 cm (14.36 in) model

This section provides preset display resolutions.



NOTE: When the resolution is set to 1600 × 900, the overdrive function will be locked at Level 1 in the HP Display Center software.

Table A-2 Preset display resolutions

Preset	Pixel Formant	Horz Freq (kHz)	Vert Freq (Hz)
1	640 × 480	31.469	59.94
2	640 × 480	37.5	75
3	720 × 400	31.469	70.087
4	800 × 600	37.879	60.317
5	800 × 600	46.875	75
6	1024 × 768	48.363	60.004
7	1024 × 768	60.203	75.03
8	1280 × 720	45	60
9	1280 × 1024	63.981	60.02
10	1280 × 1024	79.976	75.025
11	1440 × 900	55.935	59.887
12	1600 × 900*	60	60
13	1600 × 1200	75	60
14	1680 × 1050	65.29	59.954
15	1920 × 1080	67.5	60
16	1920 × 1200	74.556	59.89
17	2560 × 1600	98.713	59.972
18	2560 × 1600	124.265	74.949

Energy saver feature

This monitor supports a reduced power state.

The reduced power state is initiated if the monitor detects the absence of either the horizontal sync signal or the vertical sync signal. Upon detecting the absence of these signals, the monitor screen is blank and the backlight is turned off. In the reduced power state, the monitor uses < 0.5 W of power. There is a brief warm-up period before the monitor returns to its normal operating state.

See the computer manual for instructions on setting the energy saver mode (sometimes called “power management feature”).



NOTE: This power saver feature works only when the monitor is connected to a computer that has energy-saver features.

B Accessibility

HP's goal is to design, produce, and market products, services, and information that everyone everywhere can use, either on a standalone basis or with appropriate third-party assistive technology (AT) devices or applications.

HP and accessibility

Because HP works to weave diversity, inclusion, and work/life into the fabric of the company, it is reflected in everything HP does. HP strives to create an inclusive environment focused on connecting people to the power of technology throughout the world.

Finding the technology tools you need

Technology can unleash your human potential. Assistive technology removes barriers and helps you create independence at home, at work, and in the community. Assistive technology helps increase, maintain, and improve the functional capabilities of electronic and information technology.

For more information, see [Finding the best assistive technology on page 26](#).

The HP commitment

HP is committed to providing products and services that are accessible for people with disabilities. This commitment supports the company's diversity objectives and helps ensure that the benefits of technology are available to all.

The HP accessibility goal is to design, produce, and market products and services that can be effectively used by everyone, including people with disabilities, either on a standalone basis or with appropriate assistive devices.

To achieve that goal, this Accessibility Policy establishes seven key objectives to guide HP actions. All HP managers and employees are expected to support these objectives and their implementation in accordance with their roles and responsibilities:

- Raise the level of awareness of accessibility issues within HP, and provide employees with the training they need to design, produce, market, and deliver accessible products and services.
- Develop accessibility guidelines for products and services, and hold product development groups accountable for implementing these guidelines where competitively, technically, and economically feasible.
- Involve people with disabilities in the development of accessibility guidelines and in the design and testing of products and services.
- Document accessibility features, and make information about HP products and services publicly available in an accessible form.
- Establish relationships with leading assistive technology and solution providers.
- Support internal and external research and development that improves assistive technology relevant to HP products and services.

- Support and contribute to industry standards and guidelines for accessibility.

International Association of Accessibility Professionals (IAAP)

IAAP is a not-for-profit association focused on advancing the accessibility profession through networking, education, and certification. The objective is to help accessibility professionals develop and advance their careers and to better enable organizations to integrate accessibility into their products and infrastructure.

As a founding member, HP joined to participate with other organizations to advance the field of accessibility. This commitment supports HP's accessibility goal of designing, producing, and marketing products and services that people with disabilities can effectively use.

IAAP will make the profession strong by globally connecting individuals, students, and organizations to learn from one another. If you are interested in learning more, go to <http://www.accessibilityassociation.org> to join the online community, sign up for newsletters, and learn about membership options.

Finding the best assistive technology

Everyone, including people with disabilities or age-related limitations, should be able to communicate, express themselves, and connect with the world using technology. HP is committed to increasing accessibility awareness within HP and with our customers and partners.

Whether it's large fonts that are easy on the eyes, voice recognition that lets you give your hands a rest, or any other assistive technology (AT) to help with your specific situation—a variety of assistive technologies make HP products easier to use. How do you choose?

Assessing your needs

Technology can unleash your potential. AT removes barriers and helps you create independence at home, at work, and in the community. AT helps increase, maintain, and improve the functional capabilities of electronic and information technology.

You can choose from many AT products. Your AT assessment should allow you to evaluate several products, answer your questions, and facilitate your selection of the best solution for your situation. You will find that professionals qualified to do AT assessments come from many fields, including those licensed or certified in physical therapy, occupational therapy, speech/language pathology, and other areas of expertise. Others, while not certified or licensed, can also provide evaluation information. You will want to ask about the individual's experience, expertise, and fees to determine if they are appropriate for your needs.

Accessibility for HP products

These links provide information about accessibility features and AT, if applicable and available in your country or region, that are included in various HP products. These resources will help you select the specific assistive technology features and products most appropriate for your situation.

- HP Aging & Accessibility: Go to <http://www.hp.com>, type **Accessibility** in the search box. Select **Office of Aging and Accessibility**.
- HP computers: For Windows products, go to <http://www.hp.com/support>, type **Windows Accessibility Options** in the **Search our knowledge library** search box. Select the appropriate operating system in the results.
- HP Shopping, peripherals for HP products: Go to <http://store.hp.com>, select **Shop**, and then select **Monitors** or **Accessories**.

If you need additional support with the accessibility features on your HP product, see [Contacting support on page 29](#).

Additional links to external partners and suppliers that may provide additional assistance:

- [Microsoft Accessibility information \(Windows and Microsoft Office\)](#)
- [Google Products accessibility information \(Android, Chrome, Google Apps\)](#)

Standards and legislation

Countries worldwide are enacting regulations to improve access to products and services for persons with disabilities. These regulations are historically applicable to telecommunications products and services, PCs and printers with certain communications and video playback features, their associated user documentation, and their customer support.

Standards

The US Access Board created Section 508 of the Federal Acquisition Regulation (FAR) standards to address access to information and communication technology (ICT) for people with physical, sensory, or cognitive disabilities.

The standards contain technical criteria specific to various types of technologies, as well as performance-based requirements which focus on functional capabilities of covered products. Specific criteria cover software applications and operating systems, web-based information and applications, computers, telecommunications products, video and multimedia, and self-contained closed products.

Mandate 376 – EN 301 549

The European Union created the EN 301 549 standard within Mandate 376 as an online toolkit for public procurement of ICT products. The standard specifies the accessibility requirements applicable to ICT products and services, with a description of the test procedures and evaluation methodology for each requirement.

Web Content Accessibility Guidelines (WCAG)

Web Content Accessibility Guidelines (WCAG) from the W3C's Web Accessibility Initiative (WAI) helps web designers and developers create sites that better meet the needs of people with disabilities or age-related limitations.

WCAG advances accessibility across the full range of web content (text, images, audio, and video) and web applications. WCAG can be precisely tested, is easy to understand and use, and allows web developers flexibility for innovation. WCAG 2.0 has also been approved as [ISO/IEC 40500:2012](#).

WCAG specifically addresses barriers to accessing the web experienced by people with visual, auditory, physical, cognitive, and neurological disabilities, and by older web users with accessibility needs. WCAG 2.0 provides characteristics of accessible content:

- **Perceivable** (for instance, by addressing text alternatives for images, captions for audio, adaptability of presentation, and color contrast)
- **Operable** (by addressing keyboard access, color contrast, timing of input, seizure avoidance, and navigability)
- **Understandable** (by addressing readability, predictability, and input assistance)
- **Robust** (for instance, by addressing compatibility with assistive technologies)

Legislation and regulations

Accessibility of IT and information has become an area of increasing legislative importance.

The [HP policy landscape](#) website provides information about key legislation, regulations, and standards in the following locations:

- United States
- Canada
- Europe
- Australia

Useful accessibility resources and links

These organizations, institutions, and resources might be good sources of information about disabilities and age-related limitations.



NOTE: This is not an exhaustive list. These organizations are provided for informational purposes only. HP assumes no responsibility for information or contacts you encounter on the internet. Listing on this page does not imply endorsement by HP.

Organizations

These organizations are a few of the many that provide information about disabilities and age-related limitations.

- American Association of People with Disabilities (AAPD)
- The Association of Assistive Technology Act Programs (ATAP)
- Hearing Loss Association of America (HLAA)
- Information Technology Technical Assistance and Training Center (ITTATC)
- Lighthouse International
- National Association of the Deaf
- National Federation of the Blind
- Rehabilitation Engineering & Assistive Technology Society of North America (RESNA)
- Telecommunications for the Deaf and Hard of Hearing, Inc. (TDI)
- W3C Web Accessibility Initiative (WAI)

Educational institutions

Many educational institutions, including these examples, provide information about disabilities and age-related limitations.

- California State University, Northridge, Center on Disabilities (CSUN)
- University of Wisconsin - Madison, Trace Center

- University of Minnesota computer accommodations program

Other disability resources

Many resources, including these examples, provide information about disabilities and age-related limitations.

- ADA (Americans with Disabilities Act) Technical Assistance Program
- ILO Global Business and Disability network
- EnableMart
- European Disability Forum
- Job Accommodation Network
- Microsoft Enable

HP links

These HP-specific links provide information that relates to disabilities and age-related limitations.

[HP comfort and safety guide](#)

[HP public sector sales](#)

Contacting support

HP offers technical support and assistance with accessibility options for customers with disabilities.



NOTE: Support is in English only.

- Customers who are deaf or hard of hearing who have questions about technical support or accessibility of HP products:
 - Use TRS/VRS/WebCapTel to call (877) 656-7058 Monday through Friday, 6 a.m. to 9 p.m. Mountain Time.
- Customers with other disabilities or age-related limitations who have questions about technical support or accessibility of HP products:
 - Call (888) 259-5707 Monday through Friday, 6 a.m. to 9 p.m. Mountain Time.

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