

**SAMSUNG**

# **T A B L E T**

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## **User Manual**

Please read this manual before operating your device and keep it for future reference.

**Galaxy Tab E**

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# Special Features

Learn about your mobile device's special features.

## Multi Window

Multitask by using two applications at the same time.

For more information, see [“Multi Window” on page 22.](#)

## Expandable Memory

You can also install an optional microSD™ memory card (not included) to add more memory space to your device.

For more information, see [“Install an Optional Memory Card” on page 6.](#)

## Kids Mode

Create a child-friendly environment on your device.

For more information, see [“Kids Mode” on page 69.](#)

## Users

Share this tablet with multiple people by creating User accounts.

For more information, see [“Users” on page 135.](#)

## Media Volume Limiter

Limit the maximum output of the device's volume. You can also set a PIN to prevent unauthorized users from changing this setting.

For more information, see [“Media Volume Limiter” on page 101.](#)



# Getting Started

Learn about your mobile device hardware, assembly procedures, and how to get started using your new device.

# Set Up Your Device

Learn how to set up your device for the first time.

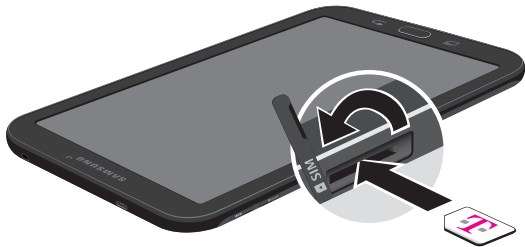
# Assemble Your Device

Install a SIM card and optional memory card (not included), and charge your device before using.

## Install the SIM Card

When you subscribe to a cellular network, you are provided with a SIM card. You may be able to use your previous SIM card. Contact your service provider for more details.

**Warning:** Small components such as SIM cards can pose a choking risk. Please be careful when handling these cards to avoid damaging them.



1. With the tablet's screen facing up, locate and open the SIM card slot cover.
2. Carefully slide the SIM card into the SIM card slot (as shown) until it clicks into place.
3. Close the SIM card slot cover.

## Install an Optional Memory Card

You can also install an optional microSD™ memory card (not included) to add more memory space to your device. A memory card can be installed at any time. It is not necessary to install it prior to using the device.

**Warning:** Small components such as memory cards can pose a choking risk. Please be careful when handling these cards to avoid damaging them.



1. With the tablet's screen facing up, locate and open the memory card slot cover and turn to expose the slot.
2. Carefully slide the memory card into the memory card slot (as shown), until it clicks into place.
3. Close the memory card slot cover.

## Charge the Battery

Your device is powered by a rechargeable Li-Ion battery. A USB charger (charging head and USB cable) is included with the device for charging the battery from any standard outlet.

The battery comes partially charged. You can use the device while charging.



1. Insert the USB cable into the USB charger/  
Accessory port.

**Caution:** Use only charging devices that are approved by Samsung. Samsung accessories are designed for your device to maximize battery life. Using other accessories may void your warranty and may cause damage.

2. Connect the USB cable to the charging head, and then plug the charging head into a standard outlet.

3. Unplug the charging head from the outlet and remove the USB cable from the device when charging is complete.

While charging, the device and the charger may become hot. This does not affect the device's lifespan or performance and is in the device's normal range of operation.

The charger may stop charging if the battery becomes too hot.

If the device heats up while charging the battery:

1. Disconnect the charger from the device and close any running apps.
2. Wait for the device to cool down, and then begin charging the device again.
  - If the lower part of the device overheats, check for damage to the connected USB cable. Replace the damaged USB cable with a new Samsung-approved cable.

# Start Using Your Device

## Turn Your Device On or Off

The instructions below explain how to turn your device on or off.

To turn the device on:

- ▶ Press and hold the **Power** key until the device turns on.

To turn the device off:

1. Press and hold the **Power** key.
2. Tap **Power off**, and confirm if prompted.

## Use the Setup Wizard

The first time you turn your device on, the Setup Wizard guides you through the basics of setting up your device.

Follow the prompts to choose a default language, connect to a Wi-Fi® network, set up accounts, choose location services, learn about your device's features, and more.

## Lock or Unlock Your Device

Use your device's screen lock features to secure your device. By default, the device locks automatically when the screen times out.

To lock the device:

- ▶ Press the **Power** key.



The default Screen lock on your device is Swipe. To choose a secure screen lock, see [“Set a Secure Screen Lock” on page 124.](#)

To unlock the device:

- Press the **Power** key or **Home** key, and then drag your finger across the screen.

## Add a Google Account



Your new device uses your Google™ Account to fully utilize its Android™ features.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Cloud and accounts** > **Accounts**.
3. Tap  **Add account** > **Google**.

**Note:** When you sign in to a Google Account, Factory Reset Protection (FRP) is activated. FRP requires your Google Account information when resetting to factory settings. For more information, see [“Factory Data Reset” on page 121.](#)



## Add Samsung Account

Create a Samsung account for access to Samsung content and apps on your device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Cloud and accounts** > **Accounts**.
3. Tap  **Add account** > **Samsung account**.

## Add an Email Account

View and manage all of your email accounts.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Cloud and accounts** > **Accounts**.
3. Tap  **Add account** > **Email**.

# Learn About Your Device

Learn some of the key features of your mobile device, including the screens and icons, as well as how to navigate the device and enter text using the keyboard.



# Front View

USB charger/Accessory port

Headset jack



Recent apps

Home key

Back

Devices and software are constantly evolving — the illustrations you see here are for reference only.

# Back View



Devices and software are constantly evolving — the illustrations you see here are for reference only.

- **Power key**

- Press to turn the screen on or off.
- Press and hold to select a power control option.

- **Volume key**

- Adjust the volume of your device's sounds and audio playback.
- In the camera app, press a volume key to take a photo.

# Navigation

Learn the basics for navigating through your device.

## Touchscreen Navigation

Please note that a touchscreen responds best to a light touch from the pad of your finger or a capacitive stylus. Using excessive force or a metallic object on the touchscreen may damage the tempered glass surface and void the warranty.

### Tap

Lightly tap items to select or launch them.

- Tap the keyboard to enter characters or text.
- Tap an item to select it.
- Tap an app shortcut to launch the application.

### Double-Tap

Lightly tap items twice to select or launch them.

- Double-tap an image to zoom in or out.

### Touch and Hold

Touch and hold items on the screen to activate them.

- Touch and hold a field to display a pop-up menu of options.

### Swipe

Lightly drag your finger vertically or horizontally across the screen.

- Swipe the screen to unlock the device.
- Swipe the screen to scroll through the Home screens or menu options.

## Drag

Touch and hold an item, and then move it to a new location.

- Drag an app shortcut to add it to a Home screen.
- Drag a widget to place it in a new location on a Home screen.








## Pinch and Spread

Pinch the screen using your thumb and forefinger or spread by moving your fingers apart.

- Pinch the screen to zoom out while viewing a picture or a web page.
- Spread your fingers on the screen to zoom in while viewing a picture or a web page.

## Common Options

Many of the following common options are usually available on various screens:

-  **More options:** Tap to view more menu options for a screen. This often allows you to select items to delete or share.
-  **Delete:** Tap to select items to delete.
-  **Share:** Tap to select items to share, and then choose a sharing method.
-  **Edit:** Tap to customize the screen.
- **On/Off:** Tap to turn the option on () or off ()
-  **Menu:** Tap to view available options for the field.

# Home Screen













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## Status Bar

The Status bar at the top of the Home screen provides device information on the right side and notification alerts on the left.

### Status Icons

-  Battery full
-  Battery low
-  Battery charging
-  Vibrate mode
-  Mute mode
-  4G LTE™ active
-  Signal strength
-  Network not available
-  Wi-Fi active
-  GPS active





### Notification Icons


-  New email
-  New Gmail
-  File download in progress
-  File upload in progress
-  Wi-Fi available
-  App updates available
-  App updates complete

# Customize Your Home Screen

## Screens

Your device has multiple Home screens to hold app shortcuts and widgets.

1. From a Home screen, pinch the screen.
2. Use these options to manage screens:
  - To align shortcuts into a line at the top of a screen, tap  **Align top**.
  - To align shortcuts into a line at the bottom of a screen, tap  **Align bottom**.
  - To remove a Home screen, tap  **Remove**.
  - To set a screen as the main Home screen, tap  **Main**. This screen is displayed when you press the **Home** key.

- To change the order of screens, touch and hold a screen, and then drag it to a new position.
- To add a screen, swipe to the end of the screens, and then tap  **Add**.
- To find the Flipboard Briefing screen, swipe to the left of the screens. To activate this feature, tap **On/Off** at the top of the screen.

## Wallpapers

Change the look of the Home and Lock screens with wallpaper. You can display a favorite picture or choose from preloaded wallpapers.

1. From a Home screen, pinch the screen.
2. Tap **Wallpapers** to customize.
3. Tap **From Gallery** to see additional wallpaper images.



4. Tap an image to choose it, and then select which screen you want to use it for.
5. Tap **Set as wallpaper**.


## Widgets

Widgets are simple application extensions that run on a Home screen.

To add a widget to a Home screen:

1. From a Home screen, pinch the screen.
2. Tap **Widgets**.
3. Touch and hold a widget, drag it to a Home screen, and release it.

To remove a widget from a Home screen:

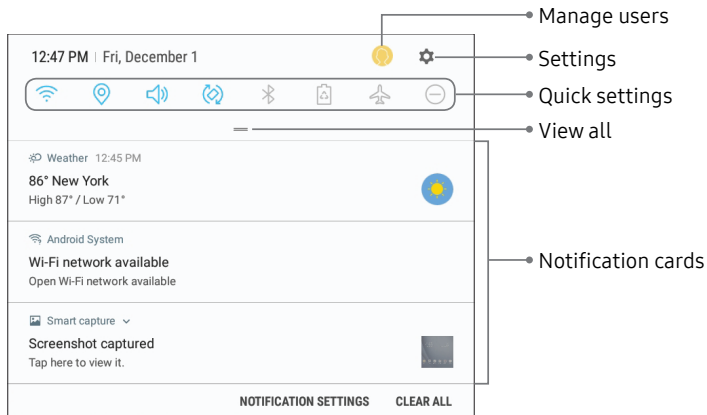
1. From a Home screen, touch and hold a widget to open the options menu.
2. Tap  **Remove**.

## Home Screen Settings

Customize your Home and Apps screens.

1. From a Home screen, pinch the screen.
2. Tap **Home screen settings** to customize:
  - **Home screen layout:** Set your device to have a Home and Apps screen, or only a Home screen where all apps are located.
  - **Apps button:** Add an apps button to the Home screen for easy access to the Apps screen.
  - **Quick-open notification panel:** Swipe down to open the notification panel from a Home screen.
  - **Hide apps:** Select apps to hide, and then tap **Apply**.
  - **About Home screen:** View version information.


# Notification Panel



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## View the Notification Panel

You can access the Notification panel from any screen.

1. Drag the Status bar down to display the Notification panel.
  - To open an item, tap it.
  - To clear a single notification, drag the notification left or right.
  - To clear all notifications, tap **Clear all**.
2. Drag upward from the bottom of the screen or tap  **Back** to close the Notification panel.




## Quick Settings

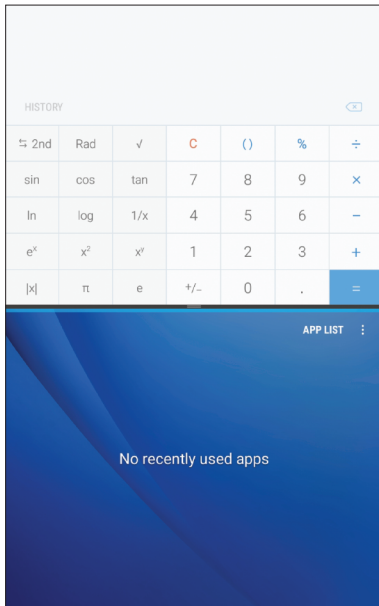
The Notification panel provides quick access to device functions, allowing you to quickly turn them on or off.

1. Drag the Status bar down to display the Notification panel.
2. Drag  **View all** downward.
  - Tap a setting to turn it on or off.
  - Tap  **More options** to reorder Quick settings or to change the button layout.
3. Drag  **View all** upward to close the Quick settings.

# Multi Window

Multitask by using two applications at the same time. Apps that support Multi window can be displayed together on a split screen. You can switch between the apps and adjust the sizes of their windows.



1. From any screen, touch and hold  **Recent apps**.
2. Tap  **Multi window** in the title bar to launch an application in split screen view.
  - Recently opened apps are displayed in the lower window. Apps that support Multi window have the  **Multi window** icon in their title bar.
  - If there are no recently opened apps that support Multi window, or if you want to launch a different app, tap **App list**.
3. Tap an app in the lower window to add it to the split screen view.



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## Window Controls

The Window controls modify the way apps windows are displayed in split screen view.

- ▶ Tap the middle of the window border to display the following options:
  -  **Switch windows:** Switch locations between Multi window apps.
  -  **Close app:** Close the selected app.

## Split screen view action



The Recent apps key can be configured to switch between full screen view and split screen view.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Advanced features** > **Multi window**, and then tap **On/Off** to enable **Split screen view action**.
3. To use  **Recent apps** to switch between views:
  - To change the current app from full screen view to split screen view, touch and hold  **Recent apps**.
  - While in split screen view, touch and hold  **Recent apps** to close the app on the bottom.

# Enter Text







Text can be entered using an on-screen keyboard or your voice.



- ▶ Tap a field to display the Samsung keyboard.
- Tap  **Symbol** to insert symbols.
- Touch and hold  **Control** for quick access to cut (x), copy (c), paste (v), undo (z), redo (y), and select all (a).

## Option Keys



Use these special keys when entering text.

- ▶ Touch and hold the  **Options** key for the following:
  -  **Voice input:** Enter text using Google Voice™ typing.
  -  **Handwriting:** Use your handwriting to enter text.
  -  **Emoticon:** Insert an emoticon.
  -  **Keyboard types:** Change the layout of the keyboard.
  -  **Keyboard settings:** Access keyboard settings.

**Note:** The Options key displays the last option used.

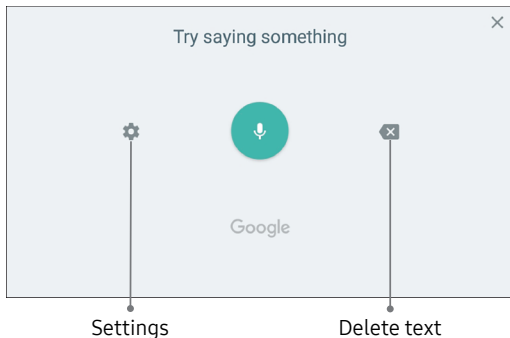
## Configure the Samsung Keyboard

Set customized options for the Samsung keyboard.


1. From a Home screen, swipe up to access **Apps**.
2. Touch and hold  **Options** >  **Keyboard settings** for options.
  - **Languages and types:** Set the keyboard type and choose which languages are available on the keyboard.
    - To switch between languages, slide the Space bar sideways.
  - **Smart typing:** Use predictive text and correct common typing mistakes to improve input.
  - **Customization:** Use alternative characters, text shortcuts, change the keyboard size, or use a high contrast keyboard.
  - **Other settings:** Reset keyboard settings, clear personalized data, and view information about the Samsung keyboard.

## Use Google Voice Typing

Instead of typing, enter text by speaking.




To enable Google voice typing:

1. Tap  **Voice input** on the Samsung keyboard.
2. Tap the screen and speak your text.

## Configure Google Voice Typing

Set customized options for Google Voice typing.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **General management** > **Language and input** > **On-screen keyboard** > **Google voice typing**.
  - **Languages:** Select languages for Google voice typing.
  - **“Ok Google” detection:** Launch a Google search whenever you say “OK Google.”
  - **Hands-free:** Allow requests with the device locked.
  - **Speech output:** Select options for spoken feedback.
  - **Offline speech recognition:** Download and install speech recognition engines, allowing you to use voice input while not connected to the network.

- **Block offensive words:** Hide search results that contain offensive words.
- **Bluetooth headset:** Use audio input from a Bluetooth® headset (not included) if one is connected.



# Apps

Learn how to change the way apps are displayed, organize apps into folders, and uninstall or disable apps.

# Use Apps

The Apps list displays all preloaded and downloaded apps. You can uninstall, disable, or hide apps from view.


## Access Apps

You can access and launch all applications from the Apps list.

1. From a Home screen, swipe up to access **Apps**.
2. Tap an app's shortcut to launch it.
  - To return to the main Home screen, press the **Home** key.



## Add an Apps Shortcut

In addition to swiping to access apps, you can add a shortcut to the Apps list on the Home screen.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **More options** > **Settings** > **Apps button**.
3. Tap **Show Apps button** > **Apply**.

## Download and Install New Apps

Find new apps to download and install on your device.

-  **Play Store:** Download new apps from the Google Play™ store. Visit [play.google.com/store/apps](https://play.google.com/store/apps) to learn more.
-  **Galaxy Apps:** View and download Samsung apps that are optimized for use with Galaxy devices. Visit [samsung.com/global/galaxy/apps/galaxy-apps](https://samsung.com/global/galaxy/apps/galaxy-apps) to learn more.

## Uninstall or Disable Apps



Uninstall or disable apps you download and install.

1. From a Home screen, swipe up to access **Apps**.
2. Touch and hold an app to open the options menu.
  - To uninstall an app, tap **Uninstall**.
  - To disable an app, tap **Disable**.

**Note:** Some preloaded apps can only be disabled, not uninstalled. Apps that are disabled are turned off and hidden from view.




## Sort Apps

App shortcuts can be listed alphabetically or in your own custom order.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **More options** > **Sort**.
  - **Alphabetical order:** Sort apps alphabetically.
  - **Custom order:** Arrange apps manually.
    - To remove empty spaces between apps, tap  **More options** > **Clean up pages**, and then tap **Apply**.

## Create and Use Folders

Create a folder to organize App shortcuts on an Apps list screen.

1. From a Home screen, swipe up to access **Apps**.
2. Touch and hold an app shortcut, and then drag it on top of another app shortcut until it is highlighted.
3. Release the app shortcut to create the folder.
  - **Enter folder name:** Name the folder.
  -  **Palette:** Change the folder color.
  -  **Add apps:** Place more apps in the folder. Tap apps to select them, and then tap **Add**.
4. Tap  **Back** to close a folder.

## Copy a Folder to a Home Screen

Create a folder and copy it to a Home screen.

1. From a Home screen, swipe up to access **Apps**.
2. Touch and hold a folder, and then drag it to the top or bottom of the screen.
3. Drag the folder to the desired location on the Home screen, and then release it.




## Delete a Folder

When you delete a folder, the app shortcuts are returned to the Apps list screen.

1. From a Home screen, swipe up to access **Apps**.
2. Touch and hold a folder to delete, and then tap **Delete folder**. Confirm when prompted.

# Apps Settings




Manage your downloaded and preloaded apps.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Apps**.
3. Tap  **Menu** to set which apps to view, and then choose **All apps**, **Enabled**, or **Disabled**.
4. Tap  **More options** for the following options:
  - **Sort by size/name:** Sort the apps by size or name.
  - **Default apps:** Choose or change apps that are used by default for certain features, like email or browsing the Internet.
  - **App permissions:** Control which apps have permissions to use certain features of your device.
5. Tap an app to view and update information about the app. The following options may be displayed:
  - **Show/Hide system apps:** Show or hide system (background) apps.
  - **Special access:** Select which apps can have special access permissions to features on your device.
  - **Reset app preferences:** Reset options that have been changed. Existing app data is not deleted.
  - **Uninstall/Disable:** Uninstall or disable the app. Preloaded apps can only be disabled.
  - **Force stop:** Stop an app that is not working correctly.
  - **Mobile data:** View mobile data usage.

- **Battery:** View battery usage since the last full charge.
- **Storage:** Manage the app's storage usage.
- **Memory:** View memory usage.
- **Notifications:** Configure notifications from the app.
- **Permissions:** View permissions granted to the app for access to your device's information.
- **Set as default:** Set the app as a default for a certain category of apps.


# Calculator

The Calculator provides basic and advanced arithmetic functions.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Tools** folder >  **Calculator**, and enter the first number using the numeric keys.
3. Tap the appropriate arithmetic function key, and enter the next number.
4. Tap  **Equals** to view the result.
5. Tap  **Clear** to clear the results.

## View Calculator History

View and clear your Calculator history.




1. From a Home screen, swipe up to access **Apps**.
2. Tap **Tools** folder >  **Calculator**.
  - To view all Calculator history, swipe up or down on the history area of the screen.
  - To clear the Calculator history, tap **Clear history**.

# Calendar

Manage your events and tasks.


## Add Calendars

Add existing calendars to the Calendar app.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Calendar** >  **More options**.
3. Tap **Manage calendars** >  **Add account**, and select an account type.
4. Enter your account information and follow the prompts.

## Calendar View



There are several ways to view the calendar.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Calendar** > **View**, and then tap an option:
  - **Year**: Display all twelve months of this year. Swipe across the screen to display another year.
  - **Month**: Display the current month. Swipe across the screen to display another month. Events and tasks are also displayed.
  - **Week**: Display the current week. Swipe across the screen to display another week.
  - **Day**: Display today's schedule by hour. Swipe across the screen to display another day.
  - **Tasks**: Display all tasks.
3. Tap **Today** to return to the current date.




## Create an Event

Use your Calendar to create events.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Calendar** >  **Add** to add an event.
3. Enter details for the event, and then tap **Save**.


## Share an Event

Share events from your Calendar.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Calendar**, tap an event, and tap again to edit it.
3. Tap **Share**, choose a sharing method, and follow the prompts.



## Delete an Event

Delete events from your Calendar.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Calendar**, tap an event, and tap again to edit it.
3. Tap **Delete**. Confirm when prompted.


## Create a Task

Use your Calendar to create tasks. Tasks are items you add to the calendar to be accomplished on a certain day. A task is displayed as a checklist item and is removed once you mark the task as complete.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Calendar** > **View** > **Tasks**.
3. Tap  **Add** to add a task.
4. Enter details for the task, and then tap **Save**.


## Delete a Task

Delete tasks from your Calendar.

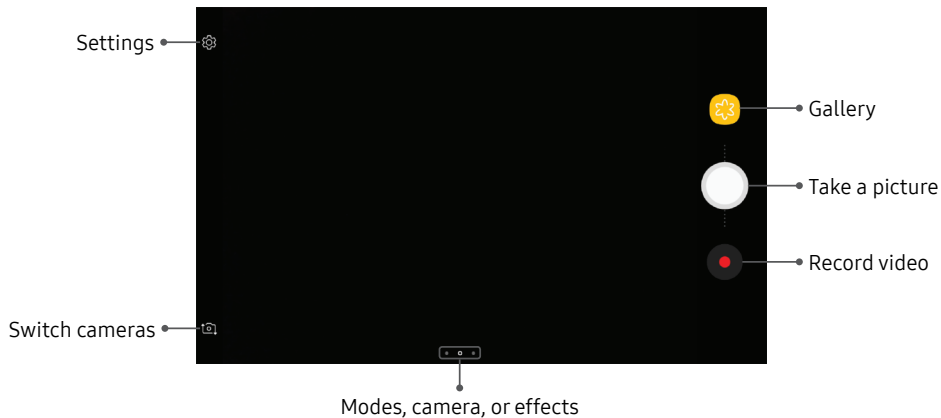
1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Calendar**, and tap a day on the calendar to view the tasks for the day, or tap **View > Tasks**.
3. Tap the ☒ **Checkbox** by the task to mark it as complete and remove it from the calendar.
  - To delete a task, tap the task to open it, and then tap **Delete**. Confirm when prompted.

## Calendar Settings

Use Calendar settings to customize your calendar.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Calendar > ⋮ More options > Settings**.
3. Tap an option and follow the prompts.




# Camera and Video



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## Take Pictures

Take pictures with your device's front or rear camera.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Camera**, and use the display screen as a viewfinder by aiming the camera at the subject. While composing your picture, use the available options or these gestures:
  - To focus the shot, tap the screen.
  - To add an effects filter, swipe to the left and tap a filter to apply it to the screen.
  - To add a shooting mode, swipe to the right and select a mode.
  - To quickly switch between the front and rear cameras, swipe the screen up or down.
  - To add a camera setting, tap a Quick settings icon or  **Settings**.
3. Tap  **Take a picture**.


## Record Videos

Record high-quality videos using your device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Camera** and aim the camera at your subject.
3. Tap  **Record** to begin recording a video.
  - To temporarily stop recording, tap  **Pause**. To continue recording, tap  **Resume**.
4. Tap  **Stop** when you are finished recording.

# Configure Shooting Mode

Allow the camera to determine the ideal mode for your picture or choose from several shooting modes.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Camera**, and swipe to the right to display the Mode options. Each section indicates which camera (front or rear) the modes are available for, and which options are common to both.

## Rear camera


- **Auto:** Allow the camera to determine the ideal mode for the picture.
- **Pro:** Manually adjust the ISO sensitivity, exposure value, white balance, and color tone while taking pictures.
- **Panorama:** Create a linear image by taking pictures in either a horizontal or vertical direction.

- **Continuous shot:** Touch and hold the Camera button to take pictures continuously.
- **Beauty face:** Enhance facial features automatically when taking pictures.
- **Sports:** Take fast action photos.

## Front camera



- **Selfie:** Take selfie shots and apply various effects, such as an airbrushed effect.

## Both cameras

-  **More options:** See more options for the camera modes.
- **Sound & shot:** Enrich pictures by adding background sounds for a few seconds.

# Camera Settings

Use the icons on the main camera screen and the settings menu to configure your camera's settings.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Camera** >  **Settings**.

## Rear camera

- **Picture size:** Select a resolution. Selecting a higher resolution for higher quality requires more memory.
- **Video size:** Select a resolution. Selecting a higher resolution for higher quality requires more memory.
- **Timer:** Take time-delayed pictures or videos.

## Front camera


- **Picture size:** Select a resolution. Selecting a higher resolution for higher quality requires more memory.
- **Save pictures as previewed:** Save self-portraits or self-recordings as viewed on the camera screen, not as flipped images.
- **Shooting methods:**
  - **Tap screen:** Tap the screen to take selfies.
  - **Show palm:** Hold your the palm of your hand toward the camera to have your picture taken in a few seconds.
- **Timer:** Take time-delayed pictures or videos.

## Common

- **Full screen view (16:9):** Preview pictures and videos using the full screen.
- **Grid lines:** Display viewfinder grid lines to help composition when selecting subjects.
- **Location tags:** Attach a GPS location tag to the picture.
- **Review pictures:** Set to show pictures after taking them.
- **Storage location:** Select the memory location for storage.
  - A memory card (not included) must be installed to view Storage location. For more information, see [“Install the SIM Card” on page 5.](#)
- **Floating Camera button:** Add an extra Camera button that you can move anywhere on the screen in Auto and Selfie modes.
- **Volume key function:** Use the Volume key to take pictures, record video, zoom, or control system volume.
- **Shutter sound:** Play a tone when you take a picture.
- **Reset settings:** Reset the camera settings.
- **Help:** View information on using the camera.



# Clock

The Clock app offers features for keeping track of time and setting alarms.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Tools** folder >  **Clock**, and tap a tab to use a feature.

## Alarm

Use the Alarm tab to set one-time or recurring alarms, and choose options for how to be notified.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Tools** folder >  **Clock** >  **Add alarm**.
3. Tap the following items to configure an alarm:
  - **Date:** Choose the day for this alarm.
  - **Time:** Set a time for the alarm.


- **Repeat:** Choose when to repeat the alarm.
- **Alarm name:** Enter a name for the alarm.
- **Snooze:** Allow snoozing. Set interval and repeat values for the alarm while snoozing.
- **Alarm tone and volume:** Choose a sound to play for the alarm, and drag the slider to set the volume of the alarm.
- **Vibration:** Choose whether the alarm uses vibration alert.
- **Read time aloud:** Read the time aloud when the alarm rings.

4. Tap **Save** to save the alarm.




## Turn Off Alarm

At the set alarm time, the device sounds the alarm and/or vibrates.

- To stop an alarm, tap **Dismiss**, or swipe  **Dismiss** to the left or right.
- To postpone the alarm, tap **Snooze**.

## Delete an Alarm



Delete an alarm that you created.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Tools** folder >  **Clock**, and find the alarm in the alarm list (under **Alarm**), and then touch and hold it to select it.
3. Tap **Delete**.

## World Clock


The World clock lets you keep track of the time in multiple cities around the world.

To list a city on the World clock screen:

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Tools** folder >  **Clock** > **World clock** >  **Add city**.
3. Tap a city, or tap **Search** for more cities.
4. Tap **Add** to add the city to your World clock.
  - To remove a city, touch and hold it to select it, and tap **Delete**.


## Stopwatch

Time events down to a hundredth of a second.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Tools** folder >  **Clock** > **Stopwatch**.
3. Tap **Start** to begin timing.
  - To keep track of lap times, tap **Lap**.
4. Tap **Stop** to stop timing.
  - To continue timing after stopping the clock, tap **Resume**.
  - To reset the Stopwatch to zero, tap **Reset**.

## Timer

The Timer provides a countdown timer for up to 99 hours, 59 minutes, and 59 seconds.




1. From a Home screen, swipe up to access **Apps**.
2. Tap **Tools** folder >  **Clock** > **Timer**.
3. Use the keypad and tap **Hours**, **Minutes**, and **Seconds** to set the length of the Timer.
4. Tap **Start** to begin the Timer.
  - To temporarily stop the Timer, tap **Pause**. To continue timing after pausing, tap **Resume**.
  - To stop and reset the Timer, tap **Cancel**.




# Contacts

Store and manage your contacts. You can synchronize with personal accounts added to your device. For more information, see [“Add an Account” on page 133](#).

## Add a Contact

Use the following procedure to add a new contact.


1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Contacts** >  **Create contact**, and then tap contact fields to enter information.
  - Choose a storage location for the contact. You can store the contact on the device or sync it with an account.
  - Tap  **Contact photo** to assign a picture or an animated GIF to the new contact.

- Enter a name and other contact information.
  - Tap  **Add field** to enter additional entries.
  - Tap  **Remove field** to remove an entry.
  - Tap  **View more** for additional fields.
  - Tap the label to the right of an entry to choose a label for the field (for example, Home or Work).

3. Tap **Save**.


## Edit a Contact

When editing a contact, you can tap a field and change or delete the information, or you can add more fields to the contact's list of information.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Contacts**, tap a contact to select it, and then tap **Edit**.
3. Tap any of the fields to add, change, or delete information.
4. Tap **Save**.



## Share a Contact

Share a contact by using various sharing methods.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Contacts**, tap a contact to select it, and then tap **Share**.
3. Tap either **vCard file (VCF)** or **Text**.
4. Choose a sharing method and follow the prompts.



## Import Contacts

Your device can import contacts from an installed memory card (not included).

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Contacts** >  **More options** > **Manage contacts**.
3. Tap **Import/Export contacts**.
4. Tap **Import** and follow the prompts.



## Export Contacts

Manually back up contacts to an installed memory card (not included).

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Contacts** >  **More options** > **Manage contacts**.
3. Tap **Import/Export contacts**.
4. Tap **Export** and follow the prompts.




## Link Contacts

Consolidate contact information from multiple sources into one contact by linking entries into a single contact.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Contacts**, and then tap a contact to select it.
3. Tap  **More options** > **Link contacts**.
4. Tap contacts to choose them.
5. Tap **Link**.


## Unlink Contacts

Unlink contact information that has been linked and restore it to multiple sources.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Contacts**, and then tap a contact to select it.
3. Tap  **More options** > **Manage linked contacts**.
4. Tap  **Disconnect** beside contacts to unlink them from the main contact.






## Delete Contacts

Delete a single contact or multiple contacts.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Contacts**, and then touch and hold a contact to select it.
  - You can also tap other contacts or tap the **All** checkbox at the top of the screen to select all contacts.
3. Tap **Delete**, and then confirm when prompted.

## Favorites

When you mark contacts as favorites, they are easily accessible from other apps.



1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Contacts**, and then tap a contact to select it.
3. Tap  **Add to Favorites** to mark contacts as Favorites and the star brightens .
  - To remove contacts from Favorites, tap  **Remove from Favorites** and the star dims .

# Groups

Use groups to organize your contacts.




## Create a Group

Create your own contact groups.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Contacts** >  **More options** > **Groups**.
3. Tap **Create**, and then tap fields to enter information about the group:
  - **Group name**: Enter a name for the new group.
  - **Group ringtone**: Customize the sounds for the group.
  - **Add member**: Select contacts to add to the new group, and then tap **Done**.
4. Tap **Save**.

## Add or Remove Group Contacts




Add more contacts to a group, or remove contacts.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Contacts** >  **More options** > **Groups**, and then tap a group.
3. Tap **Edit**.
  - To add a contact, tap **Add member**, and then tap the contacts you want to add. When finished, tap **Done**.
  - To remove a contact, tap  **Remove** next to a contact.
4. Tap **Save**.






## Send a Message to a Group

Send a text message to members of a group.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Contacts** >  **More options** > **Groups**, and then tap a group.
3. Tap  **More options** > **Send message**.

## Send an Email to a Group




Send an email to members of a group.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Contacts** >  **More options** > **Groups**, and then tap a group.
3. Tap  **More options** > **Send email**.

4. Tap contacts to select them, or tap the **All** checkbox at the top of the screen to select all, and then tap **Done**.
  - Only group members that have an email address in their records are displayed.
5. Choose an email account and follow the prompts.



## Delete a Group

Delete a group you created.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Contacts** >  **More options** > **Groups**, and then tap a group.
3. Tap  **More options** > **Delete**.
4. Tap **Group only** to only delete the group or tap **Group and members** to delete the group and the contacts in the group.

# Contacts Settings

These settings allow you to modify settings associated with using the Contacts app.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Contacts** >  **More options** > **Settings**.
3. Tap an option and follow the prompts.




# Email



View and manage all your email accounts in one app.

To add an email account, see ["Add an Email Account" on page 9.](#)

## Create and Send an Email


This section describes how to create and send an email using the Email app.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Samsung** folder >  **Email** >  **Compose new email**.
3. Tap the **To** field to manually add an email address or tap  **Add from Contacts** to select a recipient from Contacts or Groups.
  - If manually entering recipients, enter additional recipients by separating each entry with a semicolon (;). More recipients can be added at any time before the message is sent.

- If adding a recipient from your Contacts, tap the contact to place a checkmark, and then tap **Done**. The contact is displayed in the recipients field.
  - Tap  **Show additional fields** to add Cc and Bcc fields.
4. Tap the **Subject** and **Message** fields to enter text.
    - Tap **Attach** to add an attachment to your email.
    - Tap  **More options** for additional email options.
  5. Review your message and tap **Send**.



## Manage the Inbox

There are several tools available from the Inbox screen.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Email**.
  - Tap a message to read and reply or forward it.
  - Tap **Search** to search for key words in your email inbox.
  - Tap **Edit** for additional message options.
  - Tap **Sort by** to customize how messages display.




## View Multiple Email Accounts

You can view email you receive for multiple accounts, or you can view email accounts individually.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Email**.
3. Tap  **Mailbox** at the top left of the screen to choose a different view:
  - **[Account name]**: View email for only one email account.
  - **All accounts**: View all email in a combined inbox.




## Remove Email Accounts

To remove an email account:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Email**.
3. Tap  **Mailbox** >  **Settings**.
4. Tap the account you want to remove.
5. Tap **Remove**. Confirm when prompted.

## Email Settings

These settings allow you to modify settings associated with using the Email app.


1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Email**.
3. Tap  **Mailbox** >  **Settings**.
  - Under **General**, tap an option, and then follow the prompts.
  - Tap an account to configure specific settings for only that account.

# Galaxy Apps

Samsung Galaxy Apps provides a quick and easy way to find and download premium apps that are compatible with your Galaxy device.

A Samsung account is required to download apps.

To access the Samsung Galaxy Apps website:


1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Galaxy Apps**.






# Gallery

View, edit, and manage pictures and videos.

## View Pictures






Launch the Gallery to view pictures on your device. When another app, such as Email, saves a picture, a Download folder is automatically created to contain the image.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Gallery**, and tap **Pictures**, **Albums**, or **Stories** to choose the way items are displayed.
3. Tap a picture to view it, or first tap an album or folder, and then tap a picture.

4. When viewing a picture:
  - Swipe left or right to view the next or previous picture.
  - Tap  **Favorite** to mark the picture as a favorite, and then access it from the Favorites album.
  - To view information about a picture, tap  **More options** > **Details**.
  - To set the picture as a wallpaper, tap  **More options** > **Set as wallpaper**.
  - To send the picture to your connected printer, tap  **More options** > **Print**.
  - To edit the picture in Photo Editor Pro, tap  **More options** > **Open in Photo Editor Pro**.



## Edit Pictures

You can edit pictures stored on your device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Gallery**, and tap a picture to view it.
  -  **Transform**: Rotate, flip, crop, or make other changes to the overall appearance of the picture.
  -  **Effects**: Add visual effects to the picture.
  -  **Stickers**: Add illustrated stickers to the picture.
  -  **Draw**: Make drawings on the picture.
3. Tap **Save**, and then confirm when prompted.



## Play Video

You can play videos stored on your device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Gallery**, and tap a folder or category to open it.
3. Tap a video to view it.
4. Tap  **Play video** to play the video.

## Edit Video

You can trim segments of a video.



1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Gallery**, and tap a video to view it.
3. Tap  **Edit**.




4. Use the sliders at the bottom of the screen to trim the video. Move the left bracket to the desired starting point, and then move the right bracket to the desired ending point.
5. Tap **Save** to save your new video.

## Share Pictures and Videos

You can share pictures and videos from your Gallery.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Gallery**, and tap a folder to open it.
3. In a folder, tap  **More options** > **Share**, select pictures and videos, and then tap **Share** to send them to others or share them with social network services.


– or –

While viewing a single picture or video, tap  **Share** to send it to others or share it with social network services.

## Direct Share



Share content with specific people directly using the sharing panel from within any app.


Once enabled, contacts you have shared with in the past will appear as icons in the Share window for each app.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Advanced features** > **Direct share**, and tap **On/Off** to enable.

## Delete Pictures and Videos

You can delete pictures and videos stored on your device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Gallery**, and tap a folder to open it.
3. Tap  **More options** > **Edit**.
4. Tap pictures and videos to select them, or tap the **All** checkbox at the top of the screen to select all pictures and videos.
5. Tap **Delete**, and confirm when prompted.  
– or –


When viewing a single picture or video, tap  **Delete**.

## Take a Screenshot

Capture an image of your screen. It will automatically create a Screenshots album in the Gallery app.

- From any screen, press and hold the **Power** and **Volume down** keys.

## Screenshot Options


1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Advanced features**.
3. Tap **On/Off** to enable each of the following:
  - **Smart capture:** Capture an image of any scrollable areas of the screen that are currently hidden, as well as the area that is visible, and crop and share the screenshot immediately.
  - **Palm swipe to capture:** Capture an image of the screen by swiping the edge of your hand across it, from side to side, keeping in contact with the screen.

# Google Apps

Enjoy these preloaded apps from Google. Certain apps require a Google Account.

## Chrome


Browse the Internet and bring your open tabs, bookmarks and address bar data from your computer to your mobile device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Chrome**.

Visit [support.google.com/chrome](https://support.google.com/chrome) to learn more about Chrome™.

## Drive


Open, view, rename, and share your Google Docs™ and files.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Google** folder >  **Drive**.

Visit [support.google.com/drive](https://support.google.com/drive) to learn more about Google Drive™.

## Gmail


Send and receive email with Gmail, Google's web-based email service.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Google** folder >  **Gmail**.

Visit [support.google.com/mail](https://support.google.com/mail) to learn more.


## Google

Search not only the Internet, but also the apps and contents of your device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Google** folder >  **Google**.

## Hangouts


Meet friends and family online, share photos, host video calls, and send SMS and Hangouts messages.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Google** folder >  **Hangouts**.

Visit [support.google.com/hangouts](https://support.google.com/hangouts) to learn more.

## Maps

Find your current location and get directions and other location-based information.


1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Maps**.

Visit [support.google.com/maps](https://support.google.com/maps) to learn more.

You must enable location services to use Google Maps™. For more information, see [“Location” on page 94](#).

## Photos


Automatically backs up your photos and videos to your Google Account.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Google** folder >  **Photos**.

Visit [support.google.com/photos](https://support.google.com/photos) to learn more about Google Photos™.

## Play Movies & TV


Watch movies and TV shows purchased from Google Play. You can stream them instantly or download them for viewing when you are not connected to the Internet. You can also view videos saved on your device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Google** folder >  **Play Movies & TV**.

Visit [play.google.com/store/movies](https://play.google.com/store/movies) to learn more.

## Play Music


Play music and audio files on your device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Google** folder >  **Play Music**.

Visit [support.google.com/music](https://support.google.com/music) to learn more.

## Play Store


Find new apps, movies and TV shows, music, books, magazines, and games in Google Play store.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Play Store**.

Visit [support.google.com/play](https://support.google.com/play) to learn more.

## YouTube

View and upload YouTube™ videos right from your device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **YouTube**.








Visit [support.google.com/youtube](https://support.google.com/youtube) to learn more.



# Internet

Access the Internet with a fully-featured web browser.

## Command Keys








The following command keys are available:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Internet**.
  -  **Back** or  **Back**: Return to the previous page.
  -  **Forward**: Go forward to a recent page.
  -  **Add to Bookmarks**: Add the current web page to bookmarks.
  -  **Refresh**: Refresh or reload the current web page.
  -  **Home**: Display your Internet Home screen.

-  **Bookmarks**: Manage bookmarked pages, saved pages, and history.
-  **More options**: Share, save, or bookmark a web page, open a new secret tab, display Internet app settings, and more.


## Quick Menu

Access common features of your browser.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Internet**.
3. Tap  **Quick menu** for the following options:
  -  **Share**: Share the webpage with others.
  -  **New tab**: Open a new tab.
  -  **Web page text size**: Change the text size.
  -  **Close**: Close the Quick menu.
  -  **Settings**: Change Quick menu options.

## View a Web Site




To view a web site:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Internet**.
3. Tap the address field, enter the web address, and then tap **Go** on the keyboard.

## Browser Tabs

Use tabs to view multiple web pages at the same time.

To open a new tab:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Internet** >  **Add tab**.
  - If all tabs are closed, tap **New tab**.
  - To close a tab, tap  **Close tab**.




## Bookmarks

The Bookmarks page stores Bookmarks, History, and Saved pages.



### Save and Open Bookmarks

Bookmarking a web page saves the web address so that you can access it quickly.

To bookmark the current web page:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Internet**.
3. Tap  **Add to Bookmarks**.
  - or –
  - Tap  **More options** > **Add to Bookmarks**.
4. Type a title for the bookmark and tap **Save**.



To open a bookmarked web page:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Internet**.
3. Tap  **Bookmarks** > **Bookmarks**.
4. Tap a bookmark entry.



## Saved Pages

Saving a web page stores the web page content on your device so that you can access it offline.

To save the current web page:



1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Internet**.
3. Tap  **More options** > **Save webpage**.

To view saved web pages:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Internet**.
3. Tap  **Bookmarks** > **Saved pages**.
4. Tap a saved page to open it in the browser.

## View History



To view a list of recently visited web pages:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Internet**.
3. Tap  **Bookmarks** > **History**.



## Share Pages

To share a web page address with others:



1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Internet**.
3. Tap  **More options** > **Share**, and follow the prompts.

## Secret Mode

Pages viewed in Secret mode are not listed in your browser history or search history, and leave no traces (such as cookies) on your device. Secret tabs are a darker shade than the normal tab windows.

Any downloaded files remain on your device after you close the secret tab.



To turn on Secret mode:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Internet**.
3. Tap  **More options** > **Turn on Secret mode**.
4. Tap **Set password** to protect your Secret mode data with a password.

– or –



Tap **Don't use password**.

To turn off Secret mode:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Internet**.
3. Tap  **More options** > **Turn off Secret mode**.

# Internet Settings


These settings allow you to modify settings associated with using the Internet app.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Internet**.
3. Tap  **More options > Settings**.
4. Tap an option and follow the prompts.

# Kids Mode

Create a child-friendly environment on your device.

The following apps are available: Drawing, Gallery, Camera, Music. All content available to the child is controlled in the Parental Controls section.








1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Kids Mode**.

# Memo

Use Memo to write and save notes on your device.


## Compose a Note

You can create memos using the Memo app.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Memo**, tap  **Create memo**, and type a memo. Available options include:
  -  **Category**: Add or change the category.
  -  **Tasks**: Add tasks.
  -  **Image**: Insert an image into the memo.
  -  **Drawing**: Create a drawing and add it to the memo.
  -  **Voice**: Use your voice to insert text into the memo.
3. Tap **Save** when finished.


## Edit Memos

You can make edits to memos you create.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Memo**.
3. Tap a memo to view it.
4. Tap the content and make edits.
5. When you are finished, tap **Save**.




## Browse Memos


You can browse memos you create.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Memo**.
  - Browse memo entries by swiping up or down.
  - To search for a memo, tap **Search**.

# Memo Options

You can edit, share, or manage memos.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Memo**
3. While browsing memos, tap  **More options** for the following options:
  - **Edit**: Select notes to delete or move.
  - **Manage categories**: Create and manage categories to organize your memos.
4. Tap a memo, and then tap one of the following options:
  - **Share**: Send the memo to others using a variety of sharing methods or social media.
  - **Delete**: Delete the memo.
  -  **Favorite**: Mark the memo as a favorite.




-  **More options**:
  - **Pin to Home screen**: Place a shortcut to the memo on a Home screen.
  - **Print**: Select a printer to print your memo.




# Messages

Learn how to send and receive text messages (SMS) and multimedia messages (MMS).

## Create and Send Messages

To create and send a message:



1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Messages** >  **Compose**.
  - You can choose recipients from Contacts or Groups.
3. Tap **Compose**.
  - To manually enter a recipient, tap the Recipient field. Enter additional recipients by separating each entry with a semicolon (;).
  - To add a recipient from your contacts, tap  **Add from Contacts**.

4. Tap the **Enter message** field to enter a message.
  - To attach items to your message, tap  **Attach**.
  - To add emoticons to your message, tap  **Emoticon**.
5. Review the message and tap  **Send**.

**Note:** If you exit a message before you send it, the message is automatically saved as a draft.



## View New Messages

To view the message:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Messages**, and then tap the new message to view it.
  - To play a multimedia message attachment (audio or video), tap  **Play**.
  - To scroll through the list of messages, swipe up or down the page.



## Delete Messages

To delete messages, follow these steps:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Messages** >  **More options** > **Edit**.
3. Tap each message you want to delete or tap the **All** checkbox at the top of the screen to select all messages.
4. Tap **Delete** and confirm when prompted.



## Message Search

You can search through your messages by using the Message Search feature.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Messages** > **Search**.
3. Enter a word or phrase to search for, and then tap  **Search** on the keyboard.

## Messages Settings


Configure the settings for text messages, multimedia messages, push messages, and more.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Messages** >  **More options** > **Settings**.

# My Files

Access files stored on your device, including images, videos, music, and sound clips.

To view files in My Files:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **My Files**.
3. Tap a category to view the relevant files or folders.
4. Tap a file or folder to open it.

## File Groups

Files stored in the device are organized into the following groups:

- **Recent files:** View recently accessed files.

- **Categories**

- **Images:** View image files.
- **Audio:** View audio files.
- **Videos:** View video files.
- **Documents:** View document files.
- **Installation files:** View all APK files.
- **Downloads:** View all apps and files that have been downloaded to the device.





- **Tablet**

- **Internal storage:** View folders and files located on the device.
- **SD card:** View folders and files located on the optional SD card (not included).




# My Files Options

Use My Files options to search, edit, clear file history, and more.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **My Files**. The following options are available:
  -  **Search**: Search for a file or folder.
  -  **Grid**: Display files in a grid or a list
  -  **More options**: Tap for the following options:
    - **Edit**: Edit files shown in Recent files.
    - **Share**: Share files.
    - **Get more space**: View storage information for your device.
    - **Settings**: View settings for the My Files app.
  - **Clear history**: Clear the Recent files category. This option only available if files have been accessed recently.

# Samsung+

Get live help, discover new features, and unlock promotions for your Samsung device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Samsung+**.

Visit [samsung.com/us/samsung-plus](https://samsung.com/us/samsung-plus) to learn more.


# T-Mobile Apps

Enjoy these apps from T-Mobile.

Certain apps require a data plan or paid subscription. Visit [t-mobile.com](http://t-mobile.com) to learn more or contact your service provider for additional information.


## Amazon

Shop at [amazon.com](http://amazon.com)™ from your device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Amazon**.


## Excel

View, create, and edit spreadsheets on your device. You can unlock the full Excel® experience with an Office 365™ subscription.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Microsoft Apps** folder >  **Excel**.

## Lookout


Configure and manage key security options, such as anti-virus and anti-malware technology, a lost and stolen device locator service, an application privacy adviser, and a backup service.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Lookout**.

## Mobile HotSpot


Use your device as a mobile hotspot, sharing data with other devices through a Wi-Fi connection.

For more information, see [“Mobile Hotspot” on page 91](#).

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Mobile HotSpot**.


## OneDrive

Store and share photos, videos, documents, and more in your free online OneDrive® account, which you can then access from your personal computer, tablet, or phone.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Microsoft Apps** folder >  **OneDrive**.


## OneNote

Stay organized using text, pictures, or audio notes. Create Quick Notes or review and edit shared OneNote® notebooks using OneDrive.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Microsoft Apps** folder >  **OneNote**.


## PowerPoint

View, create, and edit presentations on your device. You can unlock the full PowerPoint® experience with an Office 365 subscription.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Microsoft Apps** folder >  **PowerPoint**.


## Skype

Hold video and voice calls, and send instant messages to anyone around the world using Skype®.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Microsoft Apps** folder >  **Skype**.

# Word

View, create, and edit documents on your device. You can unlock the full Word experience with an Office 365 subscription.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Microsoft Apps** folder >  **Word**.


# Settings

Configure your device's connections and settings, add accounts, and customize Home screens, apps, and features.


# How to Use Settings

## Access Settings

There are a couple of ways to access your device settings.



- From a Home screen, swipe up to access **Apps**, and then tap  **Settings**.

– or –

Drag down from the Status bar to display the Notification panel, and then tap  **Settings**.

## Search for Settings

If you are not sure exactly where to find a certain setting, you can use the Search feature.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings**.
3. Tap  **Search**.
  - Enter a word or words in the **Search** field. As you type, settings that match are displayed on the screen.
  - Tap an entry to go to that setting.

# Connections

Manage connections between your device and a variety of networks and other devices.




# Wi-Fi

Wi-Fi is a term used for certain types of Wireless Local Area Networks (WLAN). Wi-Fi communication requires access to a wireless Access Point (AP).



## Connect to a Wi-Fi Network

To scan for a Wi-Fi network and connect to it:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Wi-Fi**, and then tap **On/Off** to turn on Wi-Fi.
  - When Wi-Fi is turned on, your device automatically scans for available networks and displays them.
3. Tap the network you want to connect to.
  - When you select an open network, you are automatically connected to the network. Otherwise, enter a password to connect.


## Manually Connect to a Wi-Fi Network

You can connect your device to a Wi-Fi network manually.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Wi-Fi**, and then tap **On/Off** to turn on Wi-Fi.
3. Tap  **Add network**.
4. Enter information about the Wi-Fi network:
  - **Network name:** Enter the name of the Wi-Fi network.
  - **Security:** Select a security option and enter your password.
  - **Auto reconnect:** Connect to this network automatically whenever available.
  - **Show advanced options:** Add advanced options such as IP settings and Proxy settings.
5. Tap **Connect** to store the new information and connect to your target wireless Access Point.

## Wi-Fi Options

The Wi-Fi settings menu allows you to set up many of your device's advanced Wi-Fi services.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Wi-Fi**, and then tap **On/Off** to turn on Wi-Fi.
3. Tap **Advanced** for options:
  - **Adaptive Wi-Fi:** Automatically switch between Wi-Fi and mobile data and save frequently used Wi-Fi networks.
  - **Network notification:** Receive notifications when open networks in range are detected.
  - **Hotspot 2.0:** Connect to Hotspot 2.0 enabled Wi-Fi access points without needing a password.
  - **Manage networks:** Manage your saved Wi-Fi networks.


- **WPS push button:** Set up a connection to a WPS (Wi-Fi Protected Setup) router or other equipment.
- **WPS PIN entry:** View the PIN used by your device to set up a PIN-secured connection to a Wi-Fi router or other equipment (not configurable).
- **Keep Wi-Fi on during sleep:** Specify when to disconnect from Wi-Fi.
- **Install network certificates:** Install authentication certificates.
- **Wi-Fi control history:** View devices that have turned your Wi-Fi on or off.
- **MAC address:** View your device's MAC address, which is required when connecting to some secured networks (not configurable).
- **IP address:** View your device's IP address (not configurable).

## Wi-Fi Direct

Wi-Fi Direct allows direct device-to-device connections using Wi-Fi, without having to connect to a Wi-Fi network.



### Connect to a Device with Wi-Fi Direct

Use Wi-Fi Direct to connect directly to other Wi-Fi Direct devices.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Wi-Fi**, and then tap **On/Off** to turn on Wi-Fi.
  - Wi-Fi must be on to configure settings.
3. Tap **Wi-Fi Direct**. Your device automatically scans for nearby Wi-Fi Direct devices.
4. Select a device, and then follow the prompts to complete the connection.


## Share Data with Wi-Fi Direct

Share data with another device using Wi-Fi Direct.

1. Connect your tablet to the device using Wi-Fi Direct.
2. From an app, tap  **Share** or  **More options** > **Share**.
3. Tap **Wi-Fi Direct** and follow the prompts.

### Disconnect from Wi-Fi Direct

Disconnect your device from a Wi-Fi Direct device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Wi-Fi** > **Wi-Fi Direct**.
3. Tap a device to disconnect it.

# Bluetooth


Bluetooth is a short-range communications technology that connects your device wirelessly to a number of Bluetooth devices, such as headsets and hands-free car Bluetooth systems, and Bluetooth-enabled computers, printers, and wireless devices.

The Bluetooth communication range is approximately 30 feet.

## Pair with a Bluetooth Device



The Bluetooth pairing process allows you to establish trusted connections between your device and another Bluetooth device.

Pairing between two Bluetooth devices is a one-time process. Once a pairing is created, the devices continue to recognize their partnership and exchange information without having to re-enter a passcode.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Bluetooth**, and then tap **On/Off** to turn on Bluetooth.
  - Make sure that the target device is discoverable so that your device can find it. Refer to the instructions that came with the device to find out how to set it to discoverable mode.
  - When Bluetooth is first turned on, it scans for nearby Bluetooth devices and displays them.
  - To manually perform a new scan, tap **Scan**.
3. Tap the name of the target device when you see it displayed in the Bluetooth devices section.
  - Your device automatically tries to pair with the target device. If automatic pairing fails, enter the passcode supplied with the target device.

## Rename a Paired Device



Once you have paired your device to another device, you can rename the paired device to make it easier to recognize.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Bluetooth**, and then tap **On/Off** to turn on Bluetooth.
3. Tap  **Settings** next to the previously paired device, and then tap **Rename**.
4. Enter a new name, and tap **Rename**.

## Share Data with Bluetooth

Use Bluetooth to transfer information between your tablet and another Bluetooth-enabled device.

To send data to another device using Bluetooth:

1. From an app, tap  **Share** or  **More options** > **Share**.
2. Tap **Bluetooth** and follow the prompts.


Settings

To receive data from another device using Bluetooth:

1. When another device attempts to send a file to your tablet using Bluetooth, you will see a request to accept the file.
2. Tap **Accept**.
3. To open the file, drag down the Notification panel and tap **File received**.


## Connect with a Bluetooth Device

Listen to music using a Bluetooth stereo headset, or have hands-free conversations using a compatible Bluetooth headset or car kit.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Bluetooth**, and then tap **On/Off** to turn on Bluetooth.
3. Tap a paired device.



## Disconnect from a Bluetooth Device

Disconnect a Bluetooth device from your tablet.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Bluetooth**, and then tap **On/Off** to turn off Bluetooth.

## Unpair from a Bluetooth Device

When you unpair from a Bluetooth device, the two devices no longer recognize each other. To connect again, you have to pair the devices.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Bluetooth**, and then tap **On/Off** to turn on Bluetooth.
3. Tap  **Settings** next to the paired device, and then tap **Unpair** to delete the paired device.


## Data Usage

Monitor how your data is being used, and set limits and restrictions to conserve it.

Your service provider may account for data usage differently.


## Turn Data Saver On or Off

Data saver prevents some apps from sending or receiving data in the background, as well as reduce the frequency of data use.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Data usage** > **Data saver**.
3. Tap **On/Off** to turn Data saver on or off.
4. To permit certain apps to have unrestricted data usage, tap **Allow app while Data saver on**, and then tap **On/Off** next to each app that you want to permit to have unrestricted data usage.


## Turn Mobile Data On or Off

Enable or disable mobile data use on your device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Data usage** > **Mobile data** to turn mobile data on or off.


## Check Mobile Data Usage by Apps

Monitor your apps' mobile data usage.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Data usage** > **Mobile data usage**.
3. Tap an app to view data usage details.


## Create an Alert for Mobile Data Usage

Receive alerts when mobile data use reaches a warning amount you set.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Data usage** > **Billing cycle and data warning**.
3. Tap **Data warning**.
4. Enter the data usage warning amount, and then tap **Set** to save.

## Additional Data Usage Options

Configure more options for mobile data usage.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Data usage**.

The following options are available:


- **Billing cycle and data warning:** Set the day of the month to start the bill cycle, and set data limits.
- **Wi-Fi data usage:** View data usage over Wi-Fi connections.
- **Restrict networks:** Select networks to prevent apps that are running in the background from using them.

## Airplane Mode

Airplane mode disconnects your device from all networks and turns off connectivity features, such as Wi-Fi.

While in Airplane mode, you can use other features such as playing music, watching videos, and other offline applications.


To enable or disable Airplane mode:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Airplane mode**, and then tap **On/Off** to enable or disable the option.




# Mobile Hotspot

Activate Mobile hotspot to allow other devices to use your device's Internet connection.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Mobile hotspot and tethering** > **Mobile hotspot**.
3. Tap **On/Off** to turn Mobile hotspot on or off.


## Connect a Device to Your Mobile Hotspot

Use the other device's Wi-Fi control to connect to Mobile hotspot.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Mobile hotspot and tethering** > **Mobile hotspot**.
3. Tap **On/Off** to turn on Mobile hotspot.
4. Activate Wi-Fi on the target device.
5. Scan for Wi-Fi hotspots and select your device's Mobile hotspot.
6. Enter your device's Mobile hotspot password on the target device.

## Change the Mobile Hotspot Password



You can change your Mobile hotspot password.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Mobile hotspot and tethering** > **Mobile hotspot**.
3. Tap the password and enter a new password.
4. Tap **Save**.

## Allowed Devices List



Control whether devices connect to your Mobile hotspot with the Allowed devices list. After you add devices to the list, they can scan for your device and connect using your device's Mobile hotspot name and password.

**Note:** Using your device as a Mobile hotspot consumes battery power and uses data service. While Mobile hotspot is active, your device's applications use the Mobile hotspot data service. Roaming while using your device as a Mobile hotspot incurs extra data charges.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Mobile hotspot and tethering** > **Mobile hotspot**.
3. Tap  **More options** > **Allowed devices**, and then tap **Add** to enter the other device's Device name and MAC address.
4. Tap **Add** to add the device.
  - To restrict connections to your Allowed devices list, tap **Allowed devices only**.

# Configure Mobile Hotspot Settings


Manage your Mobile hotspot security and connecting settings.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Mobile hotspot and tethering** > **Mobile hotspot**.
3. Tap  **More options** > **Configure mobile hotspot** for the following settings:
  - **Network name:** View and change the name of your Mobile hotspot.
  - **Broadcast network name (SSID):** Make your device visible to others.
  - **Security:** Choose the security level for your Mobile hotspot.

- **Password:** If you choose a security level that uses a password, enter the password. A default password is displayed on the Mobile hotspot screen.
- **Show advanced options:** Access advanced options, including Broadcast channel, and to specify the channel your device uses for Mobile hotspot.


## Tethering

You can use USB tethering to share your device's Internet connection with a computer.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Mobile hotspot and tethering**.
3. Tap **USB tethering** to turn on tethering.
4. Connect the computer to the device using the USB cable.

# Mobile Networks

Control your device's access to networks and mobile data service.


1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Mobile networks** for options:
  - **Data roaming:** Enable or disable data while roaming on other mobile networks.
  - **Network mode:** Choose a preferred network mode.
  - **Access Point Names:** Choose or add APNs.
  - **Network operators:** Search for and select available mobile networks.

# Location

Some apps may require one or more location services be turned on for full functionality.

## Locating Method


To use any features that require location assistance, you must enable location services.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Location**.
3. Tap **On/Off** to turn on Location services.
4. Tap **Locating method** to select how your location is determined:
  - **High accuracy:** Uses GPS, Wi-Fi, and mobile networks.
  - **Battery saving:** Uses Wi-Fi and mobile networks (no GPS).
  - **Tablet only:** Uses GPS only.

5. Tap **Improve accuracy** to use other connections for determining your location:
  - **Wi-Fi scanning**: Allow apps and services to scan for Wi-Fi networks automatically, even when Wi-Fi is turned off.
  - **Bluetooth scanning**: Allow apps to scan for and connect to nearby devices automatically through Bluetooth, even when Bluetooth is turned off.


## Recent Location Requests

Apps that have requested your location are listed under Recent location requests.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Location**.
3. Tap **On/Off** to turn on Location services.
4. Tap an entry under **Recent location requests** to view the app's settings.

## Location Services


Location services store and use your device's most recent location data. Google apps, such as Google Maps, can use this data to improve your search results based on places that you have visited.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **Location**.
3. Tap an entry under **Location services**.

# Nearby Device Scanning


Scan for nearby devices to connect to and set them up easily. You receive a notification when there are available devices to connect to. This function uses Bluetooth Low Energy scanning even if Bluetooth is turned off on your device.

To enable nearby device scanning:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **More connection settings** > **Nearby device scanning**.
3. Tap **On/Off** to enable the feature.

# Printing

Print images and documents to Samsung printers and other compatible printers (not included).

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **More connection settings** > **Printing**.
3. Tap **Download plug-in**, and follow the prompts to add a print service.


# Virtual Private Networks

Set up and manage your Virtual Private Networks (VPNs). You must set a secured screen lock before setting up a VPN. For more information, see [“Set a Secure Screen Lock” on page 124](#).



## Set Up and Manage a VPN

Use the VPN settings menu to add, edit, or delete a VPN connection to your device.

To add a VPN:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **More connection settings** > **VPN**.
3. Tap **Add VPN** and follow the prompts to set up your VPN.


To edit or delete a VPN:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **More connection settings** > **VPN**.
3. Tap  **Settings** next to the VPN that you want to edit or delete.
4. Edit the VPN and tap **Save**.  
– or –  
Tap **Delete** to delete the VPN.


## Connect to or Disconnect from Your VPN

Once you have set up a VPN connection, connecting to and disconnecting from the VPN is easy.

To connect to a VPN:


1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **More connection settings** > **VPN**.
3. Tap the VPN, enter your log in information, and tap **Connect**.

To disconnect from a VPN:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **More connection settings** > **VPN**.
3. Tap the VPN, and then tap **Disconnect**.

## Ethernet

Configure an Ethernet connection with your device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Connections** > **More connection settings** > **Ethernet**, and follow the prompts.




# Sounds and Vibration

Configure the sounds and vibrations used to indicate notifications, screen touches, and other interactions.


# Sound Mode

You can switch between sound modes, while preserving the individual sound settings you have made.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Sounds and vibration** > **Sound mode**, and then choose a mode:
  - **Sound**: Use the sounds, vibrations, and volume levels you have chosen in Sound settings for notifications and alerts.
  - **Vibrate**: Vibrate for notifications and alerts. This uses the Vibration intensity you choose in Sound settings.
  - **Mute**: Mute all sounds and notifications.

# Easy Mute

Mute sounds and video by covering the screen or turning over the device.


1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Advanced features** > **Easy mute**, and tap **On/Off** to enable.

# Volume

Set the system volume level and default volume for notifications and other audio.


## Volume Keys for Media

Set the Volume key to control the media volume by default.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Sounds and vibration**
3. Tap **Use Volume keys for media** to enable this feature.



## Set the Volume

You can also set the volume from a Home screen by pressing the **Volume** key.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Sounds and vibration** > **Volume** and drag the sliders to set the default volume for:
  - Notifications
  - Media
  - System


## Media Volume Limiter

Limit the maximum output of the device's volume. You can also set a PIN to prevent unauthorized users from changing this setting.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Sounds and vibration** > **Volume**.
3. Tap  **More options** > **Media volume limiter**.
  - Tap **On/Off** to enable this feature.
    - When enabled, drag the **Custom volume limit** slider to set the maximum output volume.
  - Tap **Set volume limit PIN** to prevent changes to the volume setting.

# Notification Sounds

Choose a sound for notifications, such as for new messages and event reminders.


1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings > Sounds and vibration > Notification sounds** and configure the following options:
  - **Default notification sound:** Choose a default sound for all notifications.
  - **Messages notifications:** Choose a sound for message notifications.
  - **Calendar notifications:** Choose a sound for calendar notifications, and enable or disable vibration alert.

- **Email notifications:** Configure email account notifications.
  - An email account must be configured for this option to be available. For more information, see ["Add an Email Account" on page 9](#).

## Do Not Disturb

Use these options to determine which notifications can make sounds, and during which time periods you want to enter this mode.


To activate Do not disturb mode:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings > Sounds and vibration > Do not disturb** and configure the following:
  - **Turn on now:** Enable this option.
  - **Turn on as scheduled:** Configure **Days**, **Start time**, and **End time** to set up a do not disturb schedule.

- **Allow exceptions:** Customize which notifications are allowed while your device is in Do not disturb mode.
- **App rules:** Manage rules set by apps.
- **Hide visual notifications:** Select options for preventing visual notifications for apps silenced by Do not disturb.

## System Sounds


Set various other system sound options.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Sounds and vibration**, and tap to enable each option:
  - **Touch sounds:** Play tones when you touch or tap the screen to make selections.
  - **Screen lock sounds:** Play a sound when you unlock the screen.

- **Charging sound:** Play a sound when a charger is connected.

## Key-Tap Feedback


Play tones when the dialing keypad or the keyboard is tapped.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Sounds and vibration**, and then tap to enable the option:
  - **Keyboard sound:** Play a sound when the Samsung keyboard is tapped.

# Sound Quality and Effects

You can enable sound effects when connected to a headset. Sound effects are only available when headphones or a compatible Bluetooth headset (not included) is connected.

Choose from advanced sound options to customize your audio experience.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Sounds and vibration** > **Sound quality and effects**.
3. Tap **Equalizer** and choose a setting, or tap **Advanced** or **Basic** to customize your sound settings.


4. Tap **On/Off** to enable each option:
  - **Surround**: Recreate the effects of rich surround sound.
  - **Tube Amp Pro**: Simulate the soft timbre of a tube amplifier.
  - **Concert hall**: Simulate the reverb of a concert hall.
5. Tap **Adapt sound** and follow the prompts to customize your sound settings.

# Notifications

Select which apps you want to receive alerts from. Alerts include notifications, sounds, and vibrations.


# Block App Notifications

Block notifications for apps.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Notifications**.
3. Tap **On/Off** next to an app or **All apps** to enable or disable notifications.

## Customize App Notifications

Customize notification settings for each application individually.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Notifications**.
3. Tap an app, and select an option:
  - **Allow notifications:** Receive notifications from this app.

- **Show silently:** Do not make a sound or vibrate, and block previews in pop-ups.
- **On lock screen:** Show content from this app on the lock screen.
  - This option is only displayed when a lock screen is enabled. For more information, see [“Set a Secure Screen Lock” on page 124.](#)
- **Set as priority:** Allow notifications from this app to sound and turn on the screen while Do not disturb is turned on.




# Display

Configure your display's brightness, screen timeout delay, and other display settings.


# Screen Brightness

Adjust the screen brightness to suit your surroundings or personal preference. You may also want to adjust screen brightness to conserve battery power.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Display**.
3. Customize options under Brightness:
  - Drag **Brightness** slider to set a custom brightness level.
  - Tap **Outdoor mode** to increase the screen brightness for 15 minutes for greater visibility when outdoors.

# Screen Mode

Choose a screen mode to match your type of viewing.



1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Display** > **Screen mode** and choose a screen mode:
  - Tap **Adaptive display** if you want your device to automatically optimize the display to match the type of image displayed and other criteria, such as battery level.

– or –

Choose a specific type of screen mode based on what you are viewing.


# Screen Zoom and Font

You can set the screen zoom level and the font size and style.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Display** > **Screen zoom and font** for the following options:
  - Drag the **Screen zoom** slider to adjust the zoom level.
  - Drag the **Font size** slider to adjust the size of text.
  - Tap a font to select it, or tap  **Download fonts** to find new fonts from Galaxy Apps.
3. Tap **OK** to set the screen zoom and font.

# Home Screen


Manage your Home screen, use wallpapers, and add widgets.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Display** > **Home screen**.

For more information, see ["Customize Your Home Screen" on page 18](#).


# Icon Frames

You can show icons with shaded frames to make them stand out on the Home screen and Apps list screen.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Display** > **Icon frames** and choose one of the following options:
  - **Icons only**: Show icons only.
  - **Icons with frames**: Show icons with shaded frames.
3. Tap **Done**.


# Status Bar

Configure display options for the Status bar.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Display** > **Status bar**.
  - Tap **Show recent notifications only** to display only the three most recent notification icons on the Status bar.
  - Tap **Show battery percentage** to display the battery charge percentage next to the battery icon on the Status bar.





# Screen Timeout

Turn the screen off after a set amount of time.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Display** > **Screen timeout** and choose a time period.

# Screen Saver

Screen saver controls what is displayed on the screen when the device is docked (dock not included) or while charging. You can choose to display colors or photos.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Display** > **Screen saver**.
3. Tap **On/Off** to enable Screen saver.
4. Configure options:
  - **Colors:** Tap the selector to display a changing screen of colors.
  - **Photo table:** Display pictures in a photo table. Tap  **Settings** for options.
  - **Photo frame:** Display pictures in a photo frame. Tap  **Settings** for options.
  - **Photos:** Display pictures from your Google Photos account. Tap  **Settings** for options.
5. Tap **Preview** for a demonstration of Screen saver.

# Device Maintenance


View the status of your device's battery, storage, and memory. You can also automatically optimize your device's system resources.

# Quick Optimization

The quick optimization feature improves device performance through the following actions:


- Identifying apps that use excessive battery power and clearing unneeded items from memory.
- Deleting unnecessary files and closing apps running in the background.
- Scanning for malware.

To use the quick optimization feature:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Device maintenance**.
3. Tap **Optimize now**.

# Battery

View how battery power is used for device activities.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Device maintenance** > **Battery** for options:
  - **Battery usage:** View details of battery usage by item.
  - **Power saving mode:** Extend battery life by selecting a power saving mode level. Choose **Off**, **Mid**, or **Max**. Estimated remaining battery life for each mode is provided.
  - **App power monitor:** Put apps to sleep so that they do not use battery power when not in use. Tap **Save power** to enable.


- **Unmonitored apps:** Select apps to exclude from being put to sleep by the App power monitor.
- **Always sleeping apps:** Select apps that will be put to sleep immediately when they are not being used.
- **More options > Advanced settings:** Configure advanced battery settings and notifications.

## Storage


View the device memory and usage. Mount, unmount, or format an optional memory card (not included).

## Device Memory

View and manage the memory used by the device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings > Device maintenance > Storage**.

To increase available memory:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings > Device maintenance > Storage**.
3. Tap **Clean now** and follow the prompts.





## Memory Card (SD Card)

Once an optional memory card (not included) has been installed in your device, the card memory is displayed in the Storage setting.

For more information, see [“Install an Optional Memory Card” on page 6.](#)



## Mount a Memory Card

When you install an optional memory card, it is automatically mounted (connected to the device) and prepared for use. However, should you unmount the card without removing it from the device, you need to mount it before it can be accessed.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Device maintenance** > **Storage**.
3. Tap  **More options** > **Storage settings**.
4. Under **Portable storage**, tap your SD card, and then tap **Mount**.



## Remove a Memory Card

To prevent damage to information stored on the memory card, unmount the card before removing it from the device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Device maintenance** > **Storage**.
3. Tap  **More options** > **Storage settings**.
4. Under **Portable storage**, tap your SD card, and then tap **Unmount**.
5. Remove your memory card from the device.


## Format a Memory Card

When formatting an SD card, you should back up your music and photo files that are stored on the card because formatting the SD card deletes all the stored data.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Device maintenance** > **Storage**.
3. Tap  **More options** > **Storage settings**.
4. Under **Portable storage**, tap your SD card, tap **Format**, and then follow the prompts.

## Memory

Check the amount of available memory. You can close background apps and reduce the amount of memory you are using to speed up your device.




1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Device maintenance** > **Memory**.
  - The used and available memory are shown.
3. To free up as much memory as possible, tap **Clean now** and follow the prompts.
  - The selected apps and services in the list will be closed.

# Language and Input

Configure your device's language and input settings.


## Change the Device Language

You can add languages to your list and organize them according to preference. If an app does not support your default language then it will move to the next supported language in your list.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **General management** > **Language and input** > **Language**.
3. Tap  **Add language**, and select a language from the list.
4. Touch and hold  **Move** next to a language, and drag it to the top of the list to set it as the device language.
5. Tap **Done**.


## Default Keyboard

You can select a default keyboard for your device's menus and keyboards. Additional keyboards can be downloaded from the Google Play store.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **General management** > **Language and input**.
3. Tap **Default keyboard**, and select a keyboard.


## Manage On-Screen Keyboards

Enable or disable on-screen keyboards.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **General management** > **Language and input**.
3. Tap **On-screen keyboard** > **Manage keyboards**.
4. Tap each keyboard to enable or disable.



## Physical Keyboards

Customize options when you have a physical keyboard connected to your device (sold separately).

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **General management** > **Language and input**.
3. Tap **Physical keyboard**, and then choose an option:
  - **Show on-screen keyboard**: Show the on-screen keyboard while a physical keyboard is also being used.
  - **Keyboard shortcuts**: Show explanations of the keyboard shortcuts on the screen.

## Text-to-Speech Options


Configure your Text-to-Speech (TTS) options. TTS is used for various accessibility features, such as Voice Assistant.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **General management** > **Language and input** > **Text-to-speech** for options:
  - **Preferred TTS engine**: Choose either the Samsung or Google Text-to-speech engine. Tap  **Settings** next to each TTS engine for options.
  - **Speech rate**: Set the speed at which the text is spoken.
  - **Pitch**: Set the pitch of the speech.
  - **Reset speech rate**: Reset the speech rate.
  - **Reset pitch**: Reset the speech pitch.

- **Listen to an example:** Tap to play a short demonstration of speech synthesis.
- **Default language status:** Display the default language in use.


## Pointer Speed

Configure pointer speed for an optional mouse or trackpad (not included).

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **General management** > **Language and input**.
3. Under **Pointer speed**, drag the slider to the right to go faster or to the left to go slower.


## Date and Time

By default, your device receives date and time information from the wireless network. When you are outside network coverage, you can set date and time information manually using the date and time settings.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **General management** > **Date and time**. The following options are available:
  - **Automatic date and time:** Receive date and time updates from the wireless network. When Automatic date and time is disabled, the following options are available:
    - **Set date:** Enter the current date.
    - **Set time:** Enter the current time.
    - **Select time zone:** Choose your local time zone.
  - **Use 24-hour format:** Set the format for displaying time.

# Marketing Information

Turn this option on to receive special offers, membership benefits, and newsletters via email and push notification.


1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **General management** > **Marketing information**.
3. Tap **OK** to agree to receive marketing information.

## Reset

Reset device and network settings. You can also reset your device to its factory defaults.


### Reset Settings

You can reset your device to its factory default settings, which resets everything except the security, language, and account settings. Personal data is not affected.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **General management** > **Reset** > **Reset settings**.
3. Tap **Reset settings**, and confirm when prompted.

### Reset Network Settings

You can reset Wi-Fi, Mobile data, and Bluetooth settings with Reset network settings.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **General management** > **Reset** > **Reset network settings**.
3. Tap **Reset settings**, and confirm when prompted.

# Factory Data Reset


You can reset your device to factory defaults, erasing all data from your device.

This action permanently erases ALL data from the device, including Google or other account settings, system and application data and settings, downloaded applications, as well as your music, photos, videos, and other files. Any data stored on an external SD card is not affected.

Before resetting your device:

1. Verify that the information you want to keep has transferred to your storage area.
2. Log in to your Google Account and confirm your user name and password.

To reset your device:


1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **General management** > **Reset** > **Factory data reset**.
3. Tap **Reset** and follow the prompts to perform the reset.
4. When the device restarts, follow the prompts to set up your device.

## Factory Reset Protection

When you sign in to a Google Account on your device, Factory Reset Protection is activated. Factory Reset Protection (FRP) prevents other people from using your device if it is reset to factory settings without your permission. For example, if your device is lost or stolen and a factory data reset is performed, only someone with your Google Account username and password can use the device.


## Auto Restart

Optimize your device by restarting it automatically at set times. Any unsaved data is lost when the device restarts.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **General management** > **Reset** > **Auto restart**.
3. Tap **On/Off** to activate Auto restart, and then set the following parameters:
  - **Time**: Set the time of day to restart your device.
  - **Day**: Select the day of the week to automatically restart your device.

## Software Update

Check for and install available software updates for your device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Software update** for the following options:
  - **Download updates manually**: Check for software updates.
  - **Scheduled software updates**: Resume an update that was interrupted.



# Lock Screen and Security

Secure your device and protect your data  
with Lock Screen and Security settings.


# Screen Lock Types

The various Screen lock types offer high, medium, or no security. Choose from the following: Swipe, Pattern, PIN, Password, and None.

## Set a Secure Screen Lock

It is recommended that you secure your device using a secure screen lock (Pattern, PIN, or Password).

To:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Lock screen and security** > **Screen lock type** and tap a secure screen lock (**Pattern**, **PIN**, or **Password**).

3. Tap **On/Off** to enable showing notifications on the lock screen. The following options are available:

- **Hide content:** Enable to hide the content of notifications.
- **Notification icons only:** Enable to hide notification details and show only the icon.


4. Tap **Done** when finished.

5. Configure the following screen lock options:

- **Smart Lock:** Unlock your device automatically when trusted locations or other devices have been detected. A secure screen lock is required for this feature.
- **Secure lock settings:** Customize your secure lock settings. A secure screen lock is required for this feature.


# Lock Screen Settings

Configure display settings for the Lock screen.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Lock screen and security** for options:
  - **Information and FaceWidgets:** Set a roaming clock, FaceWidgets, or Contact information to display on the Lock screen.
  - **Notifications:** Select which notifications to display on the Lock screen.
  - **App shortcuts:** Select which apps to open from the Lock screen.

# Find My Mobile


Protect your device from loss or theft allowing your device to be locked, tracked, and for your data to be deleted remotely. You must sign up for a Samsung account and enable Google location service to use Find My Mobile.

- ▶ To access your device remotely, visit [findmymobile.samsung.com](https://findmymobile.samsung.com).
1. From a Home screen, swipe up to access **Apps**.
  2. Tap  **Settings** > **Lock screen and security** > **Find My Mobile**.
  3. Enter your Samsung account password or, if you are not logged in to your Samsung account, tap **Add account** and follow the prompts. The following options are available:
    - **Remote controls:** Activate or deactivate Remote controls, which allows you to access your device remotely.

- **Google location service:** Activate or deactivate Google location service. This service must be on in order to find your device.
- **Send last location:** Allow your tablet to send its last location to the Find My Mobile server before it is turned off.

## Unknown Sources


Enable installation of non-Google Play applications.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Lock screen and security** > **Unknown sources** to enable this option.

## Private Mode

Hide personal content from being accessed by anyone else using your device. Private mode is only available for certain applications.


**Note:** A secure screen lock (Pattern, PIN, Password, or Fingerprints) is required to use Private mode.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Lock screen and security** > **Private mode**.
3. Tap **On/Off** to enable Private mode.

Follow the prompts to learn about and set up Private mode.


# Encrypt Device

Protect your device by encrypting its data.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Lock screen and security** > **Encrypt device**.
3. Tap **Encrypt device** and follow the prompts to encrypt all data on your device.


# Encrypt SD Card

Protect your SD card by encrypting its data.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Lock screen and security** > **Encrypt SD card**.
3. Tap **Encrypt SD card** and follow the prompts to encrypt all data on your memory card.


# Set Up SIM Card Lock

Require your SIM card PIN to unlock and use your SIM card.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Lock screen and security** > **Other security settings** > **Set up SIM card lock** and follow the prompts.
3. Tap **Lock SIM card** to enable the feature.
4. Tap **Change SIM card PIN** to create a new PIN.


# View Passwords

Display password characters briefly as you type them.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Lock screen and security** > **Other security settings** > **Make passwords visible** to turn the feature on.


# Security Update Service

Automatically receive security updates.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Lock screen and security** > **Other security settings** for the following Security update service options:
  - **Security policy updates:** Automatically or manually check for security policy updates.
    - Automatic updates can also be limited to only when your device is connected to a Wi-Fi network.
  - **Send security reports:** Use Wi-Fi to send security reports to Samsung for threat analysis.


# Device Administration

Manage your device administrators and application installation privileges.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Lock screen and security** > **Other security settings** > **Device administrators**.
3. Tap an option to enable it as a device administrator.


# Credential Storage

Manage your security certificates. If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Lock screen and security** > **Other security settings** for the following options:
  - **Storage type:** Select a storage location for credential contents.
  - **View security certificates:** Display certificates in your device's ROM and other certificates you have installed.
  - **User certificates:** View user certificates.
  - **Install from device storage:** Install a new certificate from storage.
  - **Clear credentials:** Erase the credential contents from the device and reset the password.


# Knox Active Protection

Protect your device from cyber attacks.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Lock screen and security** > **Other security settings** > **Knox active protection**.

# Advanced Security Settings

Use these options to configure advanced security settings.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Lock screen and security** > **Other security settings** for the following advanced options:

- **Trust agents:** Perform selected actions when trusted devices are connected.
  - This option is only displayed when a lock screen is enabled. For more information, see [“Set a Secure Screen Lock” on page 124](#).
- **Pin windows:** Pin an app on your device screen, preventing access to other features of your device.

- **Usage data access:** View the applications that can access your device’s usage history.
- **Notification access:** View the applications that can access notifications you receive on your device.
- **Do not disturb permission:** View which apps have permission to change the Do not disturb settings.





# Accounts

Set up and manage accounts, including your Google Account, Samsung account, email, and social networking accounts.

# Samsung Cloud

Keep your data safe by backing up and restoring your device. You can also sync your data from multiple devices.


1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Cloud and accounts** > **Samsung Cloud**.
  - If a Samsung account has not been added, follow the prompts to add one.
3. Once a Samsung account is configured, the following options are available:
  - **Manage cloud storage**: View how much cloud storage your data is using.
  - **Backup settings**: Configure backup for supported apps using your Samsung Cloud account.
  - **Restore**: Download any stored backup information to your device.

- **Data to sync**: Tap the following items to enable or disable syncing:
  - **Contacts (Samsung account)**: Sync contact info.
  - **Calendar (Samsung account)**: Sync your events and tasks.
  - **Memo**: Sync your voice memos, images, and tasks.
  - **Samsung Internet**: Sync bookmarks, saved pages, and opened tabs from your browser.
  - **Keyboard data**: Sync predictive text data.
  - **Gallery**: Sync your images and videos.
-  **More options**:
  - **Sync now**: Sync all selected settings for your Samsung account.
  - **Sync information**: Read more information on what can be synced with your Samsung Cloud account.

- **Settings:** Configure Sync, notifications, or remove your Samsung account.
- **FAQ:** Launch the Samsung help web site to view additional information based on frequently asked questions.
- **Contact us:** Contact Samsung.



## My Profile

Manage your personal information and Samsung account details.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings > Cloud and accounts > My Profile**.
  - If a Samsung account has not been added, follow the prompts to add one.



## Add an Account

You can add and manage all your email, social networking, and picture and video sharing accounts.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings > Cloud and accounts > Accounts >  Add account**.
3. Tap one of the account types.
4. Follow the prompts to enter your credentials and set up the account.

## Synchronize Accounts


You can synchronize your calendar, contacts, and other types of accounts.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Cloud and accounts** > **Accounts** > **[Account type]**.
3. Tap an account to view the sync settings for that account.
4. Tap individual data items to sync.
5. Tap  **More options** > **Sync now** to synchronize the account.

## Account Settings



Each account has its own set of settings. In addition, you can configure common settings for all accounts of the same type.

Account settings and available features vary between account types and service providers. Contact your service provider for more information on your account's settings.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Cloud and accounts** > **Accounts** > **[Account type]**.
3. Tap an account to configure that account's sync settings.
4. Tap other available options for the account type.

## Remove an Account

You can remove accounts from your device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Cloud and accounts** > **Accounts** > [Account type].
3. Tap the account and then tap  **More options** > **Remove account**.

## Users



Share this tablet with multiple people by creating User accounts.

Users have their own space, which they can customize with their own apps, wallpaper, and settings. Users can also adjust tablet settings that affect everyone, such as Wi-Fi.

Restricted profiles allow only limited access to apps and content.


## Set Up User Profiles

Set up user profiles and then select one when unlocking the device to use personalized settings.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Cloud and accounts** > **Users**.
3. Tap  **Add user or profile** and follow the prompts to set up a new user or profile.

## Switch User Profiles

To access the device with a user profile:

- From a Lock screen, tap  **Manage users** for the user or profile.




## Change User Account Nicknames and Photo IDs

The photo and name each user uses in their personal Contact entry (listed under **My profile** at the top of their Contacts list) is used as their User ID and name.

To change their ID photo and name, each user can edit their personal Contact entry. For more information, see [“Edit a Contact” on page 46.](#)

## Delete a User or Profile

To delete a user or profile:

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Cloud and accounts** > **Users**.
3. For a restricted account, tap  **Settings** next to the user profile.
4. Tap  **Delete**, and then confirm when prompted.


**Note:** Only the device owner can delete other users or profiles. Deleting a user's profile removes the user account from the device entirely. This includes the user's Google Account, Samsung account, and any other local accounts associated with the user.

# Backup and Restore

Back up your data to your Samsung or Google Accounts.


## Samsung Account

Enable backup of your information to your Samsung account.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings > Cloud and accounts > Backup and restore** for options:
  - **Backup settings:** Configure your Samsung account to back up your data.
  - **Restore:** Use your Samsung account to restore your backup data.


## Google Account

Enable backup of your information to your Google Account.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings > Cloud and accounts > Backup and restore** for options:
  - **Back up my data:** Enable back up of application data, Wi-Fi passwords, and other settings to Google servers.
  - **Backup account:** Select a Google Account to be used as your backup account.
  - **Automatic restore:** Enable automatic restoration of settings from Google servers. When enabled, backed-up settings are restored when you reinstall an application.

# Google Settings

Configure your device's Google settings. Available options depend on your Google Account.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Google**, and select an option to customize.




# Accessibility

Accessibility services are special features that make using the device easier for those with certain physical disabilities.

For more information about Accessibility for Samsung products, please contact us at [accessibility@sea.samsung.com](mailto:accessibility@sea.samsung.com).

# Vision

You can turn on Accessibility features to assist with visual aspects of the device.


1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Accessibility** > **Vision**, and tap an option:
  - **Voice Assistant:** Give spoken feedback to assist blind and low-vision users.
    - Voice Assistant can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.
  - **Voice Assistant help:** View help on using Voice Assistant.
  - **Dark screen:** Keep the screen turned off at all times for privacy.

- **Rapid key input:** Release your finger to enter selection instead of double tapping.
- **Speak passwords:** Read the characters aloud as you enter your passwords.
- **Accessibility shortcut:** Quickly enable accessibility features in two quick steps.
- **Screen zoom and font:** Configure the screen zoom level and font size and style.
- **High contrast fonts:** Adjust the color and outline of fonts to increase the contrast with the background.
- **High contrast keyboard:** Adjust the size of the Samsung keyboard and change its colors to increase the contrast between the keys and the background.
- **Show button shapes:** Show buttons with shaded backgrounds to make them stand out.

- **Magnifier window:** Magnify content shown on the screen.
- **Magnification gestures:** Use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Large mouse/touchpad pointer:** Enable a large pointer for a connected mouse or touchpad.
- **Grayscale:** Enable grayscale mode instead of using colors.
- **Negative colors:** Reverse the display of colors from white text on a black background to black text on a white background.
- **Color adjustment:** Adjust the color of the screen if you are color blind or have difficulty reading the display because of the screen color.


## Hearing

You can turn on Accessibility features to assist with audio aspects of the device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Accessibility** > **Hearing**, and tap an option:
  - **Mute all sounds:** Turn off all notifications and audio for privacy.
  - **Samsung subtitles (CC):** Use Samsung subtitles with multimedia files when available.
  - **Google subtitles (CC):** Use Google subtitles with multimedia files when available.
  - **Left/right sound balance:** Use the slider to set the left and right balance when using a stereo device.
  - **Mono audio:** Switch audio from stereo to mono for use with one earphone.

# Dexterity and Interaction


You can turn on Accessibility features to assist with dexterity and interaction aspects of the device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Accessibility** > **Dexterity and interaction**, and tap an option:
  - **Universal switch:** Control your device with your customized switches.
  - **Assistant menu:** Improve the device accessibility for users with reduced dexterity.
  - **Press and hold delay:** Select a time interval for this action.

- **Click after pointer stops:** Automatically click on an item after the pointer stops over it.
- **Interaction control:** Customize interactable or non-interactable areas, hardkeys, and the keyboard.

## More Accessibility Settings


Customize additional accessibility features for your device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Accessibility**, and tap an option:
  - **Text-to-speech:** Set your preferred TTS engine and options. For more information, see ["Text-to-Speech Options" on page 118.](#)
  - **Direction lock:** Unlock the screen by swiping in a series of directions.

- **Direct access:** Open your accessibility settings by pressing the **Volume up** key and the **Power** key together.
- **Notification reminder:** Beep at set intervals to remind you of any unread notifications.
- **Single tap mode:** Dismiss or snooze alarms and calendar events.
- **Accessibility settings backup:** Import and export your accessibility settings, or share them with other devices.

## Accessibility Services

Additional accessibility apps may be downloaded from the Google Play store.


1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Accessibility**.
3. Other installed accessibility services may be listed and configured under **Services**.

# Other Settings

Configure features on your device that make it easier to use.


# About Tablet

View information about your device, including current status, legal information, hardware and software versions, and more.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **About tablet**, and then tap items for more details:
  - **My phone number**: View your phone number.
  - **Status**: View the status of the battery, network, and other information about your device.
  - **Legal information**: View legal notices and other legal information, including your embedded Samsung legal information.
  - **Device name**: View and change your device's name.
  - Additional device information includes the Model number, Android version, Build number, and more.

# Help

View your user manual on your device.

1. From a Home screen, swipe up to access **Apps**.
2. Tap  **Settings** > **Help**.
3. Tap **Sort by** to sort the topics by category or alphabetically.
4. Tap **Search** to search for a topic.

# Getting Help

Additional resources  
for your device.



# Videos

[samsung.com/spsn](https://samsung.com/spsn)

# Simulators

[samsungsimulator.com](https://samsungsimulator.com)

# Tips

[samsung.com/us/support/tips/galaxy](https://samsung.com/us/support/tips/galaxy)

# Samsung Care

[samsung.com/us/support](https://samsung.com/us/support)

# Legal

View legal information  
for your device.

# Legal Information

**READ THIS INFORMATION BEFORE USING YOUR MOBILE DEVICE.**

**Arbitration Agreement - This Product is subject to a binding arbitration agreement between you and SAMSUNG ELECTRONICS AMERICA, INC. (“Samsung”). You can opt out of the agreement within 30 calendar days of the first consumer purchase by emailing [optout@sea.samsung.com](mailto:optout@sea.samsung.com) or calling 1-800-SAMSUNG (726-7864) and providing the applicable information. For complete terms and conditions that bind you and Samsung, refer to the “Arbitration Agreement” section of the Terms & Conditions, included with the Product.**

## Find Legal Information Online

The full Arbitration Agreement, Standard Limited Warranty, End User License Agreement (EULA), and Health & Safety Information for your device are available online:

Arbitration Agreement, Standard Limited Warranty, and Health & Safety Information:

Phone:

- English: [samsung.com/us/Legal/Phone-HSGuide](https://samsung.com/us/Legal/Phone-HSGuide)
- Spanish: [samsung.com/us/Legal/Phone-HSGuide-SP](https://samsung.com/us/Legal/Phone-HSGuide-SP)

Tablet:

- English: [samsung.com/us/Legal/Tablet-HSGuide](https://samsung.com/us/Legal/Tablet-HSGuide)
- Spanish: [samsung.com/us/Legal/Tablet-HSGuide-SP](https://samsung.com/us/Legal/Tablet-HSGuide-SP)

End User License Agreement:

- English: [samsung.com/us/Legal/SamsungLegal-EULA4](https://samsung.com/us/Legal/SamsungLegal-EULA4)
- Spanish: [samsung.com/us/Legal/SamsungLegal-EULA4/#SPANISH](https://samsung.com/us/Legal/SamsungLegal-EULA4/#SPANISH)

## Find Legal Information on the Mobile Device

The full Arbitration Agreement, Standard Limited Warranty, End User License Agreement (EULA) and Health & Safety Information are also available on the device, in the Samsung legal section of Settings. The location depends on the device, and is usually in the “About device” or “About phone” section, for example:

- **Settings > About phone** or **About device** or **About tablet > Legal information > Samsung legal**
- Or, use the Search feature to search for “Legal”.

## Intellectual Property

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- merchantability of the product or its fitness for any particular purpose or use;
- design, condition or quality of the product;
- performance of the product;
- workmanship of the product or the components contained therein; or
- compliance of the product with the requirements of any law, rule, specification or contract pertaining thereto.

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## Modification of Software

Samsung is not liable for performance issues or incompatibilities caused by your editing of registry settings, or your modification of Operating System (OS) software.

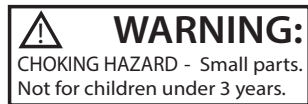
Using custom OS software may cause your device and applications to work improperly. Your carrier may not permit users to download certain software, such as custom OS.

## Samsung Knox

Samsung Knox is Samsung's security platform and is a mark for a Samsung device tested for security with enterprise use in mind. Additional licensing fee may be required. For more information about Knox, please refer to: [samsung.com/us/knox](https://samsung.com/us/knox)

## Restricting Children's Access to Your Mobile Device

Your mobile device is not a toy. Do not allow children under the age of 3 to play with it because they could hurt themselves or others or damage the device. If parents choose to allow children 3 or older to use the device, they should make sure that there is adequate supervision of children while using the device to guard against damage to the device and use of services that may increase wireless or other charges.



Parental control settings should be enabled to ensure that children do not have access to services or content not approved by the parent. Routinely check this device to ensure it is working properly and is safe for children to use.

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Internet: [samsung.com](http://samsung.com)

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Some multimedia (audio/video) files contain Digital Rights Management (DRM) technology to verify you have the right to use the files. Preloaded apps on your device may not be compatible with DRM-protected files.

Screen images are simulated. Appearance of device may vary.

The actual available capacity of the internal memory is less than the specified capacity because the operating system and default applications occupy part of the memory. The available capacity may change when you upgrade the device.

Please check with your service provider to verify qualifying services/features.