# Getting started

## Galaxy S10e

## Assemble your device

Your device uses a nano-SIM card. A SIM card may be preinstalled or you may be able to use your previous SIM card. Contact your carrier for more details.

**NOTE** Your device is IP68 rated for dust and water resistance. To maintain the water-resistant and dust-resistant features of your device, make sure that the SIM card/Memory card tray openings are maintained free of dust and water, and the tray is securely inserted prior to any exposure to liquids. For more information, see Maintaining water and dust resistance on page 155.

**Charge the battery**

Your device is powered by a rechargeable battery. A charger (charging head and USB Type-C cable) is included with the device for charging the battery from a power outlet.

**NOTE** Use only charging devices and batteries (if applicable) that are approved by Samsung. Samsung charging devices and batteries are designed for your device to maximize battery life. Using other charging devices and batteries may void your warranty and may cause damage.

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

**TIP** Disconnect the charger from the device and wait for the device to cool down.

**Wireless PowerShare**

Wirelessly charge your compatible Samsung devices using your phone. Some features are not available while sharing power.

1. From Quick Settings, tap Wireless PowerShare to enable the feature.
2. With the phone face down, place the compatible device on the back of the phone to charge. A notification sound or vibration occurs when charging begins.

**NOTE** Wireless PowerShare works with most Qi-Certified devices. Requires minimum 30% battery to share. Speed and power efficiency of charge varies by device. May not work with some accessories, covers, or other manufacturer's devices. If you have trouble connecting or charging is slow, remove any cover from each device. May affect call reception or data services, depending on your network environment.

For best results when using Wireless PowerShare, please note:

- Remove any accessories or cover before using the feature. Depending on the type of accessory or cover, Wireless PowerShare may not work properly.

- The location of the wireless charging coil may vary by device, so you may need to adjust the placement to make a connection. When charging starts, a notification or vibration will occur, so the notification will help you know you've made a connection.
- Call reception or data services may be affected, depending on your network environment.
- Charging speed or efficiency can vary depending on device condition or surrounding environment.
- Do not use headphones.

**Accessories**

Supported accessories for your device that are purchased separately, like a fast wireless charger or case with a cover, can be configured through Settings.

- From Settings, tap Advanced features > Accessories.

## Start using your device

Use the Power key to turn your device on or off. Do not use the device if the body is cracked or broken. Use the device only after it has been repaired.

◌ Press and hold the Power key.

- To turn the device off, press and hold the Power key, and tap Power off. Confirm when prompted.
- To restart your device, press and hold the Power key, and tap Restart.

**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.

**Transfer data from an old device**

Use Smart Switch™ to transfer contacts, photos, music, videos, messages, notes, calendars, and more from your old device. Smart Switch can transfer your data via USB cable, Wi-Fi, or computer. You can also use the included On-the-Go adapter to transfer content quickly and easily from your old device without installing the Smart Switch app.

Visit samsung/us/support/owners/app/smart-switch to learn more.

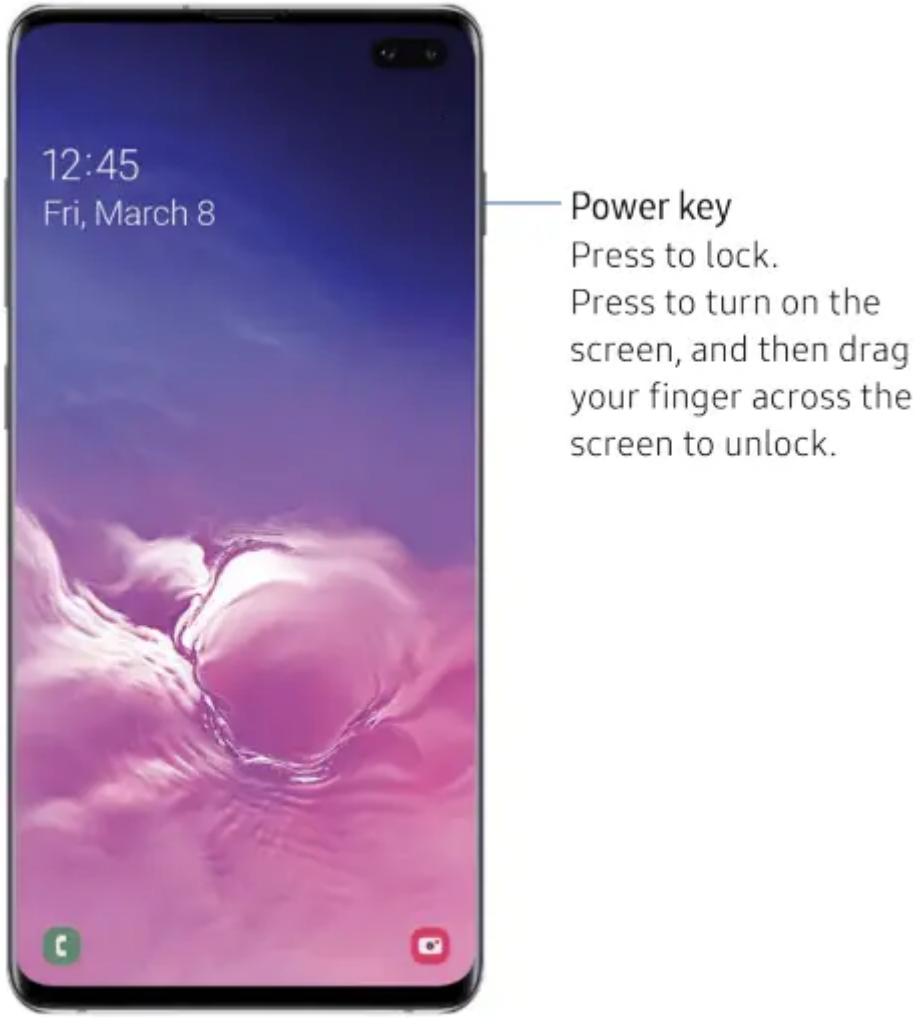
1. From Settings, tap Accounts and backup > Smart Switch.
2. Follow the prompts and select the content to transfer.

**NOTE** The USB option must be set to Media device (MTP) on the other device. Transferring content with a USB cable may increase battery consumption. Make sure your battery is fully charged.

Visit samsung/smartswitch for more information and to learn how to use the On-the-Go adapter to transfer content faster.

**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. For more information about screen locks, see Lock screen and security on page 133.




**Accounts**

Set up and manage your email accounts, your Google™ Account, and Samsung account.

**TIP** Accounts may support email, calendars, contacts, and other features. See your carrier for more information.

Add a Google Account

Sign in to your Google Account to access your Google cloud storage, apps installed from your account, and make full use of your device's Android™ features.

1. From Settings, tap Accounts and backup > Accounts.
2. 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 reset protection on page 132.

Add a Samsung account

Sign in to your Samsung account to access exclusive Samsung content and make full use of Samsung apps.

1. From Settings, tap Accounts and backup > Accounts.
2. Tap Add account > Samsung account.

**TIP** To quickly access your Samsung account, from Settings tap Samsung account.

Add an email account

Sign in to one or more of your email accounts to view and manage email messages.

◌ From Settings, tap Accounts and backup > Accounts, and then tap Add account > Email.

**Set up voicemail**

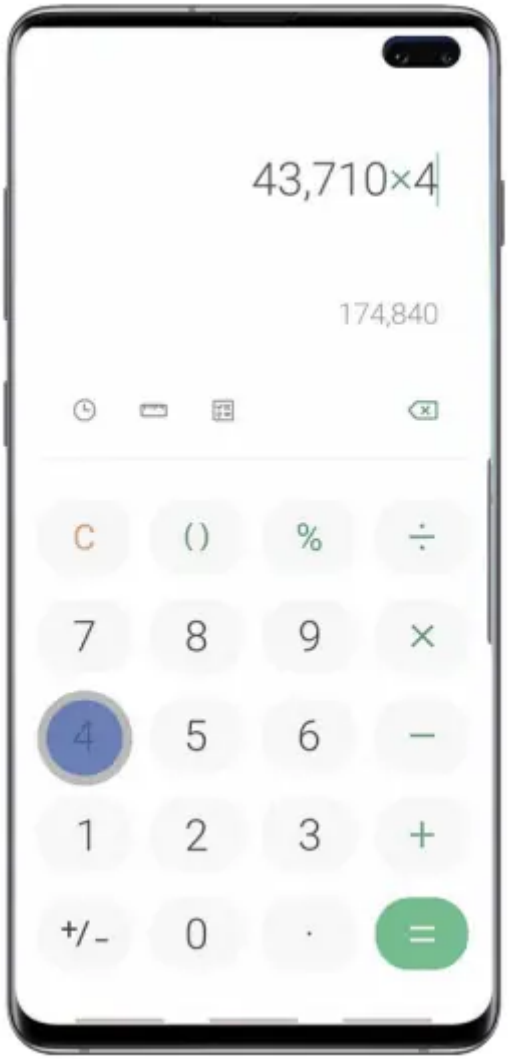
You can set up your voicemail service when you access it for the first time. You can access voicemail through the Phone app.

1. From Phone, tap Voicemail.
2. Follow the tutorial to create a password, record a greeting, and record your name.

**Navigation**

A touch screen 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 touch screen may damage the tempered glass surface and void the warranty.

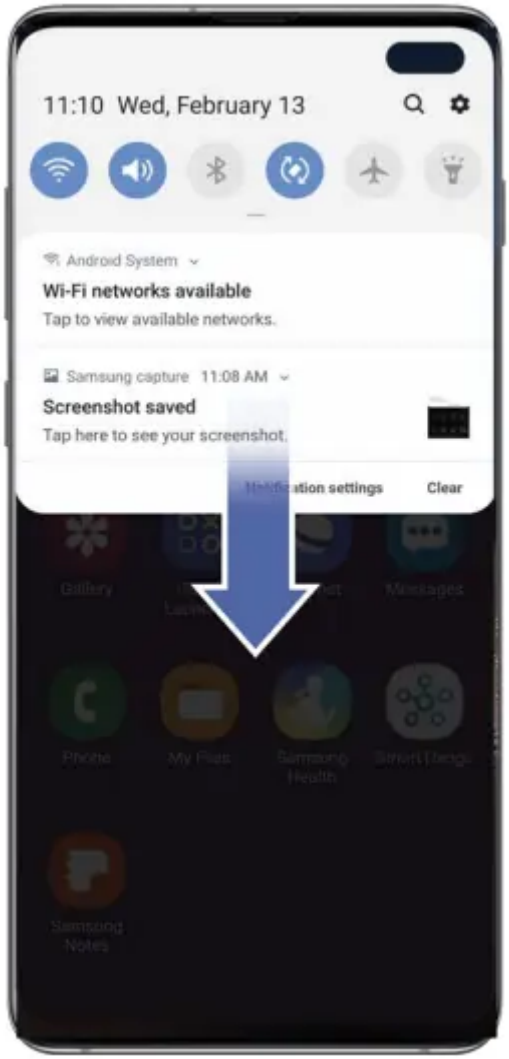
Tap




Lightly touch items to select or launch them.

- Tap an item to select it.
- Double-tap an image to zoom in or out.

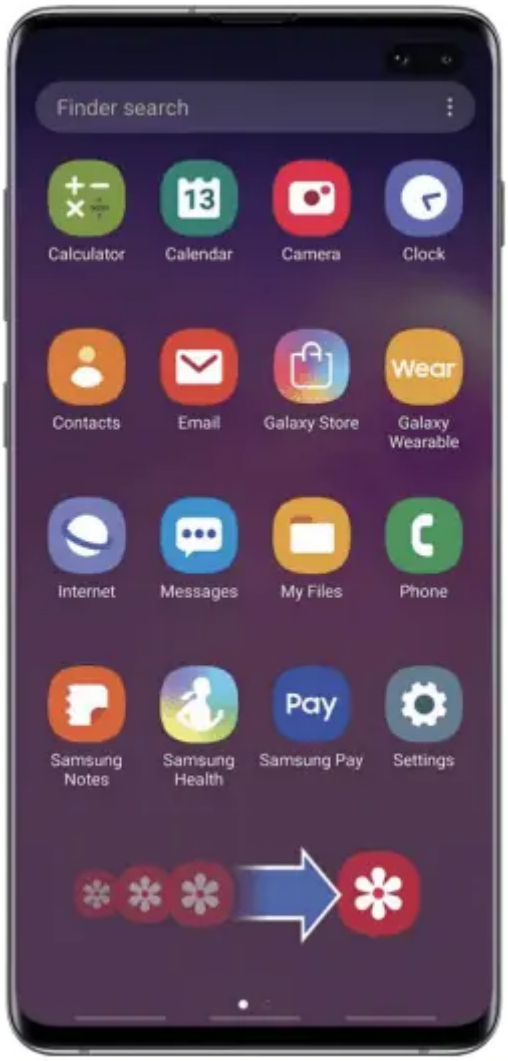
Swipe




Lightly drag your finger across the screen.

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

<u>Drag and drop</u>




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.

Zoom in and out

Bring your thumb and forefinger together or apart to zoom in and out.

- Bring your thumb and forefinger together on the screen to zoom out.
- Move your thumb and forefinger apart on the screen to zoom in.

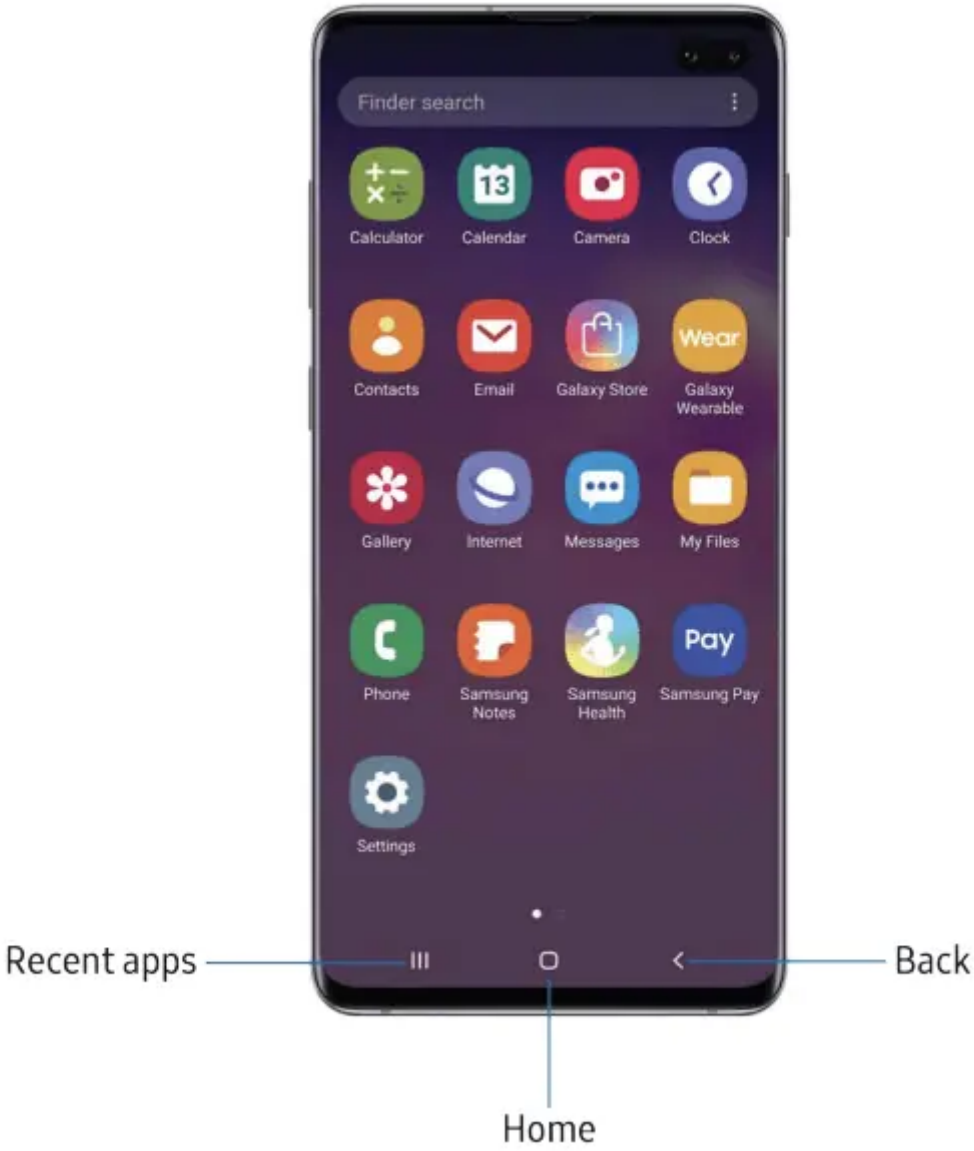
Touch and hold

Touch and hold items to activate them.

- Touch and hold a field to display a pop-up menu of options.
- Touch and hold a Home screen to customize the Home screen.

**Navigation bar**

The Navigation bar, at the bottom of the screen, displays the navigation keys.




Navigation gestures

To make more space on the screen, you can hide the navigation keys, and instead use gestures to navigate the device. Simply swipe up on the screen where the navigation buttons normally are to navigate the device.

- From Settings, tap Display > Navigation bar > Full screen gestures.
    - Tap Gesture hints to display lines at the bottom of the screen where gestures must be done for each navigation button.

**TIP** You can also quickly switch between navigation gestures and navigation buttons using the Quick settings menu.

Button order

Personalize your device by changing where the Recent apps and Back buttons display on the Navigation bar.

- From Settings, tap Display > Navigation bar, and tap an option under Button order.

**Customize your home screen**

The Home screen is the starting point for navigating your device. You can place your favorite apps and widgets here. You can set up additional Home screens, remove screens, change the order of screens, and choose a main Home screen.

App icons

You can use app icons to launch an app from any Home screen.

◌ From Apps, touch and hold an app icon, and tap Add to Home.

To remove an icon:

◌ Touch and hold an app icon, and tap Remove from Home.

**NOTE** Removing an icon does not delete the app, it just removes the icon from a Home screen.

Use folders

Organize App shortcuts in folders on an Apps screen or Home screen.

For more information, see Create and use folders on page 48.

Wallpapers

You can change the look of the Home and Lock screens by choosing a favorite picture or preloaded wallpaper.

1. From a Home screen, touch and hold the screen.
2. Tap Wallpapers.
3. Tap View all to see all available wallpapers.
4. Tap an image to choose it.

- Tap the screen or screens to which you want to apply the wallpaper.

5. Tap Set as wallpaper, and confirm when prompted.

Themes

Set a theme to be applied to your Home and Lock screens, wallpapers, and app icons.

1. From a Home screen, touch and hold the screen.
2. Tap Themes to customize.

3. Tap View all to see downloaded themes.
4. Tap a theme to preview and download it to My themes.
5. Tap a theme, and then tap Apply to apply the selected theme.

Icons

Apply different icon sets to replace the default icons.

1. From a Home screen, touch and hold the screen.
2. Tap Wallpapers > Icons to customize.
3. Tap View all to see downloaded icons.
4. Tap an icon set to preview and download it to My icons.
5. Tap an icon, and then tap Apply to apply the selected icon set.

Widgets

Add widgets to your home screens for quick access to info or apps.

1. From a Home screen, touch and hold the screen.
2. Tap Widgets, and then touch and hold a widget, drag it to a Home screen, and release it.

Customize Widgets

Once you have added a widget, you can customize where it's located and how it functions.

- From a Home screen, touch and hold a widget, and tap an option:
  - Remove from Home: Delete a widget from your screen.
  - Widget settings: Customize the function or appearance of the widget.
  - App info: Review the widget usage, permissions and more.

Home screen settings

Customize your Home and Apps screens.

1. From a Home screen, touch and hold the screen.
2. Tap Home screen settings to customize:

- Home screen layout: Set your device to have separate Home and Apps screens, or only a Home screen where all apps are located.
- Home screen grid: Choose a layout to determine how icons are arranged on the Home screen.

- Apps screen grid: Choose a layout to determine how icons are arranged on the Apps screen.
- Apps button: Add a button to the Home screen for easy access to the Apps screen.
- App icon badges: Enable to show badges on apps with active notifications. You can also choose the badge style.
- Lock Home screen layout: Prevent items on the Home screen from being removed or repositioned.
- Add apps to Home screen: Automatically add newly-downloaded apps to the Home screen.
- Quick-open notification panel: Enable this feature to open the Notification panel by swiping down anywhere on the Home screen.
- Rotate to landscape mode: Rotate the Home screen automatically when your device's orientation is changed from portrait to landscape.
- Hide apps: Choose apps to hide from the Home and App screens. Return to this screen to restore hidden apps. Hidden apps are still installed and can appear as results in Finder searches.
- About Home screen: View version information.

Easy mode

The Easy mode layout has larger text and icons, making for a more straightforward visual experience. Switch between the default screen layout and a simpler layout.

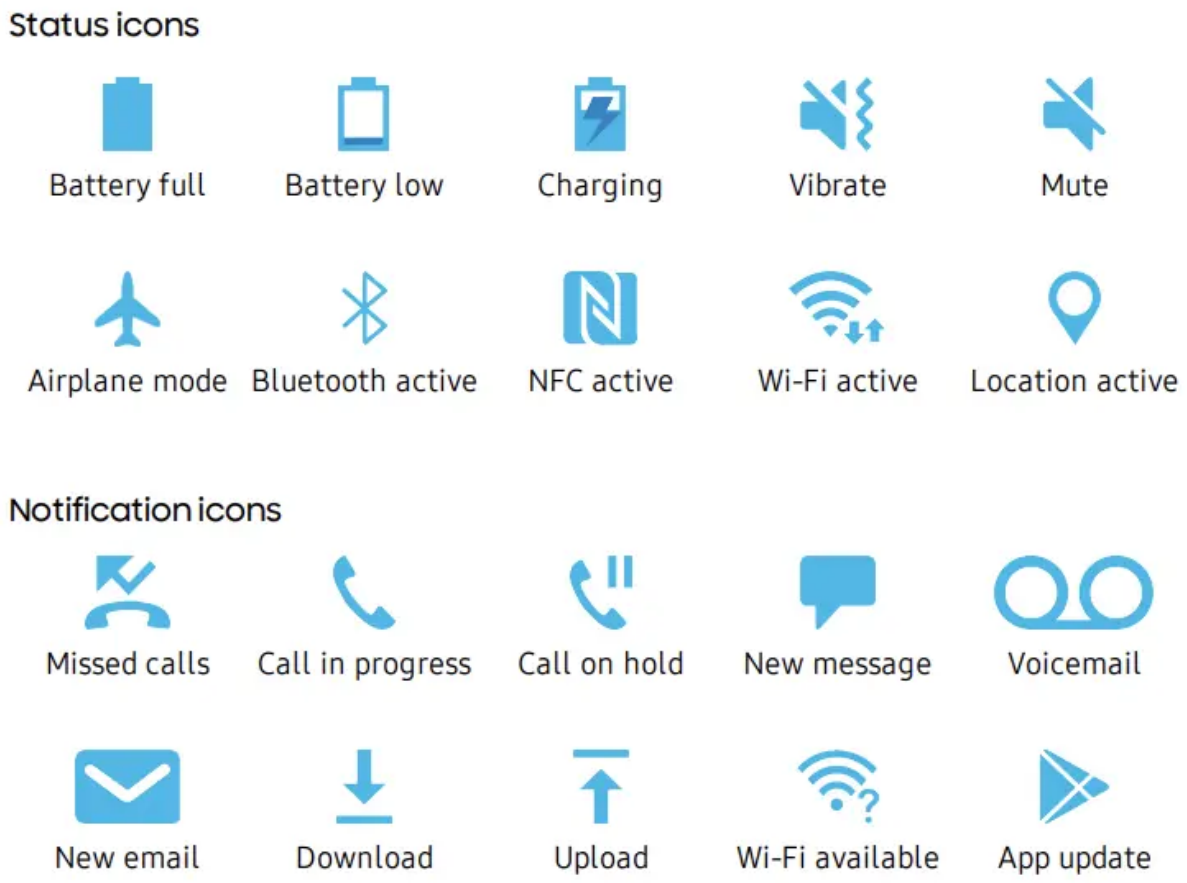
1. From Settings, tap Display > Easy mode.
2. Tap Easy mode to enable this feature.
3. Tap Apply to confirm.

To disable Easy mode:

1. From Settings, tap Display > Easy mode > Standard mode.
2. Tap Apply to exit Easy mode.

Status bar

The Status bar provides device information on the right side and notification alerts on the left.

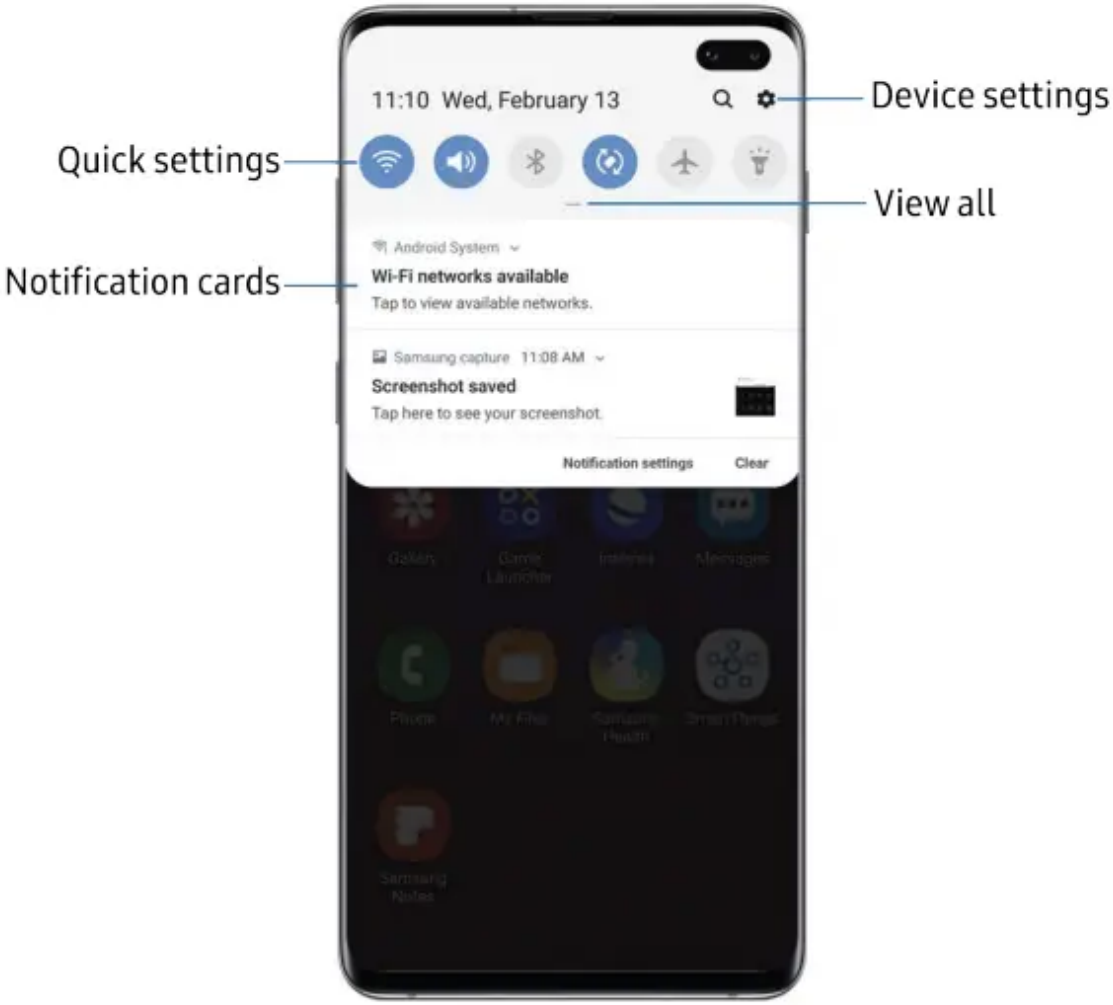



Configure display options for the Status bar.

- From Quick settings, tap ⋮ More options > Status bar for the following options:
  - Show notification icons: Choose how to display notification icons on the Status bar.
  - Show battery percentage: Display the battery charge percentage next to the battery icon on the Status bar.

<u>Notification panel</u>

For quick access to notifications, settings, and more, simply open the Notification panel.




*View the Notification panel*

You can access the Notification panel from any screen.

1. Drag the Status bar down to display the Notification panel.
2. Swipe down the list to see notification details.

- To open an item, tap it.
- To clear a single notification, drag the notification left or right.
- To clear all notifications, tap Clear.
- To customize notifications, tap Notification settings.

3. Drag upward from the bottom of the screen or tap < Back to close the Notification panel.

*Quick settings*

The Notification panel also provides quick access to device functions using Quick settings.

1. Drag the Status bar down to display the Notification panel.

2. Drag — View all downward.

- Tap a quick setting icon to turn it on or off.
- Touch and hold a quick setting icon to open the setting.
- Tap Search to search the device.
- Tap Settings to quickly access the device's settings menu.
- Tap More options to reorder Quick settings or to change the button layout.

3. Drag — View all upward to close Quick settings.

# Apps

## Using apps

The Apps list displays all preloaded and downloaded apps. Apps can be downloaded from Galaxy Store and the Google Play store.

◌ From a Home screen, swipe the screen upward to access the Apps list.

### Uninstall or disable apps

Installed apps can be removed from your device. Some apps that are preloaded available on your device by default) can only be disabled. Disabled apps are turned off and hidden from the Apps list.

- From Apps, touch and hold an app, and tap Uninstall/Disable.

### Search for apps

If you are not sure where to find an app or a setting, you can use the Search feature.

1. From Apps, tap Finder search, and enter a word or words. As you type, matching apps and settings appear as results on the screen.
2. Tap a result to go to that app.

**TIP** You can customize the search settings by tapping More options > Finder settings.

### Sort apps

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

1. From Apps, tap More options > Sort for the following sorting options:
   - Custom order: Arrange apps manually.

- Alphabetical order: Sort apps alphabetically.

**TIP** When apps are arranged manually (Custom order), empty icon spaces can be removed by tapping More options > Clean up pages.

**Create and use folders**

You can make folders to organize App shortcuts on the Apps list.

1. From Apps, touch and hold an app shortcut, and then drag it on top of another app shortcut until it is highlighted.
2. 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.

3. Tap Back to close the folder.

Copy a folder to a Home screen

You can copy a folder to a Home screen.

- From Apps, touch and hold a folder, and tap Add to Home.

Delete a folder

When you delete a folder, the app shortcuts return to the Apps list.

1. From Apps, touch and hold a folder to delete.
2. Tap Delete folder, and confirm when prompted.

# Settings

## Access Settings

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

- Drag down the Status bar, and then tap Settings.
- From Apps, tap Settings.

**Search for Settings**

If you are not sure exactly where to find a certain setting, you can search for it.

1. From Settings, tap Search, and enter keywords.
2. Tap an entry to go to that setting.

## Connections

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

### Wi-Fi

You can connect your device to a Wi-Fi network to access the Internet without using your mobile data.

1. From Settings, tap Connections > Wi-Fi, and then tap to turn on Wi-Fi and scan for available networks.
2. Tap a network, and enter a password if required.

Manually connect to a Wi-Fi network

If the Wi-Fi network you want is not listed after a scan, you can still connect to it by entering the information manually.

Ask the Wi-Fi network administrator for the name and password before you begin.

1. From Settings, tap Connections > Wi-Fi, and then tap to turn on Wi-Fi.
2. Tap Add network at the bottom of the list.
3. Enter information about the Wi-Fi network:

• Network name: Type the exact name of the network.

• Security: Select a security option from the list, and enter the password if required.

• Auto reconnect: Choose this option if you want to automatically reconnect to this network whenever you are in range.

• Advanced: Add any advanced options, such as IP and Proxy settings.

4. Tap Save.

Advanced Wi-Fi settings

You can configure connections to various types of Wi-Fi networks and hotspots, manage saved networks and look up your device's network addresses.

1. From Settings, tap Connections > Wi-Fi, and then tap to turn on Wi-Fi.

2. Tap Advanced.
   - Switch to mobile data: When enabled, your device will switch to mobile data whenever the Wi-Fi connection is unstable. When the Wi-Fi signal is strong, it switches back to Wi-Fi.
   - Turn on Wi-Fi automatically: Turn on Wi-Fi in frequently-used locations.
   - Auto connect to AT&T Wi-Fi: Automatically connect to an AT&T Wi-Fi hotspot when detected.
   - Network notification: Receive notifications when open networks in range are detected.
   - Manage networks: View saved Wi-Fi networks and configure whether to auto reconnect to or forget individual networks.
3. Tap View more to see additional network settings.
   - Wi-Fi control history: View apps that have recently turned your Wi-Fi on or off.
   - Hotspot 2.0: Connect automatically to Wi-Fi networks that support Hotspot 2.0.
   - Install network certificates: Install authentication certificates.
   - 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 uses Wi-Fi to share data between devices.

1. From Settings, tap Connections > Wi-Fi, and then tap to turn on Wi-Fi.
2. Tap Wi-Fi Direct.
3. Tap a device, and then follow the prompts to connect.

**TIP** When sharing a file, tap Wi-Fi Direct to use this feature.

*Disconnect from Wi-Fi Direct*

Disconnect your device from a Wi-Fi Direct device.

- From Settings, tap Connections > Wi-Fi > Wi-Fi Direct, and then tap a device to disconnect it.

**Bluetooth**

You can pair your device to other Bluetooth-enabled devices, like Bluetooth headphones or a Bluetooth-enabled vehicle infotainment system. Once a pairing is created, the devices remember each other and can exchange information without having to enter the passkey again.

1. From Settings, tap Connections > Bluetooth, and then tap to turn on Bluetooth.
2. Tap a device, and follow the prompts to connect.

**TIP** When sharing a file, tap Bluetooth to use this feature.

Rename a paired device

You can rename a paired device to make it easier to recognize.

1. From Settings, tap Connections > Bluetooth, and then tap to turn on Bluetooth.
2. Tap Settings next to the device name, and then tap Rename.
3. Enter a new name, and tap Rename.

Unpair from a Bluetooth device

When you unpair from a Bluetooth device, the two devices no longer recognize each other.

**TIP** You will need to pair with the device again in order to connect to it.

1. From Settings, tap Connections > Bluetooth, and then tap to turn on Bluetooth.
2. Tap Settings next to the device, and then tap Unpair.

Advanced options

Additional Bluetooth features are available in the Advanced menu.

1. From Settings, tap Connections > Bluetooth.
2. Tap Advanced for the following options:

- Dual audio: Play audio from your device to two connected Bluetooth devices.
- Media volume sync: Sync the volume level set on the connected Bluetooth devices to your device.

- Ringtone sync: Use the ringtone set on your phone when you receive calls through a connected Bluetooth device.
- Bluetooth control history: View apps that have used Bluetooth recently.

**Phone visibility**

Turn on visibility to allow other Bluetooth devices to find your device.

- From Settings, tap Connections > Phone visibility, and then tap to make your device visible.

**Airplane mode**

Airplane mode disconnects your device from all networks and turns off connectivity features.

1. From Settings, tap Connections > Airplane mode.
2. Tap to enable this feature.

**Mobile networks**

Use Mobile networks to configure your device's ability to connect to mobile networks and use mobile data.

- From Settings, tap Connections > Mobile networks.
    - Mobile data: Enable mobile data usage.
    - International data roaming: Change voice, text and data roaming settings for international roaming.
    - Allow 2G service: Permit the use of 2G service in areas with limited cellular coverage.
    - Access Point Names: Choose or add APNs, which have the network settings your device needs to connect to your provider.
    - Network operators: Choose available and preferred networks.
    - AT&T mobile network diagnostics: Collect diagnostic and usage data for troubleshooting.

**TIP** Use these features to help manage connection settings that may affect your monthly bill.

**Data usage**

Check your current mobile and Wi-Fi data usage. You can also customize warnings and limits.

- From Settings, tap Connections > Data usage.

Turn on Data saver

Use Data saver to reduce your data consumption by preventing selected apps from sending or receiving data in the background.

1. From Settings, tap Connections > Data usage > Data saver.
2. Tap to turn on Data saver.

- To allow some apps to have unrestricted data usage, tap Allow app while

Data saver on, and tap next to each app to specify restrictions.

Monitor mobile data

You can customize your mobile data access by setting limits and restrictions.

- From Settings, tap Connections > Data usage. The following options are available:
    - Mobile data: Use mobile data from your plan.
    - International data roaming: Enable mobile data services while roaming internationally.
    - Mobile data usage: View data usage over mobile connections over a period of time. You can view total usage as well as usage by app.
    - Billing cycle and data warning: Change the monthly date to align with your carrier's billing date.

**TIP** Use these features to keep an eye on your estimated data usage.

Monitor Wi-Fi data

You can restrict Wi-Fi data access by customizing usage limits and networks.

1. From Settings, tap Connections > Data usage.
2. Tap Wi-Fi data usage to view data usage over Wi-Fi connections over a period of time. You can view total usage as well as usage by app.

## Sounds and vibration

You can control the sounds and vibrations used to indicate notifications, screen touches, and other interactions.

**Sound mode**

You can change the sound mode on your device without using the volume keys.

- From Settings, tap 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: Use vibration only for notifications and alerts.
  - Mute: Set your device to make no sounds.
  - Temporary mute: Set a time limit for muting the device.

**TIP** Use the sound mode setting instead of the volume keys to change the sound mode without losing your customized sound levels.

Easy mute

Quickly mute sounds by covering the screen or turning the device over.

- From Settings, tap Advanced features > Motions and gestures > Easy mute, and tap to enable.

**Vibrations**

You can control how and when your device vibrates

1. From Settings, tap Sounds and vibration.
2. Tap options to customize:

- Vibrate while ringing: Set your device to vibrate in addition to ringing when you receive a call.
- Vibration pattern: Choose from preset vibration patterns.
- Vibration intensity: Set vibration intensity levels for calls, notifications, and feedback by dragging the sliders.

**Volume**

Set the volume level for call ringtones, notifications, and other audio.

- From Settings, tap Sounds and vibration > Volume, and drag the sliders.

**TIP** You can also use the Volume key to adjust the volume. Slide the volume controls to customize all volume options.

Use Volume keys for media

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

1. From Settings, tap Sounds and vibration.
2. Tap Use Volume keys for media to enable this feature.

Media volume limiter

Limit the maximum output of the device's volume while using headphones or Bluetooth speakers (not included).

1. From Settings, tap Sounds and vibration > Volume.
2. Tap More options > Media volume limiter.
3. Tap to enable this feature.

- To set the maximum output volume, drag the Custom volume limit slider.
- To require a PIN to make changes to the volume setting, tap Set volume limit PIN.

**Ringtone**

Customize your call ringtone by choosing from preset sounds or adding your own.

1. From Settings, tap Sounds and vibration > Ringtone.
2. Tap a ringtone to hear a preview and select it, or tap Add to use an audio file as a ringtone.

**Notification sounds**

Choose a preset sound for all notification alerts.

1. From Settings, tap Sounds and vibration > Notification sounds.
2. Tap a sound to hear a preview and select it.

**TIP** You can also customize notifications sounds to be unique for each app using the App settings menu.

**System sounds and vibration**

Customize your device's sounds and vibrations for actions like tapping the screen and charging the device.

- From Settings, tap Sounds and vibration > System sounds and vibration for the following options:
    - Touch sound: Play tones when you touch or tap the screen to make selections.

- Screen lock sound: Play a sound when you unlock the screen.
- Charging sound: Play a sound when a charger is connected.
- Dialing keypad tone: Play a tone when dialing numbers on the Phone keypad.
- Keyboard sound: Play a sound when typing with the Samsung keyboard.
- Keyboard vibration: Vibrate when typing with the Samsung keyboard.
- Touch vibration: Vibrate when you tap navigation buttons or touch and hold items on the screen.

**Dolby Atmos**

Enjoy Dolby Atmos quality when playing content that was specifically mixed for Atmos.

- From Settings, tap Sounds and vibration > Advanced sound settings > Sound quality and effects for the following options:
  - Dolby Atmos: Experience breakthrough audio that flows above and around you.
  - Dolby Atmos for gaming: Apply Dolby Atmos optimized for gaming.

**Equalizer**

Choose an audio preset that is customized to different genres of music, or manually change your audio settings.

1. From Settings, tap Sounds and vibration > Advanced sound settings > Sound quality and effects.
2. Tap Equalizer to choose a music genre.

## Display

You can configure the screen brightness, timeout delay, font size, and many other display settings.

**Screen brightness**

Adjust the screen brightness according to lighting conditions or personal preference.

1. From Settings, tap Display.
2. Customize options under Brightness:

- Drag the Brightness slider to set a custom brightness level.
- Tap Adaptive brightness to automatically adjust the screen brightness based on the lighting conditions.

- Reset usage patterns: Clear your brightness adjustment history. Your device begins learning your preferences again after the reset.

### Blue light filter

The Blue light filter can help you sleep better if you use your device at night. You can set a schedule to automatically turn this feature on and off.

- From Settings, tap Display > Blue light filter, and then choose one of the following options:
  - Drag the Opacity slider to set the opacity of the filter.
  - Tap Turn on now to enable this feature.
  - Tap Turn on as scheduled to set a schedule for when Blue light filter should be enabled. You can choose Sunset to sunrise or Custom schedule.

### Night mode

Night mode allows you to switch to a darker theme to keep your eyes more comfortable at night.

- From Settings, tap Display > Night mode for the following options:
  - Turn on now: Put your device in Night mode.
  - Turn on as scheduled: Configure Night mode for either Sunset to sunrise or Custom schedule.

### Screen mode

Your device has several screen mode options which adjust the screen quality for different situations. You can select the mode according to your preference.

1. From Settings, tap Display > Screen mode.
2. Tap an option to set a different screen mode.

### Font size and style

You can change the font size and style to customize your device.

- From Settings, tap Display > Font size and style for the following options:
  - Drag the Font size slider to adjust the size of text.
  - Tap Font style to choose a different font.

- Tap a font to select it, or tap Download fonts to add fonts from Galaxy Store.

• Tap Bold font to make all fonts appear with bold weight.

### Screen zoom

Adjust the zoom level to increase or decrease the size of content on the screen.

1. From Settings, tap Display > Screen zoom.
2. Drag the Screen zoom slider to adjust the zoom level.

**Screen resolution**

You can lower the screen resolution to save battery power, or increase it to sharpen the image quality.

1. From Settings, tap Display > Screen resolution.
2. Tap your preferred resolution, and then tap Apply.

**NOTE** Some apps may not support higher or lower screen resolution settings and may close when you change the resolution.

**Full screen apps**

You can choose which apps you want to use in the full screen aspect ratio.

- From Settings, tap Display > Full screen apps and tap apps to enable this feature.

**Screen timeout**

You can set the screen to turn off after a set amount of time.

- From Settings, tap Display > Screen timeout, and tap a time limit to set it.

**Accidental touch protection**

Prevent the screen from detecting touch input while the device is in a dark place, such as a pocket or a bag.

- From Settings, tap Display > Accidental touch protection to enable or disable the feature.

**Touch sensitivity**

Increase the touch sensitivity of the screen for use with screen protectors.

- From Settings, tap Display > Touch sensitivity to enable the feature.

## 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:

- From Settings, tap Device care > Optimize now.

## Battery

View how battery power is used for your various device activities.

- From Settings, tap Device care > Battery for options:
  - Battery usage: View power usage by app and service.
  - Power mode: Select a power mode to extend battery life.
  - Usage by apps: View power usage by app today or over the past week.
  - More options > Settings: Configure advanced battery settings and notifications.

## Storage

View the device storage and usage. You can also mount, unmount, or format an optional memory card (not included).

### Device storage

Quickly optimize your device's storage, increasing available memory.

- From Settings, tap Device care > Storage > Clean now.

### Memory card

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

For more information, see Assemble your device on page 7.

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 Settings, tap Device care > Storage.
2. Tap More options > Storage settings.
3. 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 Settings, tap Device care > Storage.
2. Tap More options > Storage settings.
3. Under Portable storage, tap your SD card, and then tap Unmount.
4. 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 stored files.

1. From Settings, tap Device care > Storage.
2. Tap More options > Storage settings.
3. 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 Settings, tap Device care > Memory.
   - The used and available memory are shown.
2. 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 Settings, tap General management > Language and input > Language.
2. Tap Add language, and select a language from the list.
3. Tap Set as default to change the device language.

- To switch to another language on the list, drag Move next to the desired language to the top of the list, and then tap Apply.

### 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 Settings, tap General management > Language and input.
2. Tap Default keyboard, and select a keyboard.

### Google Voice typing

Speak rather than type your text entries using Google voice typing.

1. From Settings, tap General management > Language and input.
2. Tap On-screen keyboard > Google voice typing to customize settings.

### Manage on-screen keyboards

Enable or disable on-screen keyboards.

1. From Settings, tap General management > Language and input.
2. Tap On-screen keyboard > Manage keyboards.
3. 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 Settings, tap General management > Language and input.

2. 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.

**Show keyboard button**

Show a button on the Navigation bar to quickly switch between keyboards.

1. From Settings, tap General management > Language and input.
2. Tap Show keyboard button to enable this feature.

**Autofill service**

Save time entering information using autofill services.

1. From Settings, tap General Management > Language and input.
2. Tap Autofill service and select your preferred service.

**Text-to-speech**

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

- From Settings, tap General management > Language and input >Text-to-speech for options:
    - Preferred engine: Choose either the Samsung or Google Text-to-speech engine. Tap Settings for options.
    - Language: Set the default speech language.
    - Speech rate: Set the speed at which the text is spoken.
    - Pitch: Set the pitch of the speech.
    - Play: Tap to play a short demonstration of speech synthesis.
    - Reset: Reset the speech rate and pitch.

**Pointer speed**

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

1. From Settings, tap General management > Language and input.
2. Under Pointer speed, drag the slider to the right to go faster or to the left to go slower.

**Primary mouse button**

You can define which mouse button that you favor as primary.

1. From Settings, tap General management > Language and input.
2. Tap Primary mouse button, and choose either Left or Right.

### Date and time

By default, your device receives date and time information from the wireless network. Outside of network coverage, you can set the date and time manually.

- From Settings, tap General management > Date and time. The following options are available:
    - Automatic date and time: Receive date and time updates from your wireless network. When Automatic date and time is disabled, the following options are available:

– Select time zone: Choose a new time zone.

– Set date: Enter the current date.

– Set time: Enter the current time.

- Use 24-hour format: Set the format for displaying time.

## Troubleshooting

Should you have performance issues with your device, you can send diagnostic information to Samsung. You can also check for software updates, and if necessary, reset services on your device.

### Software update

Check for and install available software updates for your device.

- From Settings, tap Software update for the following options:
    - Check for updates: Manually check for software updates.
    - Continue update: Resume an update that was interrupted.

### 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 Settings, tap General management > Reset > Reset settings.
2. 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 Settings, tap General management > Reset > Reset network settings.
2. Tap Reset settings, and confirm when prompted.

**Reset accessibility settings**

You can reset device accessibility settings. Accessibility settings in downloaded apps and your personal data are not affected.

1. From Settings, tap General management > Reset > Reset accessibility settings.
2. Tap Reset settings, and confirm when prompted.

**Auto restart**

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

1. From Settings, tap General management > Reset > Auto restart.
2. Tap to activate Auto restart, and then set the following parameters:

- Day: Select the day of the week to automatically restart your device.
- Time: Set the time of day to restart your device.

## 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.

**NOTE** When you sign in to a Google Account on your device, Factory Reset Protection is activated. This protects your device in the event it is lost or stolen.

If you reset your device to factory default settings with the Factory Reset Protection (FRP) feature activated, you must enter the user name and password for a registered Google Account to regain access to the device. You will not be able to access the device without the correct credentials.

**NOTE** If you reset your Google Account password, it can take 24 hours for the password reset to sync with all devices registered to the account.

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 Settings, tap General management > Reset > Factory data reset.
2. Tap Reset and follow the prompts to perform the reset.
3. 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.

You will not be able to access the device after a factory data reset if you do not have your Google Account username and password.

**CAUTION** Before sending your device to Samsung or taking it to a Samsungauthorized service center, remove your Google Account and then perform a factory data reset. For more information, visit samsung.com/us/support/frp.

**Enable factory reset protection**

Adding a Google Account to your device automatically activates the FRP security feature.

**Disable factory reset protection**

To disable FRP, remove all Google Accounts from the device.

1. From Settings, tap Accounts and backup > Accounts > [Google Account].
2. Tap Remove account.

**Warning**

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

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