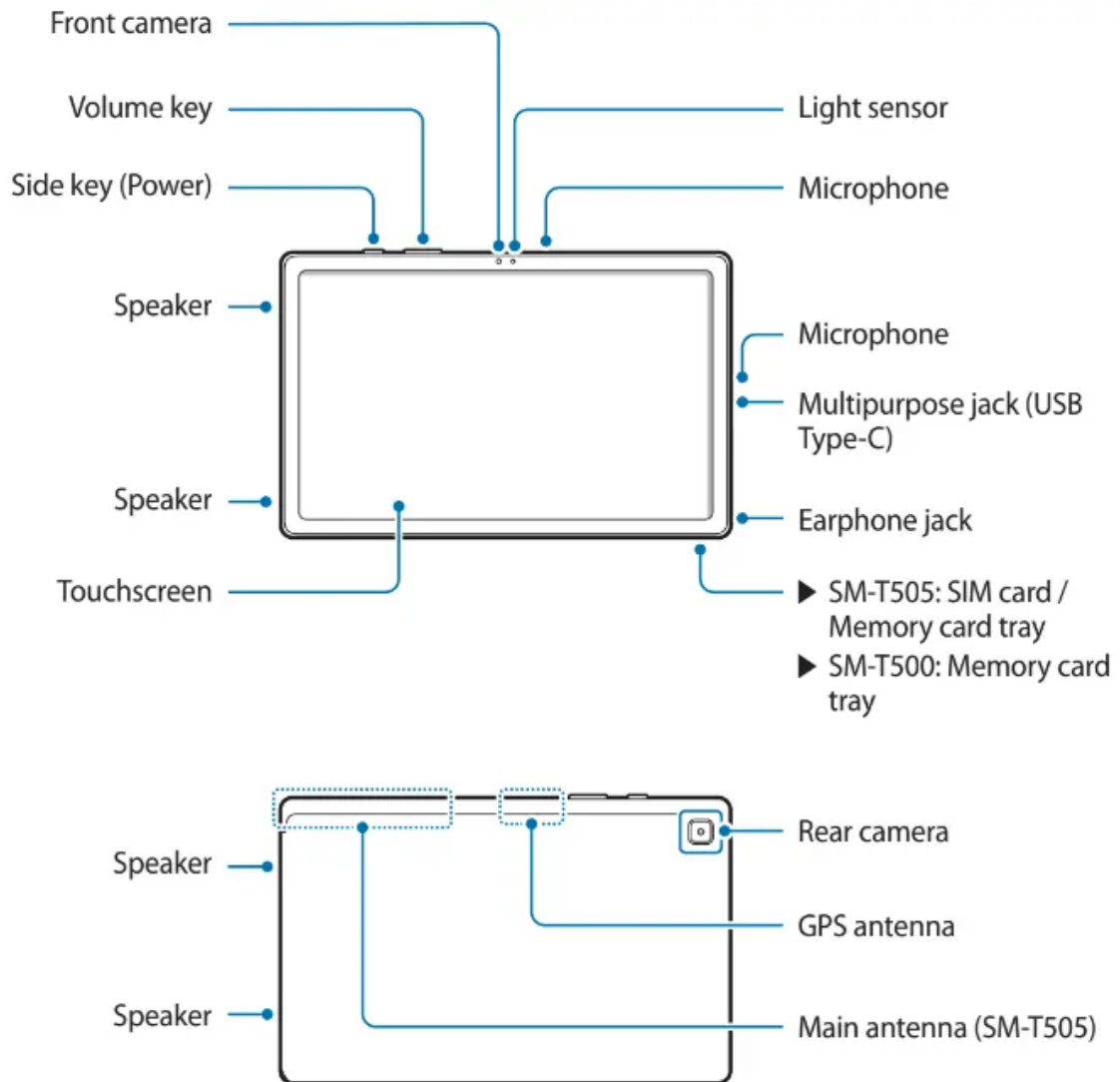


Device layout



Warnings:

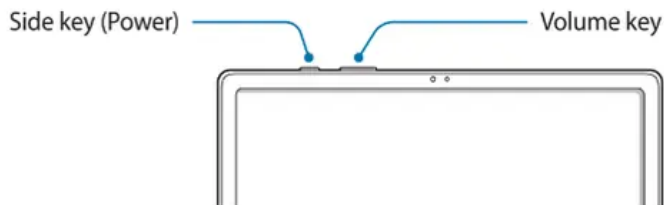
- When using the speakers, such as when playing media files or using speakerphone, do not place the device close to your ears.
- Be careful not to expose the camera lens to a strong light source, such as direct sunlight. If the camera lens is exposed to a strong light source, such as direct sunlight, the camera image sensor may be damaged. A damaged image sensor is irreparable and will cause dots or spots in pictures.
- If you use the device with its glass or acrylic body broken, there may be a risk of injury. Use the device only after it has been repaired at a Samsung Service Center.
- If dust or foreign materials enter the microphone, speaker, or receiver, the device's sound may become quiet or certain features may not work. If you attempt to remove the

dust or foreign materials with a sharp object, the device may be damaged and its appearance may be affected.

Note:

- Connectivity problems and battery drain may occur in the following situations:
 - If you attach metallic stickers on the antenna area of the device
 - If you attach a device cover made with metallic material to the device
 - If you cover the device's antenna area with your hands or other objects while using certain features, such as calls or the mobile data connection (SM-T505)
- Using a Samsung-approved screen protector is recommended. Unapproved screen protectors may cause the sensors to malfunction.
- Do not cover the light sensor area with screen accessories, such as a screen protector, stickers, or a cover. Doing so may cause the sensor to malfunction.
- Do not allow water to contact the touchscreen. The touchscreen may malfunction in humid conditions or when exposed to water.

Hard keys



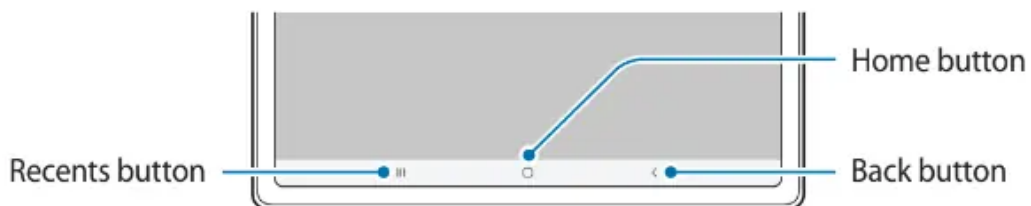
Side key

- Press and hold to turn the device on or off.
- Press to turn on or lock the screen.
- Press twice to launch the app or feature you set.

Volume key

- Press to adjust the device volume.

Soft buttons



When you turn on the screen, the soft buttons will appear at the bottom of the screen. The soft buttons are set to the Recents button, Home button, and Back button by default. Refer to Navigation bar (soft buttons) for more information.

Battery

Charging the battery

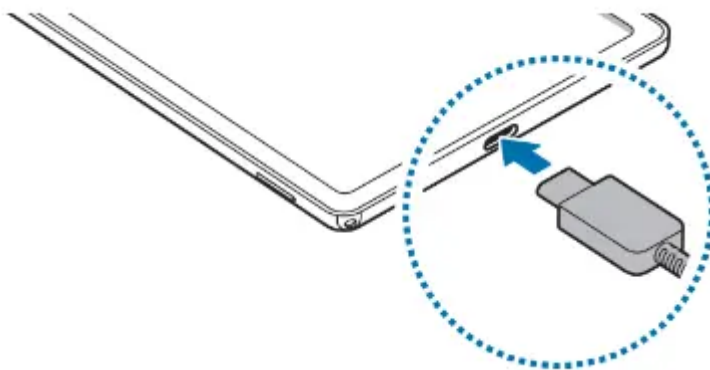
Charge the battery before using it for the first time or when it has been unused for extended periods.

Warnings: Use only Samsung-approved battery, charger, and cable specifically designed for your device. Incompatible battery, charger, and cable can cause serious injuries or damage to your device.

- Connecting the charger improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.
- Use only USB Type-C cable supplied with the device. The device may be damaged if you use Micro USB cable.

Note: To save energy, unplug the charger when not in use. The charger does not have a power switch, so you must unplug the charger from the electric socket when not in use to avoid wasting power. The charger should remain close to the electric socket and easily accessible while charging.

1. Connect the USB cable to the USB power adaptor.
2. Plug the USB cable into the device's multipurpose jack.



3. Plug the USB power adaptor into an electric socket.
4. After fully charging, disconnect the charger from the device. Then, unplug the charger from the electric socket.

Reducing the battery consumption

Your device provides various options that help you conserve battery power.

- Optimize the device using the device care feature.
- When you are not using the device, turn off the screen by pressing the Side key.
- Activate power saving mode.
- Close unnecessary apps.
- Deactivate the Bluetooth feature when not in use.
- Deactivate auto-syncing of apps that need to be synced.
- Decrease the backlight time.
- Decrease the screen brightness.

Fast charging

The device has a built-in fast charging feature. You can charge the battery more quickly while the device or its screen is turned off.

Increasing the charging speed

To increase the charging speed, turn the device or its screen off when you charge the battery.

If the fast charging feature is not activated, launch the Settings app, tap Device care → Battery → Charging, and then tap the Fast charging switch to activate it.

Note:

- While charging, you cannot activate or deactivate this feature.
- You cannot use the built-in fast charging feature when you charge the battery using a standard battery charger.
- If the device heats up or the ambient air temperature rises, the charging speed may decrease automatically. This is a normal operating condition to prevent damage to the device.

Memory card (microSD card)

Installing a memory card

Your device's memory card capacity may vary from other models and some memory cards may not be compatible with your device depending on the memory card manufacturer and type. To view your device's maximum memory card capacity, refer to the Samsung website.

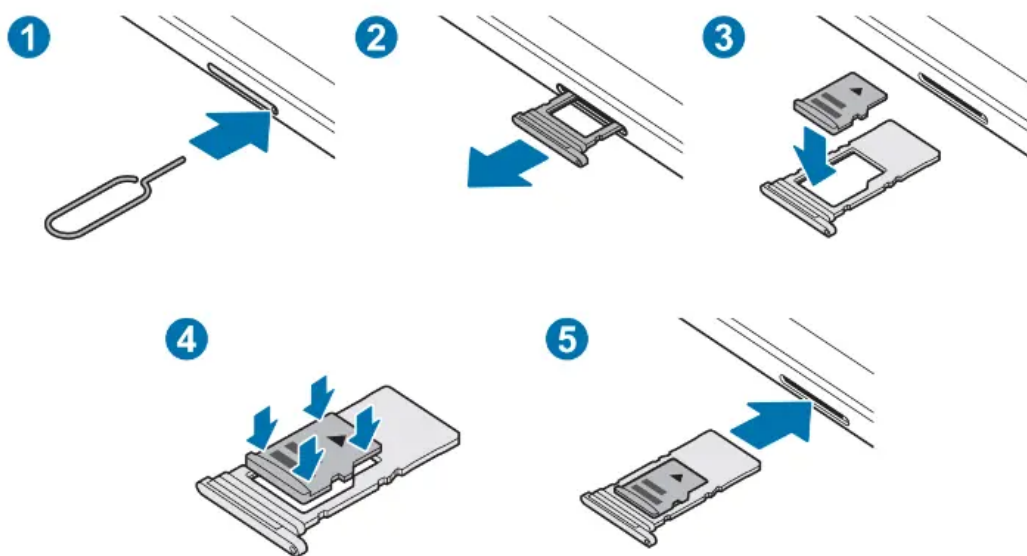
Warnings:

- Some memory cards may not be fully compatible with the device. Using an incompatible card may damage the device or the memory card, or corrupt the data stored in it.
- Use caution to insert the memory card right-side up.

Note:

- The device supports the FAT and the exFAT file systems for memory cards. When inserting a card formatted in a different file system, the device will ask to reformat the card or will not recognize the card. To use the memory card, you must format it.
- If your device cannot format or recognize the memory card, contact the memory card manufacturer or a Samsung Service Center.
- Frequent writing and erasing of data shortens the lifespan of memory cards.
- When inserting a memory card into the device, the memory card's file directory appears in the My Files → SD card folder.

► SM-T500:



1. Insert the ejector pin into the hole on the tray to loosen the tray.

Warnings: Ensure that the ejector pin is perpendicular to the hole. Otherwise, the device may be damaged.

2. Pull out the tray gently from the tray slot.

Warnings: When you remove the tray from the device, the mobile data connection will be disabled. (SM-T505)

3. Place a memory card on the tray with the gold-colored contacts facing downwards.

4. Gently press the memory card into the tray to secure it.

Warnings: If the card is not fixed firmly into the tray, the memory card may leave or fall out of the tray.

5. Insert the tray back into the tray slot.

Warnings:

- If you insert the tray into your device while the tray is wet, your device may be damaged. Always make sure the tray is dry.
- Fully insert the tray into the tray slot to prevent liquid from entering your device.

Removing the memory card

Before removing the memory card, first unmount it for safe removal.

Launch the Settings app and tap **Device care** → **Storage** → **Advanced** → **SD card** → **Unmount**.

Warnings: Do not remove external storage, such as a memory card or USB storage, while the device is transferring or accessing information, or right after transferring data. Doing so can cause data to be corrupted or lost or cause damage to the external storage or device. Samsung is not responsible for losses, including loss of data, resulting from the misuse of external storage devices.

Formatting the memory card

A memory card formatted on a computer may not be compatible with the device. Format the memory card on the device.

Launch the Settings app and tap **Device care** → **Storage** → **Advanced** → **SD card** → **Format**.

Warnings: Before formatting the memory card, remember to make backup copies of all important data stored in the memory card. The manufacturer's warranty does not cover loss of data resulting from user actions.

Turning the device on and off

Note: Follow all posted warnings and directions from authorized personnel in areas where the use of wireless devices is restricted, such as airplanes and hospitals.


Turning the device on

Press and hold the Side key for a few seconds to turn on the device.

When you turn on your device for the first time or after performing a data reset, follow the on-screen instructions to set up your device.

Turning the device off



1. To turn off the device, press and hold the Side key. Alternatively, open the notification panel and tap .

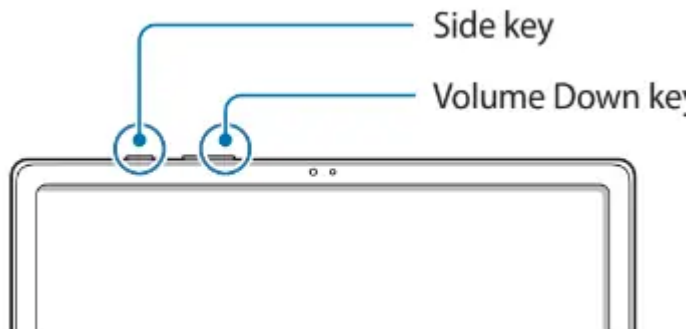


2. Tap **Power off**.

To restart the device, tap Restart.

Forcing restart

If your device is frozen and unresponsive, press and hold the Side key and the Volume Down key simultaneously for more than 7 seconds to restart it.



Initial setup

When you turn on your device for the first time or after performing a data reset, follow the on-screen instructions to set up your device.

Note: If you do not connect to a Wi-Fi network, you may not be able to set up some device features during the initial setup.

Samsung account


Your Samsung account is an integrated account service that allows you to use a variety of Samsung services provided by mobile devices, TVs, and the Samsung website.

To check the list of services that can be used with your Samsung account, launch the Settings app and tap Accounts and backup → Accounts → Samsung account → Apps and services. Alternatively, visit account.samsung.com.

Creating a Samsung account

If you do not have a Samsung account, you should create one.

1. Launch the Settings app and tap Accounts and backup → Accounts → Add account →

Samsung account. Alternatively, launch the Settings app and tap .


2. Tap Create account.
3. Follow the on-screen instructions to complete creating your account.

Finding your ID and resetting your password

If you forget your Samsung account ID or password, tap Find ID or Reset password on the Samsung account sign-in screen. You can find your ID or reset your password after you enter the required information.

Removing your Samsung account

When you remove your Samsung account from the device, your data, such as contacts or events, will also be removed.

1. Launch the Settings app and tap **Accounts and backup** → **Accounts**.
2. Tap **Samsung account** → **Personal info** →  → **Sign out**.
3. Tap Sign out, enter your Samsung account password, and then tap **OK**.

Transferring data from your previous device (Smart Switch)

You can use Smart Switch to transfer data from your previous device to your new device. Launch the Settings app and tap Accounts and backup → Smart Switch.

Note:

- This feature may not be supported on some devices or computers.
- Limitations apply. Visit web.samsung.com/smartswitch for details. Samsung takes copyright seriously. Only transfer content that you own or have the right to transfer.

Transferring data wirelessly

Transfer data from your previous device to your device wirelessly via Wi-Fi Direct.

1. On the previous device, launch Smart Switch. If you do not have the app, download it from Galaxy Store or Play Store.
2. On your device, launch the Settings app and tap Accounts and backup → Smart Switch.
3. Place the devices near each other.

4. On the previous device, tap Send data → Wireless.
5. On the previous device, tap Allow.
6. On your device, select an item to bring and tap Transfer.
7. Follow the on-screen instructions to transfer data from your previous device. After the data is done transferring, you can view a list of the transferred data on your device.

Transferring backup data from a computer

Transfer data between your device and a computer. You must download the Smart Switch computer version app from web.samsung.com/smartswitch. Back up data from your previous device to a computer and import the data to your device.

1. On the computer, visit web.samsung.com/smartswitch to download Smart Switch.
2. On the computer, launch Smart Switch.

Note: If your previous device is not a Samsung device, back up data to a computer using a program provided by the device's manufacturer. Then, skip to the fifth step.

3. Connect your previous device to the computer using the device's USB cable.
4. On the computer, follow the on-screen instructions to back up data from the device. Then, disconnect your previous device from the computer.
6. Connect your device to the computer using the USB cable.
6. On the computer, follow the on-screen instructions to transfer data to your device.

Understanding the screen

Controlling the touchscreen

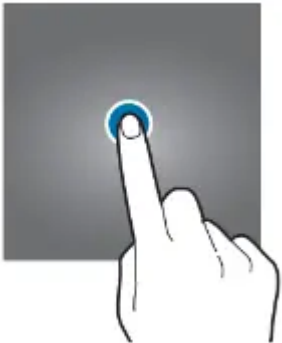
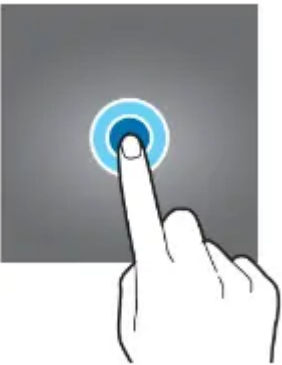
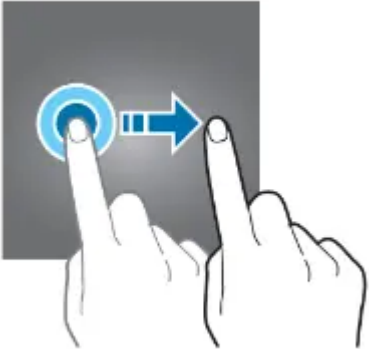
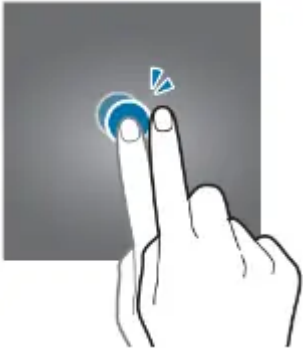
Warnings:

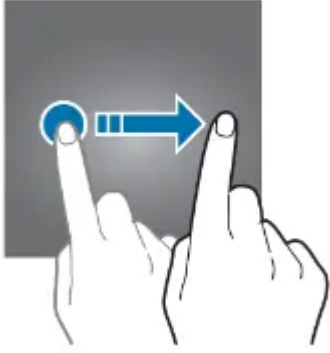
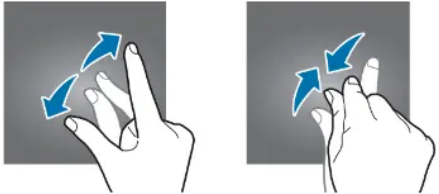
- Do not allow the touchscreen to come into contact with other electrical devices. Electrostatic discharges can cause the touchscreen to malfunction.
- To avoid damaging the touchscreen, do not tap it with anything sharp or apply excessive pressure to it with your fingertips.
- It is recommended not to use fixed graphics on part or all of the touchscreen for extended periods. Doing so may result in afterimages (screen burn-in) or ghosting.

Note:

- The device may not recognize touch inputs close to the edges of the screen, which are outside of the touch input area.
- It is recommended to use fingers when you use the touchscreen.

Tapping




<p>Tap the screen.</p>	
<p>Tapping and holding Tap and hold the screen for approximately 2 seconds.</p>	
<p>Dragging Tap and hold an item and drag it to the target position.</p>	
<p>Double-tapping Double-tap the screen.</p>	

<p>Swiping</p> <p>Swipe upwards, downwards, to the left, or to the right.</p>	
<p>Spreading and pinching</p> <p>Spread two fingers apart or pinch on the screen.</p>	

Navigation bar (soft buttons)

When you turn on the screen, the soft buttons will appear on the navigation bar at the bottom of the screen. The soft buttons are set to the Recents button, Home button, and Back button by default. The functions of the buttons can change according to the app currently being used or usage environment.



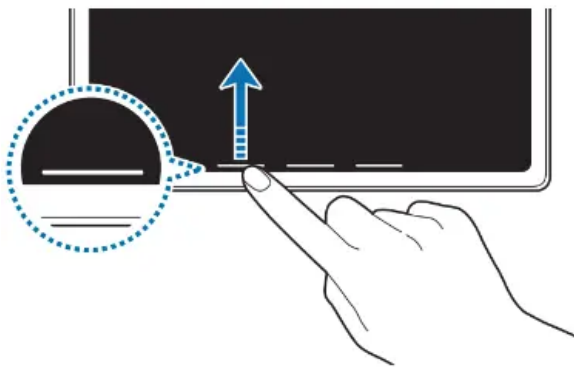
Button	Function
	<p>Recents</p> <ul style="list-style-type: none"> • Tap to open the list of recent apps.
	<p>Home</p> <ul style="list-style-type: none"> • Tap to return to the Home screen. • Tap and hold to launch the Google Assistant app.
	<p>Back</p> <ul style="list-style-type: none"> • Tap to return to the previous screen.

Hiding the navigation bar

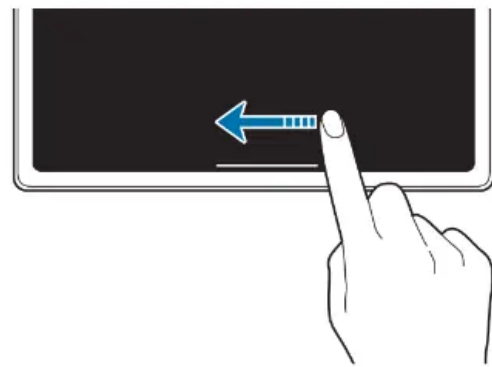
View files or use apps on a wider screen by hiding the navigation bar.

Launch the Settings app, tap Display → Navigation bar, and then tap Swipe gestures under Navigation type. The navigation bar will be hidden and the gesture hints will appear. Tap More options and select an option you want.

- **Swipe from bottom:** The gesture hints will appear where the soft buttons are located. To use the soft buttons, drag the gesture hint of the desired button upwards.
- **Swipe from sides and bottom:**
 - Swipe up from the bottom of the screen to move to the Home screen.
 - Swipe up and hold to view the list of recent apps.
 - Swipe inward from either side of the screen to return to the previous screen.
 - Swipe inward from one of the bottom corners to launch the Google Assistant app.



Swipe from bottom



Swipe from sides and bottom

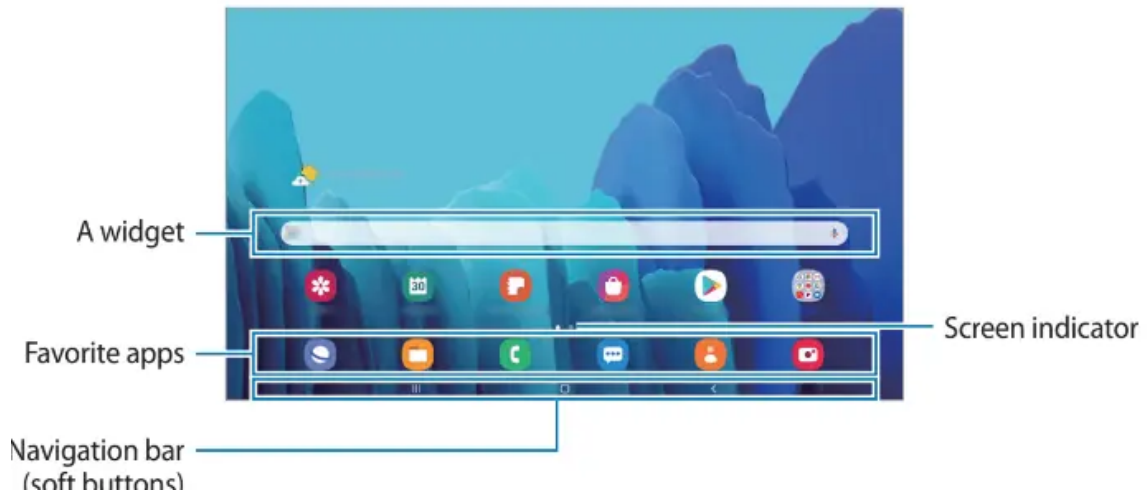
If you want to hide the gesture hints at the bottom of the screen, tap the Gesture hints switch to deactivate it.

Home screen and Apps screen

The Home screen is the starting point for accessing all of the device's features. It displays widgets, shortcuts to apps, and more.

The Apps screen displays icons for all apps, including newly installed apps.

Note: The screen may appear differently depending on the region or service provider.



Moving items

Tap and hold an item, and then drag it to a new location. To move the item to another panel, drag it to the side of the screen.

To add a shortcut to an app on the Home screen, tap and hold an item on the Apps screen, and then tap Add to Home. A shortcut to the app will be added on the Home screen.

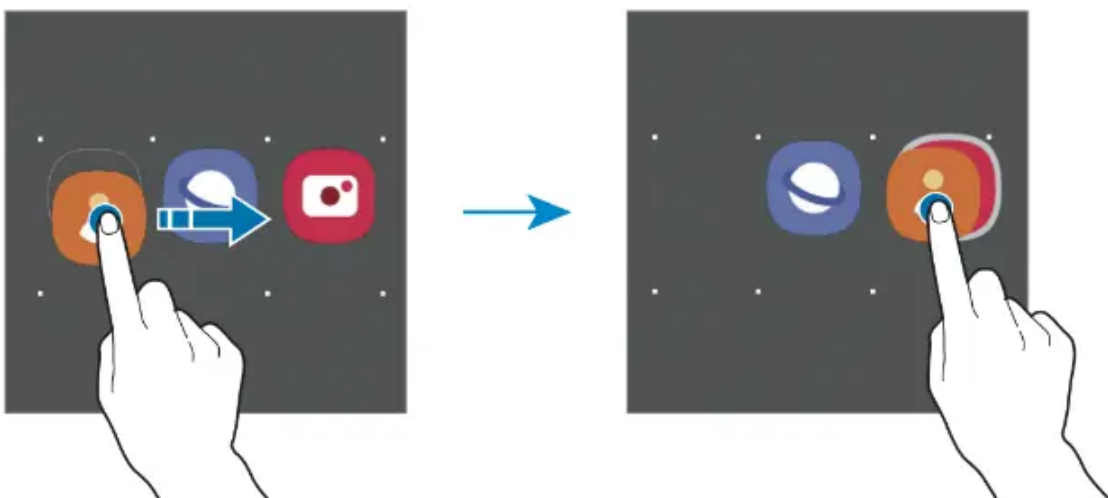
You can also move frequently used apps to the shortcuts area at the bottom of the Home screen.

Creating folders

Create folders and gather similar apps to quickly access and launch apps.

On the Home screen or the Apps screen, tap and hold an app, and then drag it over another app.

A new folder containing the selected apps will be created. Tap Folder name and enter a folder name.



- Adding more apps

Tap **+** on the folder. Tick the apps to add and tap Done. You can also add an app by dragging it to the folder.

- **Moving apps from a folder**

Tap and hold an app to drag it to a new location.

- **Deleting a folder**

Tap and hold a folder, and then tap Delete folder. Only the folder will be deleted. The folder's apps will be relocated to the Apps screen.

Displaying all apps on the Home screen

Without using a separate Apps screen, you can set the device to display all apps on the Home screen. On the Home screen, tap and hold an empty area, and then tap Home screen settings → Home screen layout → Home screen only → Apply.

You can now access all your apps by swiping to the left on the Home screen.

Indicator icons

Indicator icons appear on the status bar at the top of the screen. The icons listed in the table below are most common.

Note:

- The status bar may not appear at the top of the screen in some apps. To display the status bar, drag down from the top of the screen.
- Some indicator icons appear only when you open the notification panel.
- The indicator icons may appear differently depending on the service provider or model.

Icon	Meaning
	No signal
	Signal strength
	Roaming (outside of normal service area)
	GPRS network connected
	EDGE network connected
	UMTS network connected
	HSDPA network connected
	HSPA+ network connected
	LTE network connected
	Wi-Fi connected
	Bluetooth feature activated
	Location services being used
	Call in progress
	Missed call
	New text or multimedia message
	Alarm activated
	Mute mode activated
	Airplane mode activated
	Error occurred or caution required
	Battery charging
	Battery power level

Lock screen

Pressing the Side key turns off the screen and locks it. Also, the screen turns off and automatically locks if the device is not used for a specified period.

To unlock the screen, swipe in any direction when the screen turns on.

If the screen is off, press the Side key to turn on the screen. Alternatively, double-tap the screen.



Locked screen

Changing the screen lock method

To change the screen lock method, launch the Settings app, tap Lock screen → Screen lock type, and then select a method.

When you set a pattern, PIN, password, or your biometric data for the screen lock method, you can protect your personal information by preventing others from accessing your device.

After setting the screen lock method, the device will require an unlock code whenever unlocking it.

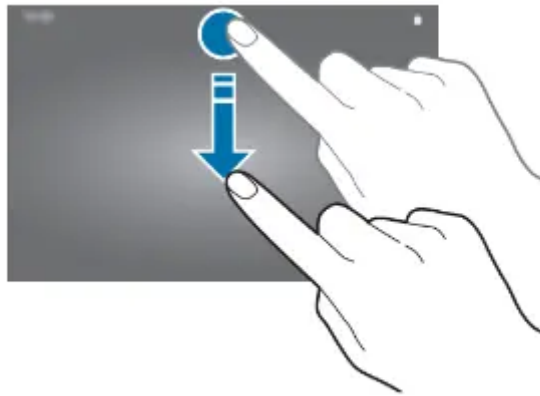
- **Swipe:** Swipe in any direction on the screen to unlock it.
- **Pattern:** Draw a pattern with four or more dots to unlock the screen.
- **PIN:** Enter a PIN with at least four numbers to unlock the screen.
- **Password:** Enter a password with at least four characters, numbers, or symbols to unlock the screen.
- **None:** Do not set a screen lock method.
- **Face:** Register your face to unlock the screen. Refer to Face recognition for more information.

Note: You can set your device to perform a factory data reset if you enter the unlock code incorrectly several times in a row and reach the attempt limit. Launch the Settings app, tap Lock screen → Secure lock settings, unlock the screen using the preset screen lock method, and then tap the Auto factory reset switch to activate it.

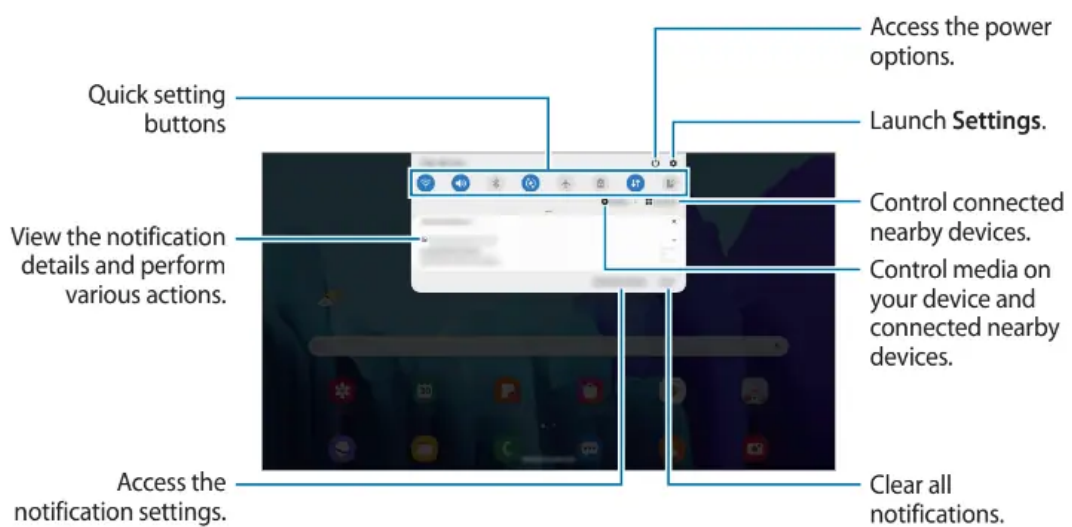
Notification panel

When you receive new notifications, indicator icons appear on the status bar. To see more information about the icons, open the notification panel and view the details.

To open the notification panel, drag the status bar downwards. To close the notification panel, swipe upwards on the screen.

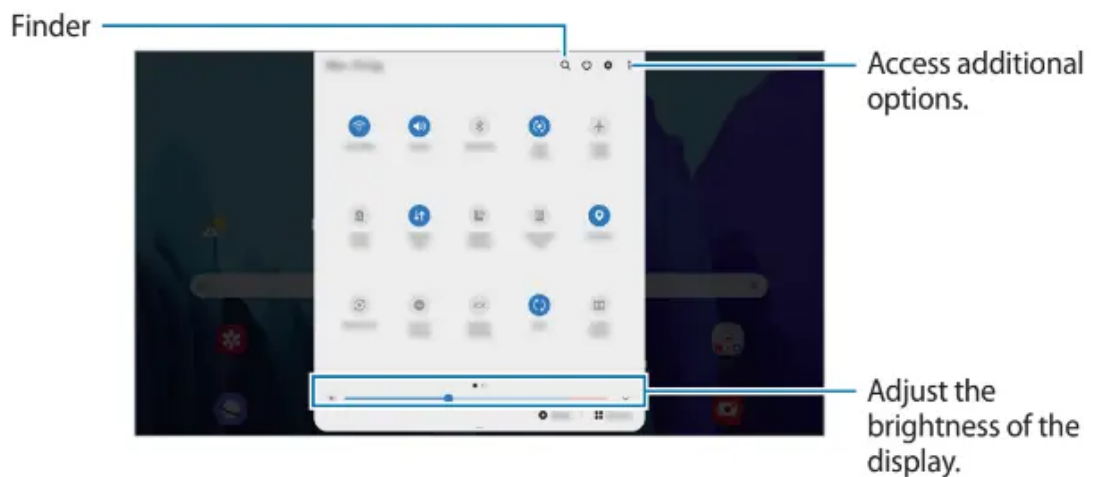


You can use the following functions on the notification panel.




Using quick setting buttons

Tap quick setting buttons to activate certain features. Swipe downwards on the notification panel to view more buttons.



To change feature settings, tap the text under each button. To view more detailed settings, tap and hold a button.

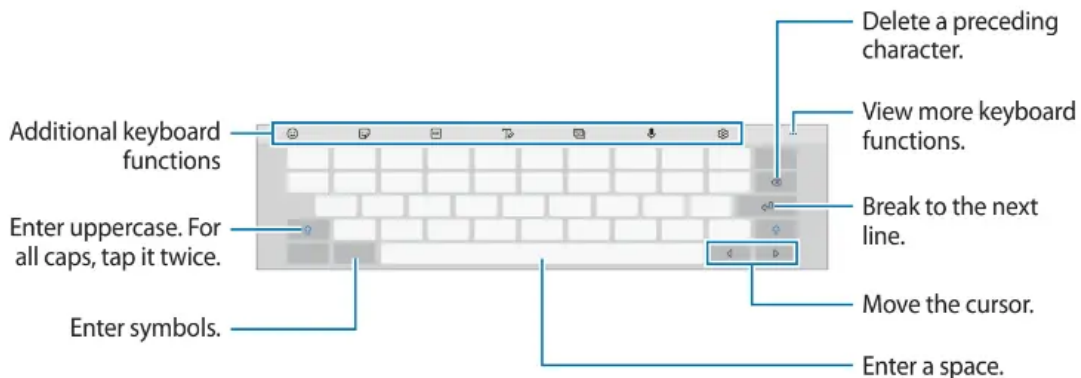
To rearrange buttons, tap  → Button order, tap and hold a button, and then drag it to another location.

Entering text


Keyboard layout

A keyboard appears automatically when you enter text to send emails, create notes, and more.

Note: Text entry is not supported in some languages. To enter text, you must change the input language to one of the supported languages.



Changing the input language

Tap  → Languages and types → Manage input languages and select the languages to use. When you select two or more languages, you can switch between the input languages by swiping to the left or right on the space key.

Apps and features

Installing or uninstalling apps

Galaxy Store

Purchase and download apps. You can download apps that are specialized for Samsung Galaxy devices.



Launch the Galaxy Store app.

Note: This app may not be available depending on the region or service provider.

Installing apps

Browse apps by category or tap  to search for a keyword.

Select an app to view information about it. To download free apps, tap Install. To purchase and download apps where charges apply, tap the price and follow the on-screen instructions.

Note: To change the auto update settings, tap  →  → Auto update apps, and then select an option.

Play Store


Purchase and download apps.

Launch the Play Store app.

Installing apps

Browse apps by category or search for apps by keyword.

Select an app to view information about it. To download free apps, tap Install. To purchase and download apps where charges apply, tap the price and follow the on-screen instructions.

Note: To change the auto update settings, tap  → Settings → Auto-update apps, and then select an option.



Phone

Introduction

Make or answer voice and video calls.

Note: To make a call and send a text message, launch the Settings app, tap Advanced features, and then tap the Call & text on other devices switch to activate it. You must register and sign in to the same Samsung account on your device and the other device. Some calling and messaging features may not be available.

Making calls

1. Launch the Phone app and tap Keypad.
2. Enter a phone number.
3. Tap  to make a voice call, or tap  to make a video call.



Making calls from call logs or contacts list

Launch the Phone app, tap Recents or Contacts, and then swipe to the right on a contact or a phone number to make a call.

If this feature is deactivated, launch the Settings app, tap Advanced features → Motions and gestures, and then tap the Swipe to call or send messages switch to activate it.

Using speed dial


Set speed dial numbers to quickly make calls.

To set a number to speed dial, launch the Phone app, tap Keypad or Contacts → → Speed dial numbers, select a speed dial number, and then add a phone number.

To make a call, tap and hold a speed dial number on the keypad. For speed dial numbers 10 and up, tap the first digit(s) of the number, and then tap and hold the last digit.

For example, if you set the number 123 as a speed dial number, tap 1, tap 2, and then tap and hold 3.

Making an international call

1. Launch the Phone app and tap Keypad.
2. Tap and hold 0 until the + sign appears.
3. Enter the country code, area code, and phone number, and then tap .



Receiving calls

Answering a call

When a call comes in, drag outside the large circle.

Blocking phone numbers

Block calls from specific numbers added to your block list.

1. Launch the Phone app and tap  → Settings → Block numbers.
2. Tap Recents or Contacts, select contacts or phone numbers, and then tap Done. To manually enter a number, tap Add phone number, enter a phone number, and then tap .

When blocked numbers try to contact you, you will not receive notifications. The calls will be logged in the call log.

Note: You can also block incoming calls from people that do not show their caller ID. Tap the Block unknown/hidden numbers switch to activate the feature.

Adding a phone number to Contacts

Adding a phone number to Contacts from the keypad

1. Launch the Phone app and tap Keypad.
2. Enter the number.
3. Tap Add to Contacts.
4. Tap Create new contact to create a new contact, or tap Update existing contact to add the number to an existing contact.

Adding a phone number to Contacts from the calls list

1. Launch the Phone app and tap Recents.
2. Tap a phone number and tap Add.
3. Tap Create new contact to create a new contact, or tap Update existing contact to add the number to an existing contact.

Adding a tag to a phone number

You can add tags to numbers without saving them to Contacts. This allows you to view the caller's information when they call without having them listed in Contacts.

1. Launch the Phone app and tap Recents.
2. Tap a phone number.
3. Tap Add note, enter a tag, and then tap Add. When a call comes from that number, the tag will show under the number.


Contacts

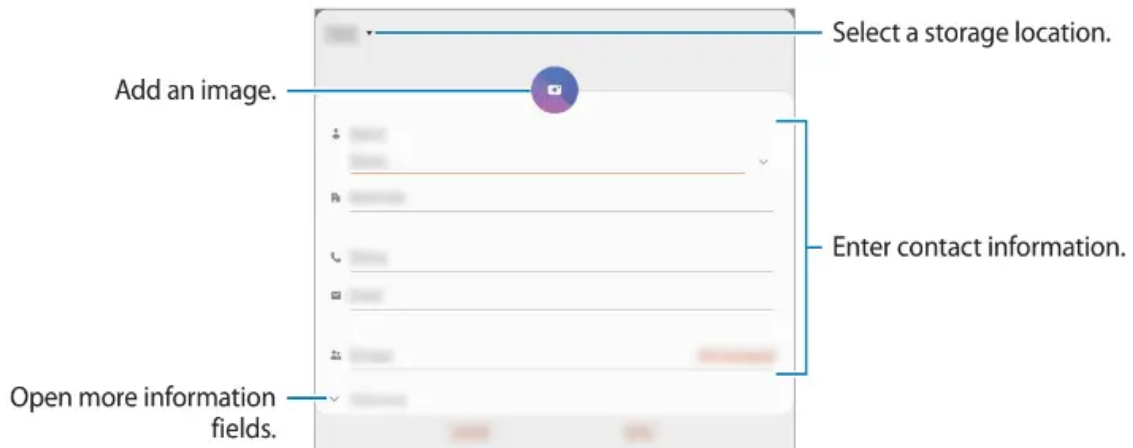
Introduction

Create new contacts or manage contacts on the device.

Adding contacts

Creating a new contact

1. Launch the Contacts app and tap .
2. Select a storage location.
3. Enter contact information.




Note: Depending on the selected storage location, the types of information you can save may vary.

4. Tap Save.


Importing contacts

Add contacts by importing them from other storages to your device.

1. Launch the Contacts app and tap  → **Manage contacts** → **Import or export contacts** → **Import**.
2. Select a storage location to import contacts from.
3. Tick VCF files or contacts to import and tap Done.
4. Select a storage location to save contacts to and tap Import.


Syncing contacts with your web accounts

Sync your device contacts with online contacts saved in your web accounts, such as your Samsung account.

1. Launch the Settings app, tap Accounts and backup → Accounts, and then select the account to sync with.
2. Tap Sync account and tap the Contacts switch to activate it. For the Samsung account, tap  → Sync settings and tap the Contacts switch to activate it.


Sharing contacts

You can share contacts with others by using various sharing options.

1. Launch the Contacts app, tap  at the top of the contacts list, and then tap Share.
2. Select contacts and tap Share.
3. Select a sharing method.



Creating groups

You can add groups, such as family or friends, and manage contacts by group.

1. Launch the Contacts app and tap  → Groups → Create group.
2. Enter a group name. To set a group ringtone, tap Group ringtone and select a ringtone.
3. Tap Add member, select contacts to add to the group, and then tap Done.
4. Tap Save.


Sending a group message

You can send a group message to a group's members at the same time.

Launch the Contacts app, tap  → Groups, select a group, and then tap  → Send message.



Creating groups

You can add groups, such as family or friends, and manage contacts by group.

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2. Enter a group name. To set a group ringtone, tap Group ringtone and select a ringtone.
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Sending a group message

You can send a group message to a group's members at the same time.

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Messages

Introduction




Send and view messages by conversation.

Note: To make a call and send a text message, launch the Settings app, tap Advanced features, and then tap the Call & text on other devices switch to activate it. You must register

and sign in to the same Samsung account on your device and the other device. Some calling and messaging features may not be available.

Sending messages


Note: You may incur additional charges for sending messages when you are roaming.

1. Launch the Messages app and tap .
2. Add recipients and enter a message. To record and send a voice message, tap and hold , say your message, and then release your finger. The recording icon appears only while the message input field is empty.
3. Tap  to send the message.

Viewing messages



Messages are grouped into message threads by contact.

Note: You may incur additional charges for receiving messages when you are roaming.

1. Launch the Messages app.
2. On the messages list, select a contact or a phone number.
 - To reply to the message, tap input field, enter a message, and then tap .
 - To adjust the font size, spread two fingers apart or pinch on the screen.


Blocking unwanted messages

Block messages from specific numbers added to your block list.

1. Launch the Messages app, tap  at the top of the messages list, and then tap Settings → Block numbers and messages → Block numbers.
2. Tap Conversations and select a contact or a phone number. Or, tap Contacts, select contacts, and then tap Done. To manually enter a number, enter a phone number under  .

Setting the message notification

You can change notification sound, display options, and more.

1. Launch the Messages app, tap  at the top of the messages list, tap **Settings** → **Notifications**, and then tap the switch to activate it.
2. Change the notification settings.

Deleting messages

1. Launch the Messages app.
2. On the messages list, select a contact or a phone number.

3. Tap and hold a message, then tap Delete. To delete multiple messages, tick messages you want to delete.
4. Tap Delete.

Internet

Introduction

Browse the Internet to search for information and bookmark your favorite webpages to access them conveniently.


Browsing webpages

1. Launch the Internet app.
2. Tap the address field.
3. Enter the web address or a keyword, and then tap Go.

Using secret mode

In secret mode, you can separately manage open tabs, bookmarks, and saved pages. You can lock secret mode using a password and your biometric data.

Activating secret mode

Tap  → Turn on Secret mode. If you are using this feature for the first time, set whether to use a password for secret mode.

In secret mode, the device will change the color of the toolbars.

Note: In secret mode, you cannot use some features, such as screen capture.

Changing security settings

You can change your password or the lock method.

Tap  → **Settings** → **Privacy and security** → **Secret mode settings** → **Change password**.

To use your registered biometric data as a lock method along with the password, tap an option switch under Biometrics to activate it.

Camera

Introduction

Take photos and record videos using various modes and settings.


Camera etiquette

- Do not take photos or record videos of other people without their permission.
- Do not take photos or record videos where legally prohibited.

- Do not take photos or record videos in places where you may violate other people's privacy.

Launching Camera

Use the following methods to launch Camera:

- Launch the Camera app.
- Press the Side key twice quickly.
- On the locked screen, drag  outside the circle.


Note:

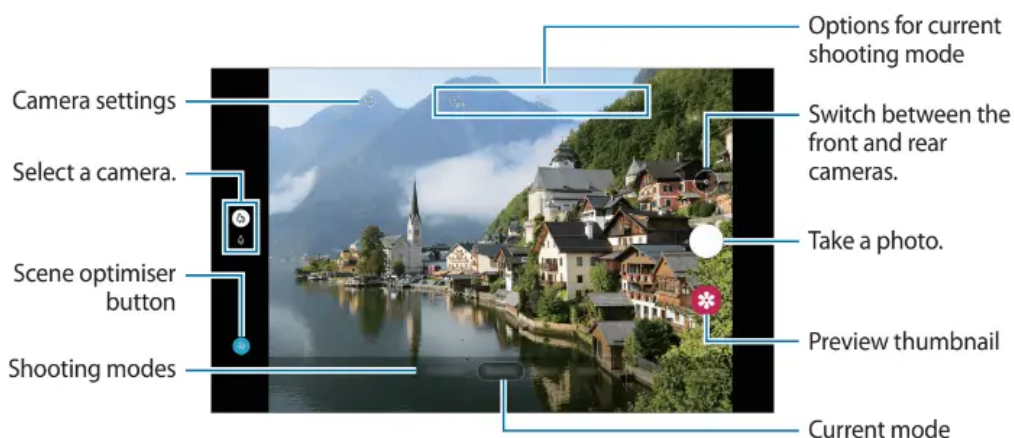
- Some methods may not be available depending on the region or service provider.
- Some camera features are not available when you launch the Camera app from the locked screen or when the screen is turned off while the screen lock method is set.
- If photos you take appear blurry, clean the camera lens and try again.

Taking photos

1. Tap the image on the preview screen where the camera should focus.

- Spread two fingers apart on the screen to zoom in, and pinch to zoom out. Alternatively, drag the lens selection icon. Zooming features are available only when using the rear camera.
- To adjust the brightness of photos, tap the screen. When the adjustment bar appears, drag the adjustment bar towards **+** or **-**.

2. Tap  to take a photo.



Note:

- The preview screen may vary depending on the shooting mode and which camera is being used.

- The camera automatically shuts off when unused.
- Make sure that the lens is not damaged or contaminated. Otherwise, the device may not work properly in some modes that require high resolutions.
- Your device's camera features a wide-angle lens. Minor distortion may occur in wide-angle photos or videos and does not indicate device performance problems.

Options for current shooting mode

On the preview screen, use the following options.



Changing shooting modes

To change the shooting mode, drag the shooting modes list to the left or right, or swipe to the left or right on the preview screen.

Select a shooting mode you want.



Photo mode (Intelligent camera)

The camera adjusts the shooting options automatically depending on the surroundings to capture photos easily. The intelligent camera feature automatically recognizes the subject and optimizes the color and any effects.


On the shooting modes list, tap PHOTO and tap  to take a photo.

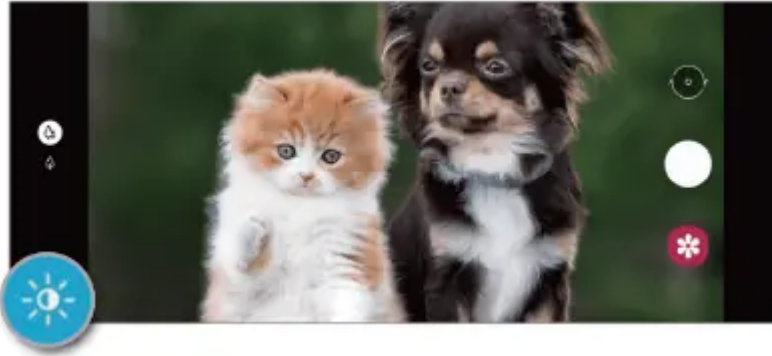
Scene optimiser

The camera adjusts the color settings and applies the optimized effect automatically by recognizing the subject.

On the shooting modes list, tap PHOTO. When the camera recognizes the subject, the scene optimiser button will change and the optimized color and effect will be applied.




Note:

- If this feature is not activated, tap  on the preview screen and tap the Scene optimiser switch to activate it.
- If you do not want to use this feature, tap the scene optimiser button on the preview screen.




Taking selfies

You can take self-portraits with the front camera.

1. On the shooting modes list, tap PHOTO.
2. On the preview screen, swipe upwards or downwards, or tap  to switch to the front camera for self-portraits.
3. Face the front camera lens. To take self-portraits with a wide-angle shot of the landscape or people, tap .
4. Tap  to take a photo.

Applying filter and beauty effects

You can select a filter effect and modify facial features, such as your skin tone or face shape, before taking a photo.


1. On the preview screen, tap .
2. Select a filter effect or beauty effects and take a photo.

Locking the focus (AF) and exposure (AE)

You can lock the focus or exposure on a selected area to prevent the camera from automatically adjusting based on changes to the subjects or light sources.

Tap and hold the area to focus, the AF/AE frame will appear on the area and the focus and exposure setting will be locked. The setting remains locked even after you take a photo.


Taking portraits that stand out using the Live focus feature

1. On the shooting modes list, tap LIVE FOCUS.
2. Drag the background blur adjustment bar to adjust the blur level.
3. When Ready appears on the preview screen, tap  to take a photo.




Deco Pic mode

Capture photos or videos with various stickers.

1. On the shooting modes list, tap MORE → Deco Pic.
2. Select a sticker you want to use.
3. Tap  to take a photo or tap and hold  to record a video. You can view and share the photos and videos that you have captured in Gallery.

Customizing camera settings

On the preview screen, tap . Some options may not be available depending on the shooting mode.

Intelligent features

- **Scene optimiser:** Set the device to adjust the color settings automatically depending on the subject or scene.
- **Scan QR codes:** Enable or disable the QR code reader.

Pictures

- **Hold Shutter button to:** Select an action to perform when you tap and hold the camera button.

Videos

- **Rear video size:** Select a resolution for videos you want to take with the rear camera. Using a higher resolution will result in higher quality videos, but they will take up more memory.

- **Front video size:** Select a resolution for videos you want to take with the front camera. Using a higher resolution will result in higher quality videos, but they will take up more memory.
- **High efficiency video:** Record videos in the High Efficiency Video Codec (HEVC) format. Your HEVC videos will be saved as compressed files to conserve the device's memory.
- **Video stabilization:** Activate anti-shake to reduce or eliminate blurry image resulting from camera shake while recording a video.

Useful features

- **Auto HDR:** Take photos with rich colors and reproduce details even in bright and dark areas.
- **Pictures as previewed:** Set the device to save photos as they appear on the preview screen when taken with the front camera without flipping them.
- **Grid lines:** Display viewfinder guides to help composition when selecting subjects.
- **Location tags:** Attach a GPS location tag to the photo.

Note:

- GPS signal strength may decrease in locations where the signal is obstructed, such as between buildings or in low-lying areas, or in poor weather conditions.
- Your location may appear on your photos when you upload them to the

Internet. To avoid this, deactivate the location tag setting.

- **Shooting methods:** Select additional shooting methods for taking a photo or recording a video.
- **Storage location:** Select the memory location for storage. This feature will appear when you insert a memory card.
- **Watermark:** Add a watermark in the bottom left corner when taking pictures.
- **Reset settings:** Reset the camera settings.
- **Contact us:** Ask questions or view frequently asked questions.
- **About Camera:** View the Camera app version and legal information.

Gallery

Introduction

View images and videos stored in your device. You can also manage images and videos by album or create stories.


Using Gallery

Launch the Gallery app.



- **Videos:** View the videos saved in your device.
- **Favorites:** View your favorite photos and videos.
- **Recent:** View recent photos and videos.
- **Suggested:** View recommended content.

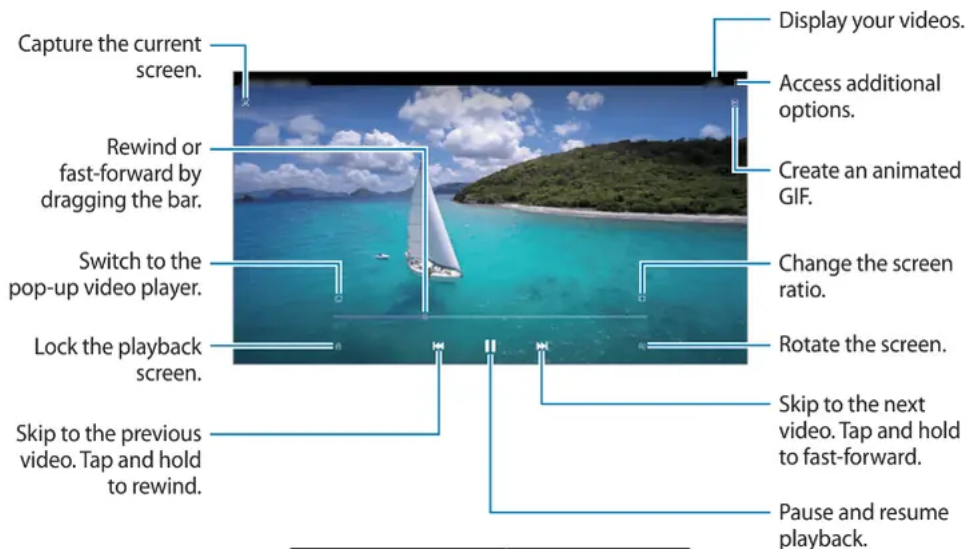
Grouping similar images

Launch the Gallery app and tap  to group similar images and display only the best shots as a preview of the images. When you tap the image preview, you can view all the images in the group.

Note: The icon appears only when there are similar images.

Viewing videos

1. Launch the Gallery app and tap Pictures.
2. Select a video to play.
3. Tap Play video to play the video.



Drag your finger up or down on the left side of the playback screen to adjust the brightness, or drag your finger up or down on the right side of the playback screen to adjust the volume.

To rewind or fast-forward, swipe to the left or right on the playback screen.


Viewing albums

You can view your images and videos sorted by folders or albums.

Launch the Gallery app, tap Albums, and then select an album.

Creating albums

You can add albums and sort files.

1. Launch the Gallery app and tap Albums.
2. Tap  → Create album.
3. Enter a title for the album and tap Create.

Moving photos and videos to albums


1. Launch the **Gallery** app and tap **Albums**.
2. Select an album and tap **Add items**.
3. Tap Pictures, or tap **Albums** and select an album with the images or videos you want.
4. Tick files and tap **Done**.
5. Tap **Move**. The files will be deleted from the original folder and moved to the album. To copy the files, tap **Copy**.

Deleting albums

1. Launch the Gallery app and tap Albums.
2. Tap and hold an album to delete, and tap Delete.

Creating album groups

You can add groups and sort albums.



1. Launch the Gallery app and tap Albums.
2. Tap  → **Create group**.
3. Enter a title for the group and tap **Create**.
4. Select the group, tap **Add albums**, tick albums, and then tap Add. The albums will be moved to the group.

Viewing stories

When you capture or save images and videos, the device will read their date and location tags, sort the images and videos, and then create stories. To create stories automatically,

you must capture or save multiple images and videos. Launch the **Gallery** app, tap **Stories**, and then select a story.

Editing stories

- To add images or videos to a story, select a story and tap Story album →  → Add.
- To remove images or videos from a story, select a story, tap Story album →  → Edit, tick images or videos to remove, and then tap Remove from story.

Deleting stories

1. Launch the Gallery app and tap Stories.
2. Tap and hold a story to delete, and tap Delete.

Multi window

Introduction

Multi window lets you run two apps at the same time in the split screen view. You can also run multiple apps at the same time in the pop-up view.

Note: Some apps may not support this feature.



Split screen view



Pop-up view

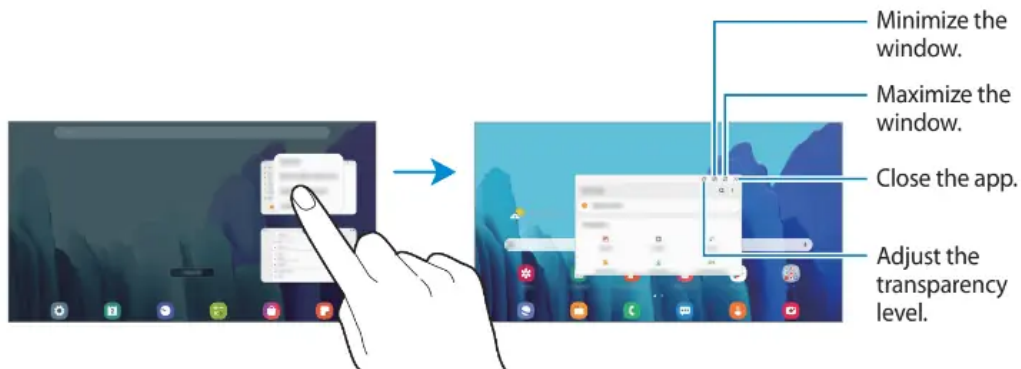
Split screen view

1. Tap the Recents button to open the list of recently used apps.
2. Swipe to the left or right, tap an app's icon, and then tap Open in split screen view. The selected app will launch in the split screen view.
3. On the other window, swipe left or right to select another app to launch. To launch apps not on the list of recently used apps, tap the Home button or Back button and select an app.

Pop-up view

1. Tap the Recents button to open the list of recently used apps.

2. Swipe to the left or right, tap an app's icon, and then tap Open in pop-up view. The app screen will appear in the pop-up view.



Moving pop-up windows

To move a pop-up window, tap the window's toolbar and drag it to a new location.

Samsung Members


Samsung Members offers support services to customers, such as device problem diagnosis, and lets users submit questions and error reports. You can also share information with others in the Galaxy users' community or view the latest news and tips. Samsung Members can help you solve any problems you might encounter while using your device.

Note: To submit your feedback or post your comments, you must sign in to your Samsung account. Refer to Samsung account for more information.

Samsung Notes

Create notes by entering text from the keyboard or by handwriting or drawing on the screen. You can also insert images or voice recordings into your notes.

Creating notes

1. Launch the Samsung Notes app and tap .
2. Select an input method from the toolbar at the top of the screen and compose a note.



3. When you are finished composing the note, tap Save.


Deleting notes

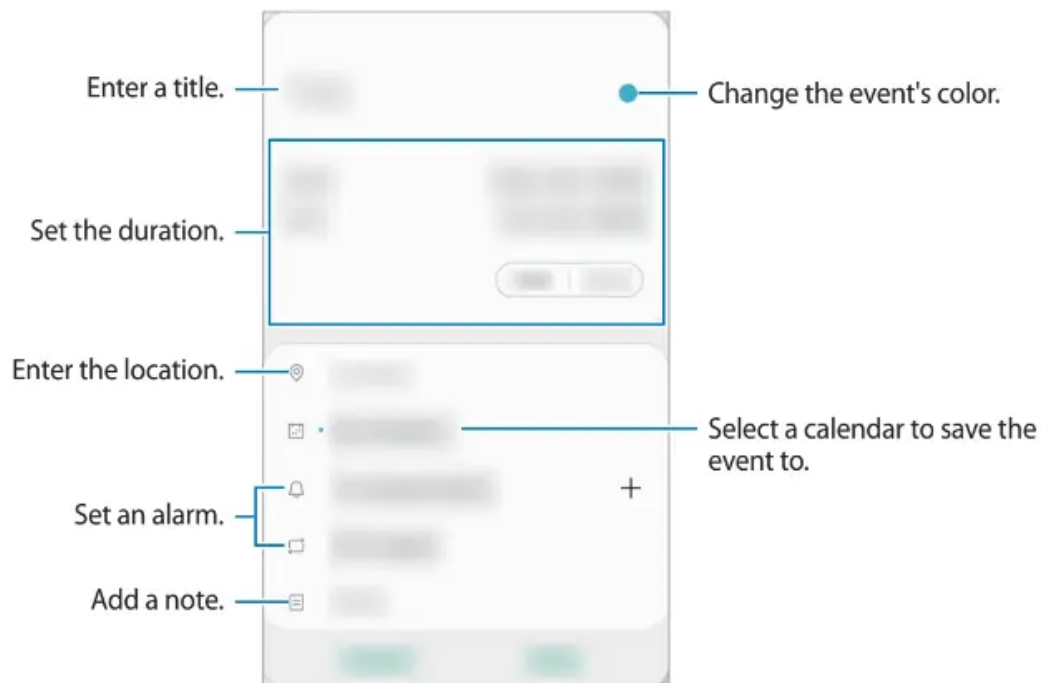
1. Launch the Samsung Notes app.
2. Tap and hold a note to delete. To delete multiple notes, tick more notes to delete.
3. Tap Delete.

Calendar

Manage your schedule by entering upcoming events or reminders in your planner.


Creating events

1. Launch the Calendar app and tap  or double-tap a date.
2. Enter event details.



3. Tap **Save** to save the event.

Creating reminders

You can create tasks as reminders and receive notifications at the preset time or location for each reminder. Launch the Calendar app and tap  → Reminder. Refer to Reminder for more information.



Reminder

Create reminders to schedule to-do items or to view content later. You will receive notifications at the preset time or location for each reminder.

Note:

- To receive more accurate notifications, connect to a Wi-Fi or mobile network.
- To fully use this feature, you must sign in to your Samsung account.
- To use location reminders, the GPS feature must be activated. Location reminders may not be available depending on the model.


Starting Reminder

Launch the Calendar app and tap  → **Reminder**. The Reminder screen will appear and the Reminder app icon () will be added to the Apps screen.

Creating reminders

Create reminders with various methods. Reminder will alert you if you create a reminder with a specified time or location setting. You can also save various content, such as a single memo or webpage address, and view it later.

For example, create a reminder to alert you to 'Water the flowers when I get home'.


1. Launch the Reminder app.
2. Tap Write a reminder or  and enter 'Water the flowers'.
3. Tap Place → Pick a place and set the location to home.
4. Tap When I arrive at → Done.
5. Tap Save to save the reminder. When you arrive at home, the 'Water the flowers' notification will appear.

Completing reminders

Mark reminders that you do not need to be reminded of as complete. On the reminders list, select a reminder and tap Complete.

Restoring reminders

Restore reminders that have been completed.

1. On the reminders list, tap  → Completed → Edit.
2. Tick items to restore and tap Restore. Reminders will be added to the reminders list and you will be reminded at the preset times.

Deleting reminders

To delete a reminder, select a reminder and tap Delete. To delete multiple reminders, tap and hold a reminder, tick reminders to delete, and then tap Delete.

Samsung Flow

Introduction

Samsung Flow allows you to easily connect your tablet to your smartphone and use them conveniently, such as checking notifications or sharing contents.

Samsung Flow must be installed on both devices that you want to connect. If Samsung Flow is not installed, download it from Galaxy Store or Play Store.

Note:

- This feature is only available on some Samsung Android devices.
- To use this feature, you must activate Bluetooth feature on your tablet and your smartphone.

Connecting your tablet and smartphone

1. On your smartphone, launch Samsung Flow.
2. On your tablet, launch the Samsung Flow app.

Note: If you are using this feature for the first time, tap Start.

3. Select your smartphone from the detected devices list.
4. Accept the connection request on both devices.
5. Confirm the passkey on both devices. The devices will be connected.



Note: If your smartphone supports fingerprint recognition feature, set up Samsung Pass on your smartphone to connect the devices more easily and securely using your fingerprint.

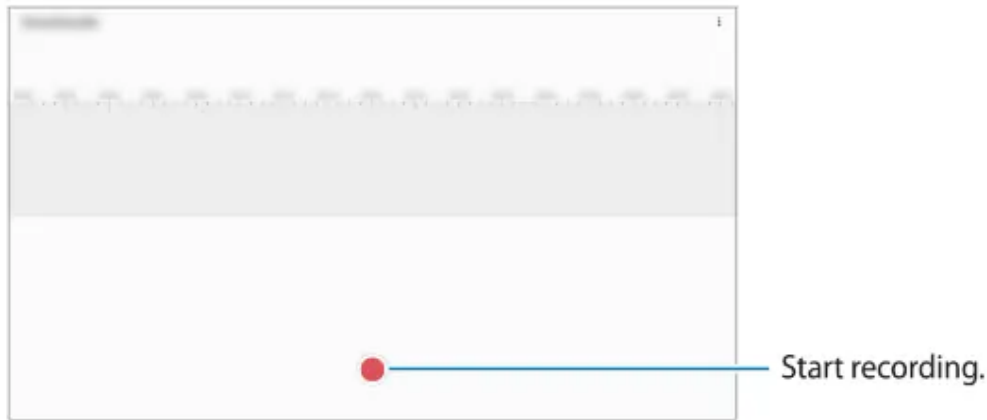
Voice Recorder


Introduction

Use this app to record or play voice memos.

Making voice recordings

1. Launch the Voice Recorder app.
2. Tap  to start recording. Speak into the microphone.
 - Tap  to pause recording.
 - While making a voice recording, tap BOOKMARK to insert a bookmark.



3. Tap  to finish recording.
4. Enter a file name and tap Save.

Clock


Introduction

Set alarms, check the current time in many cities around the world, time an event, or set a specific duration.

Alarm

Launch the Clock app and tap Alarm.

Setting alarms

Tap  in the alarms list, set an alarm time, select the days on which the alarm will repeat, set other various alarm options, and then tap Save.

To open the keypad to enter an alarm time, tap the time input field.

To activate or deactivate alarms, tap the switch next to the alarm in the alarms list.

Stopping alarms

Tap Dismiss to stop an alarm. If you have previously enabled the snooze option, tap Snooze to repeat the alarm after a specified length of time.

Deleting alarms

Tap and hold an alarm, tick alarms to delete, and then tap Delete.

Stopwatch

1. Launch the Clock app and tap Stopwatch.
2. Tap Start to time an event. To record lap times while timing an event, tap Lap.
3. Tap Stop to stop timing.
 - To restart the timing, tap Resume.

- To clear lap times, tap Reset.

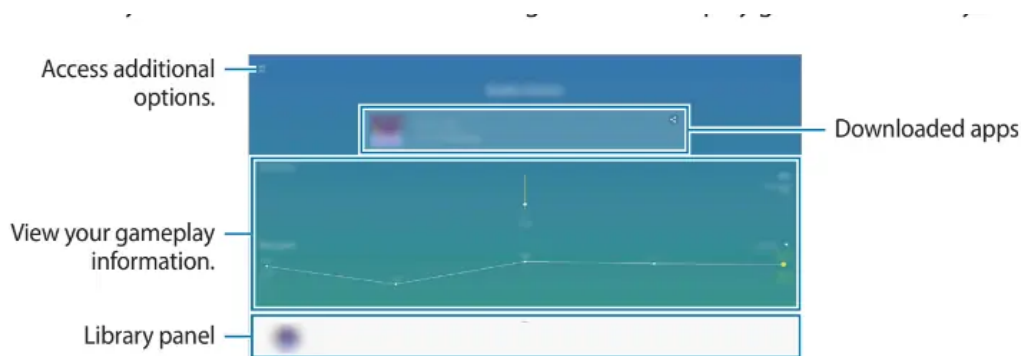
Timer

1. Launch the Clock app and tap Timer. To add a frequently used timer, tap **+**, set the duration and name, and then tap Add.
2. Set the duration and tap Start. To open the keypad to enter the duration, tap the duration input field.
3. Tap Dismiss when the timer goes off.

Game Launcher

Introduction


Game Launcher gathers your games downloaded from Play Store and Galaxy Store into one place for easy access. You can set the device to game mode to play games more easily.



Using Game Launcher

1. Launch the Game Launcher app.
2. Drag the Library panel upwards and tap a game.

Note: Games downloaded from Play Store and Galaxy Store will be automatically shown on the Game Launcher screen. If you cannot see your games, drag the Library panel upwards

and tap  → Add apps.

Google apps

Google provides entertainment, social network, and business apps. You may require a Google account to access some apps.

To view more app information, access each app's help menu.

Note: Some apps may not be available or may be labeled differently depending on the region or service provider.

Chrome

Search for information and browse webpages.

Gmail

Send or receive emails via the Google Mail service.

Maps

Find your location on the map, search the world map, and view location information for various places around you.

YT Music

Enjoy various music and videos provided by YouTube Music. You can also view the music collections stored on your device and play them.

Play Movies & TV

Purchase or rent videos, such as movies and TV programs, from Play Store.

Drive

Store your content on the cloud, access it from anywhere, and share it with others.

YouTube

Watch or create videos and share them with others.

Photos

Search for, manage, and edit all your photos and videos from various sources in one place.

Google

Search quickly for items on the Internet or your device.

Duo

Make a simple video call.

Appendix

Troubleshooting

Before contacting a Samsung Service Center, please attempt the following solutions. Some situations may not apply to your device.

When you turn on your device or while you are using the device, it prompts you to enter one of the following codes:

- Password: When the device lock feature is enabled, you must enter the password you set for the device.

- **PIN:** When using the device for the first time or when the PIN requirement is enabled, you must enter the PIN supplied with the SIM or USIM card. You can disable this feature by using the Lock SIM card menu.
- **PUK:** Your SIM or USIM card is blocked, usually as a result of entering your PIN incorrectly several times. You must enter the PUK supplied by your service provider.
- **PIN2:** When you access a menu requiring the PIN2, you must enter the PIN2 supplied with the SIM or USIM card. For more information, contact your service provider.

Your device displays network or service error messages

- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again. While moving, error messages may appear repeatedly.
- You cannot access some options without a subscription. For more information, contact your service provider.

Your device does not turn on

When the battery is completely discharged, your device will not turn on. Fully charge the battery before turning on the device.

The touchscreen responds slowly or improperly

- If you attach a screen protector or optional accessories to the touchscreen, the touchscreen may not function properly.
- If you are wearing gloves, if your hands are not clean while touching the touchscreen, or if you tap the screen with sharp objects or your fingertips, the touchscreen may malfunction.
- The touchscreen may malfunction in humid conditions or when exposed to water.
- Restart your device to clear any temporary software bugs.
- Ensure that your device software is updated to the latest version.
- If the touchscreen is scratched or damaged, visit a Samsung Service Center.

Your device freezes or encounters a fatal error

Try the following solutions. If the problem is still not resolved, contact a Samsung Service Center.

Restarting the device

If your device freezes or hangs, you may need to close apps or turn off the device and turn it on again.

Forcing restart

If your device is frozen and unresponsive, press and hold the Side key and the Volume Down key simultaneously for more than 7 seconds to restart it.

Resetting the device

If the methods above do not solve your problem, perform a factory data reset.

Launch the Settings app and tap General management → Reset → Factory data reset → Reset → Delete all. Before performing the factory data reset, remember to make backup copies of all important data stored in the device.

Calls are not connected

- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the phone number you are dialing.
- Ensure that you have not set call barring for the incoming phone number.

Others cannot hear you speaking on a call

- Ensure that you are not covering the built-in microphone.
- Ensure that the microphone is close to your mouth.
- If using an earphone, ensure that it is properly connected.

Sound echoes during a call

Adjust the volume by pressing the Volume key or move to another area.

A cellular network or the Internet is often disconnected or audio quality is poor

- Ensure that you are not blocking the device's internal antenna.
- When you are in areas with weak signals or poor reception, you may lose reception. You may have connectivity problems due to issues with the service provider's base station.
- Move to another area and try again.
- When using the device while moving, wireless network services may be disabled due to issues with the service provider's network.

The battery does not charge properly (For Samsung-approved chargers)

- Ensure that the charger is connected properly.
- Visit a Samsung Service Center and have the battery replaced.

The battery depletes faster than when first purchased

- When you expose the device or the battery to very cold or very hot temperatures, the useful charge may be reduced.
- Battery consumption will increase when you use certain features or apps, such as GPS, games, or the Internet.
- The battery is consumable and the useful charge will get shorter over time.

Error messages appear when launching the camera

Your device must have sufficient available memory and battery power to operate the camera app. If you receive error messages when launching the camera, try the following:

- Charge the battery.
- Free some memory by transferring files to a computer or deleting files from your device.
- Restart the device. If you are still having trouble with the camera app after trying these tips, contact a Samsung Service Center.

Photo quality is poorer than the preview

- The quality of your photos may vary, depending on the surroundings and the photography techniques you use.
- If you take photos in dark areas, at night, or indoors, image noise may occur or images may be out of focus.

Error messages appear when opening multimedia files

If you receive error messages or multimedia files do not play when you open them on your device, try the following:

- Free some memory by transferring files to a computer or deleting files from your device.
- Ensure that the music file is not Digital Rights Management (DRM)-protected. If the file is DRM-protected, ensure that you have the appropriate license or key to play the file.
- Ensure that the file formats are supported by the device. If a file format is not supported, such as DivX or AC3, install an app that supports it. To confirm the file formats that your device supports.
- Your device supports photos and videos captured with the device. Photos and videos captured by other devices may not work properly.
- Your device supports multimedia files that are authorized by your network service provider or providers of additional services. Some content circulated on the Internet, such as ringtones, videos, or wallpapers, may not work properly.

Bluetooth is not working well

If another Bluetooth device is not located or there are connection problems or performance malfunctions, try the following:

- Ensure that the device you wish to connect with is ready to be scanned or connected to.
- Ensure that your device and the other Bluetooth device are within the maximum Bluetooth range (10 m).
- On your device, launch the Settings app, tap Connections, and then tap the Bluetooth switch to re-activate it.

- On your device, launch the Settings app, tap General management → Reset → Reset network settings → Reset settings → Reset to reset network settings. You may lose registered information when performing the reset.

If the tips above do not solve the problem, contact a Samsung Service Center.

A connection is not established when you connect the device to a computer

- Ensure that the USB cable you are using is compatible with your device.
- Ensure that you have the proper driver installed and updated on your computer.

Your device cannot find your current location

GPS signals may be obstructed in some locations, such as indoors. Set the device to use Wi-Fi or a mobile network to find your current location in these situations.

Data stored in the device has been lost

Always make backup copies of all important data stored in the device. Otherwise, you cannot restore data if it is corrupted or lost. Samsung is not responsible for the loss of data stored in the device.

A small gap appears around the outside of the device case

- This gap is a necessary manufacturing feature and some minor rocking or vibration of parts may occur.
- Over time, friction between parts may cause this gap to expand slightly.

There is not enough space in the device's storage

Delete unnecessary data, such as cache, using the device care feature or manually delete unused apps or files to free up storage space.

The Home button does not appear

The navigation bar containing the Home button may disappear while using certain apps or features. To view the navigation bar, drag upwards from the bottom of the screen.

The screen brightness adjustment bar does not appear on the notification panel

Open the notification panel by dragging the status bar downwards, and then drag the notification panel downwards. Tap → Quick panel layout, and tap the Show brightness on top switch to activate it.

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.

