

SAMSUNG

USER MANUAL

SM-A526B
SM-A526B/DS

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www.samsung.com

Table of Contents

Basics

4	Read me first
7	Device overheating situations and solutions
10	Device layout and functions
14	Charging the battery
16	SIM or USIM card (nano-SIM card)
18	Memory card (microSD card)
20	Turning the device on and off
21	Initial setup
21	Samsung account
22	Transferring data from your previous device (Smart Switch)
24	Understanding the screen
32	Notification panel
33	Screen capture and screen record
35	Entering text

Apps and features

37	Installing or uninstalling apps
38	Phone
41	Contacts
43	Messages
44	Internet
45	Camera
59	Gallery
63	AR Zone

67	Bixby (Galaxy A52)
69	Bixby Vision
70	Bixby Routines
72	Multi window
74	Samsung Pay
76	Samsung Health
77	Samsung Notes
77	Samsung Members
77	Galaxy Shop
78	Galaxy Wearable
78	Calendar
79	Reminder
80	Radio
81	Voice Recorder
82	My Files
82	Clock
82	Calculator
83	Game Launcher
84	Game Booster
85	Samsung Kids
85	SmartThings
86	Sharing content
87	Music Share
89	Smart View
89	Link to Windows
90	Samsung Global Goals
91	Google apps

Settings

- 92 Introduction
- 92 Samsung account
- 92 Connections
 - 93 Wi-Fi
 - 95 Bluetooth
 - 96 NFC and contactless payments
 - 97 Data saver
 - 98 Mobile data only apps
 - 98 Mobile Hotspot
 - 99 More connection settings
- 100 Sounds and vibration
 - 100 Sound quality and effects
 - 101 Separate app sound
- 101 Notifications
- 102 Display
 - 103 Motion smoothness
 - 103 Changing the screen mode or adjusting the display colour
- 104 Wallpaper
- 104 Themes
- 104 Home screen
- 105 Lock screen
 - 105 Smart Lock
 - 106 Always On Display
- 107 Biometrics and security
 - 108 Face recognition
 - 110 Fingerprint recognition
 - 113 Samsung Pass
 - 115 Secure Folder
 - 118 Secure Wi-Fi (Galaxy A52)
- 119 Privacy
- 119 Location
- 119 Google
- 120 Accounts and backup
 - 120 Samsung Cloud
- 121 Advanced features
 - 122 Motions and gestures
 - 123 Dual Messenger
- 124 Digital Wellbeing and parental controls
- 124 Battery and device care
 - 124 Optimising your device
 - 125 Battery
 - 125 Storage
 - 125 Memory
 - 126 Device protection
- 126 Apps
- 126 General management
- 127 Accessibility
- 128 Software update
- 128 About phone

Appendix

- 129 Troubleshooting
- 134 Removing the battery

Basics

Read me first

Please read this manual before using the device to ensure safe and proper use.

- Descriptions are based on the device's default settings.
- Some content may differ from your device depending on the region, service provider, model specifications, or device's software.
- The device may require a connection to a Wi-Fi or mobile network when using some apps or features.
- Content (high quality content) that requires high CPU and RAM usage will affect the overall performance of the device. Apps related to the content may not work properly depending on the device's specifications and the environment that it is used in.
- Samsung is not liable for performance issues caused by apps supplied by providers other than Samsung.
- Samsung is not liable for performance issues or incompatibilities caused by edited registry settings or modified operating system software. Attempting to customise the operating system may cause the device or apps to work improperly.
- Software, sound sources, wallpapers, images, and other media provided with this device are licensed for limited use. Extracting and using these materials for commercial or other purposes is an infringement of copyright laws. Users are entirely responsible for illegal use of media.
- You may incur additional charges for data services, such as messaging, uploading and downloading, auto-syncing, or using location services depending on your data plan. For large data transfers, it is recommended to use the Wi-Fi feature.
- Default apps that come with the device are subject to updates and may no longer be supported without prior notice. If you have questions about an app provided with the device, contact a Samsung Service Centre. For user-installed apps, contact service providers.
- Modifying the device's operating system or installing softwares from unofficial sources may result in device malfunctions and data corruption or loss. These actions are violations of your Samsung licence agreement and will void your warranty.

- Depending on the region or service provider, a screen protector is attached for protection during production and distribution. Damage to the attached screen protector is not covered by the warranty.
- You can see the touchscreen clearly even in strong outdoor sunlight by automatically adjusting the contrast range based on the surrounding environment. Due to the nature of the product, displaying fixed graphics for extended periods may result in afterimages (screen burn-in) or ghosting.
 - It is recommended not to use fixed graphics on part or all of the touchscreen for extended periods and turn off the touchscreen when not using the device.
 - You can set the touchscreen to turn off automatically when you are not using it. Launch the **Settings** app, tap **Display** → **Screen timeout**, and then select the length of time you want the device to wait before turning off the touchscreen.
 - To set the touchscreen to automatically adjust its brightness based on the surrounding environment, launch the **Settings** app, tap **Display**, and then tap the **Adaptive brightness** switch to activate it.

- Depending on the region or model, some devices are required to receive approval from the Federal Communications Commission (FCC).

If your device is approved by the FCC, you can view the FCC ID of the device. To view the FCC ID, launch the **Settings** app and tap **About phone** → **Status information**. If your device does not have an FCC ID, it means that the device has not been authorised for sale in the U.S. or its territories and may only be brought to the U.S. for the owner's personal use.

- The use of mobile devices on aeroplanes or ships may be subject to federal and local guidelines and restrictions. Check with the appropriate authorities and always follow crew instructions regarding when and how you may use your device.
- Depending on the region, you can view the regulatory information on the device. To view the information, launch the **Settings** app and tap **About phone** → **Regulatory information**.

Maintaining water and dust resistance

Your device supports water- and dust-resistance. Follow these tips carefully to maintain the water- and dust-resistance of your device. Failure to do so may result in damage to your device.

- Do not immerse the device in fresh water deeper than 1 m or keep it submerged for more than 30 minutes. If you immerse the device in any liquid other than fresh water, such as salt water, ionised water, or alcoholic beverage, liquid will enter the device faster.
- Do not expose the device to **water moving with force**.
- If the device is exposed to fresh water, dry it thoroughly with a clean, soft cloth. If the device is exposed to other liquids, such as salt water, swimming pool water, soapy water, oil, perfume, sunscreen, hand cleaner, or chemical products such as cosmetics, rinse it with fresh water and dry it thoroughly with a clean, soft cloth. If you do not follow these instructions, the device's performance and appearance may be affected.
- **If the device has been immersed in water or the microphone or speaker is wet**, sound may not be heard clearly during a call. After wiping the device with a dry cloth, dry it thoroughly before using it.
- The touchscreen and other features may not work properly **if the device is used in water**.
- **If the device is dropped or receives an impact**, the water- and dust-resistant features of the device may be damaged.
- **Your device has been tested in a controlled environment and certified to be water- and dust-resistant in specific situations (meets requirements of classification IP67 as described by the international standard IEC 60529-Degrees of Protection provided by Enclosures [IP Code]; test conditions: 15-35 °C, 86-106 kPa, fresh water, 1 metre, 30 minutes). Despite this classification, it is still possible for your device to be damaged in certain situations.**

Instructional icons



Warning: situations that could cause injury to yourself or others



Caution: situations that could cause damage to your device or other equipment



Notice: notes, usage tips, or additional information

Device overheating situations and solutions

When the device heats up while charging the battery

While charging, the device and the charger may become hot. During wireless charging or fast charging, the device may feel hotter to the touch. This does not affect the device's lifespan or performance and is in the device's normal range of operation. If the battery becomes too hot, the charging speed may decrease or the charger may stop charging.

Do the following when the device heats up:

- Disconnect the charger from the device and close any running apps. Wait for the device to cool down and then begin charging the device again.
- If the lower part of the device overheats, it could be because the connected USB cable is damaged. Replace the damaged USB cable with a new Samsung-approved one.
- When using a wireless charger, do not place foreign materials, such as metal objects, magnets, and magnetic stripe cards, between the device and the wireless charger.



The wireless charging or fast charging feature is only available on supported models.

When the device heats up during use

When you use features or apps that require more power or use them for extended periods, your device may temporarily heat up due to increased battery consumption. Close any running apps and do not use the device for a while.

The following are examples of situations in which the device may overheat. Depending on the functions and apps you use, these examples may not apply to your model.

- During the initial setup after purchase or when restoring data
- When downloading large files

- When using apps that require more power or using apps for extended periods
 - When playing high-quality games for extended periods
 - When recording videos for extended periods
 - When streaming videos while using the maximum brightness setting
 - When connecting to a TV
- While multitasking (or, when running many apps in the background)
 - When using Multi window
 - When updating or installing apps while recording videos
 - When downloading large files during a video call
 - When recording videos while using a navigation app
- When using large amount of data for syncing with the cloud, email, or other accounts
- When using a navigation app in a car while the device is placed in direct sunlight
- When using the mobile hotspot and tethering feature
- When using the device in areas with weak signals or no reception
- When charging the battery with a damaged USB cable
- When the device's multipurpose jack is damaged or exposed to foreign materials, such as liquid, dust, metal powder, and pencil lead
- When you are roaming

Do the following when the device heats up:

- Keep the device updated with the latest software.
- Conflicts between running apps may cause the device to heat up. Restart the device.
- Deactivate the Wi-Fi, GPS, and Bluetooth features when not using them.
- Close apps that increase battery consumption or that run in the background when not in use.
- Delete unnecessary files or unused apps.
- Decrease the screen brightness.
- If the device overheats or feels hot for a prolonged period, do not use it for a while. If the device continues to overheat, contact a Samsung Service Centre.

Precautions for device overheating

If you begin to feel uncomfortable due to the device overheating, stop using the device.

When the device heats up, the features and performance may be limited or the device may turn off to cool down. The feature is only available on supported models.

- If the device overheats and reaches a certain temperature, a warning message will appear to prevent device failure, skin irritations and damages, and battery leakage. To lower the device's temperature, the screen brightness and the performance speed will be limited and battery charging will stop. Running apps will be closed and all calling and other features will be limited, except for emergency calls, until the device cools down.
- If the second message appears due to a further increase of the device's temperature, the device will turn off. Do not use the device until the device's temperature drops below the specified level. If the second warning message appears during an emergency call, the call will not be disconnected by a forced shut down.

Precautions for operating environment

Your device may heat up due to the environment in the following conditions. Use caution to avoid shortening the battery's lifespan, damaging the device, or causing a fire.

- Do not store your device in very cold or very hot temperatures.
- Do not expose your device to direct sunlight for extended periods.
- Do not use or store your device for extended periods in very hot areas, such as inside a car in the summertime.
- Do not place the device in any areas that may overheat, such as on an electric heating mat.
- Do not store your device near or in heaters, microwaves, hot cooking equipment, or high pressure containers.
- Do not use a cable whose covering is peeled off or damaged, and do not use any charger or battery that is damaged or malfunctioning.

Device layout and functions

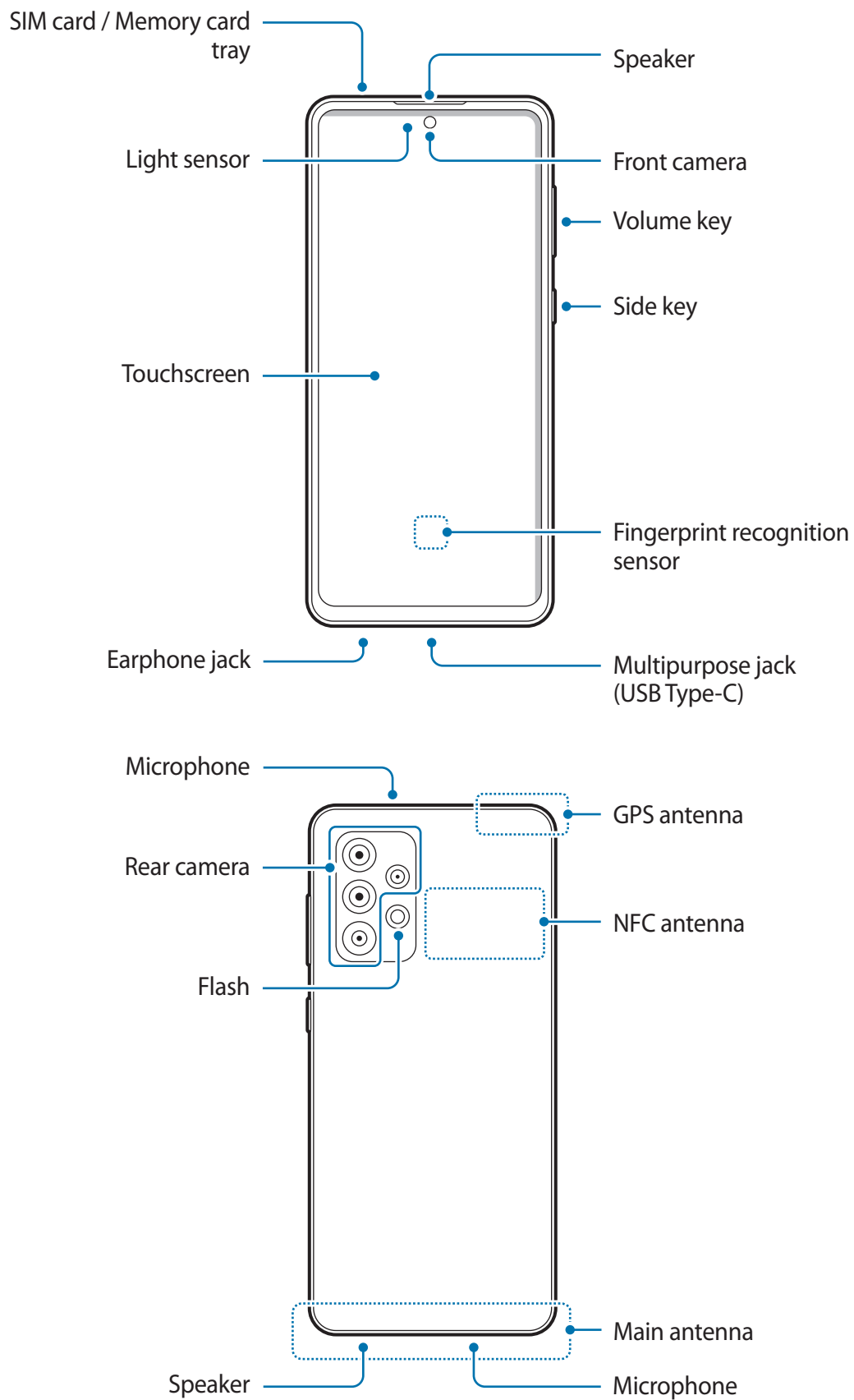
Package contents

Refer to the quick start guide for package contents.



- The items supplied with the device and any available accessories may vary depending on the region or service provider.
- The supplied items are designed only for this device and may not be compatible with other devices.
- Appearances and specifications are subject to change without prior notice.
- You can purchase additional accessories from your local Samsung retailer. Make sure they are compatible with the device before purchase.
- Use only Samsung-approved accessories. Using unapproved accessories may cause the performance problems and malfunctions that are not covered by the warranty.
- Availability of all accessories is subject to change depending entirely on manufacturing companies. For more information about available accessories, refer to the Samsung website.

Device layout



- ❗ • 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 Centre.
- 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.
- 📝 • 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
- 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.

Hard keys

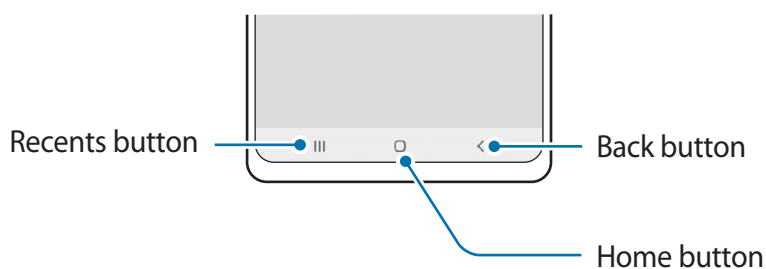
Key	Function
Side key	• When the device is off, press and hold to turn it on. (Galaxy A52) • Press and hold to turn the device on or off. (Galaxy A72) • Press to turn on or lock the screen. • Press and hold to start a conversation with Bixby. Refer to Using Bixby for more information. (Galaxy A52) • Press twice or press and hold to launch the app or feature you set.
Side key + Volume Down key	• Press simultaneously to capture a screenshot. • Press and hold simultaneously to turn off the device.

Setting the Side key

Select an app or feature to launch by pressing the Side key twice or pressing and holding the Side key.

Launch the **Settings** app, tap **Advanced features** → **Side key**, and then select an option you want.

Soft buttons



When you turn on the screen, the soft buttons will appear at the bottom of the screen. Refer to [Navigation bar \(soft buttons\)](#) for more information.

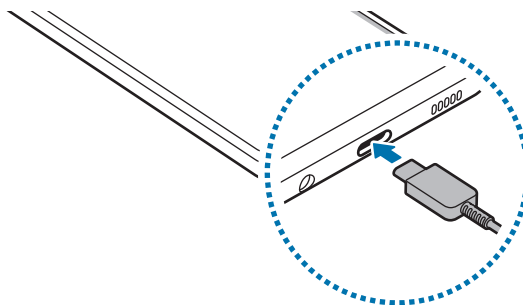
Charging the battery

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

-  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.
-  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.

Wired charging

Connect the USB cable to the USB power adaptor and plug the cable into the device's multipurpose jack to charge the battery. After fully charging, disconnect the charger from the device.



Quick charging

Launch the **Settings** app, tap **Battery and device care** → **Battery** → **More battery settings**, and then activate the feature you want.

- **Fast charging:** To use the fast charging feature, use a battery charger that supports Adaptive fast charging.



You can charge the battery more quickly while the device or its screen is turned off.

Reducing the battery consumption

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

- Optimise 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.

Battery charging tips and precautions

- If the battery is completely discharged, the device cannot be turned on immediately when the charger is connected. Allow a depleted battery to charge for a few minutes before turning on the device.
- If you use multiple apps at once, network apps, or apps that need a connection to another device, the battery will drain quickly. To avoid losing power during a data transfer, always use these apps after fully charging the battery.
- Using a power source other than the charger, such as a computer, may result in a slower charging speed due to a lower electric current.
- The device can be used while it is charging, but it may take longer to fully charge the battery.
- If the device receives an unstable power supply while charging, the touchscreen may not function. If this happens, unplug the charger from the device.

- While charging, the device and the charger may heat up. This is normal and should not affect the device's lifespan or performance. If the battery gets hotter than usual, the charger may stop charging.
- If you charge the device while the multipurpose jack is wet, the device may be damaged. Thoroughly dry the multipurpose jack before charging the device.
- If the device is not charging properly, take the device and the charger to a Samsung Service Centre.

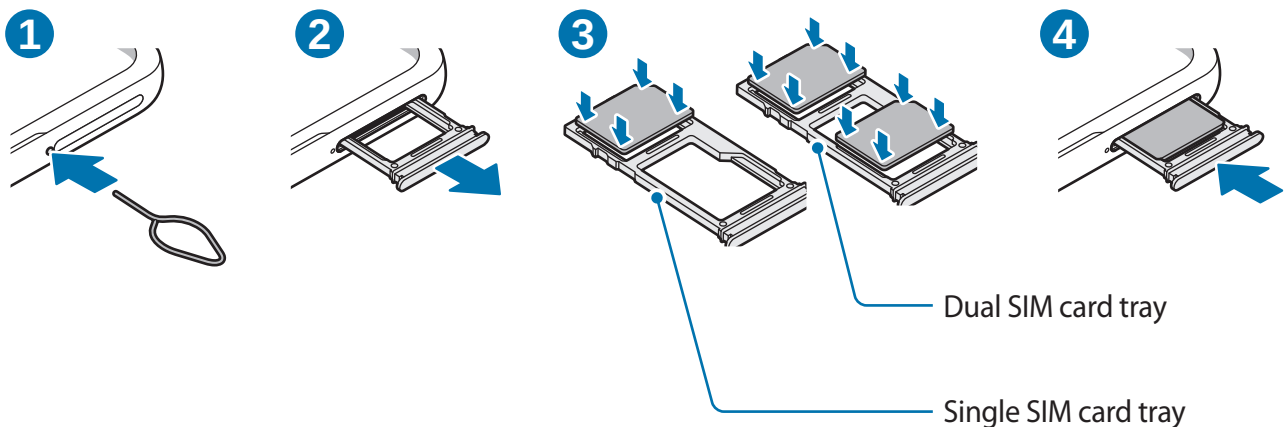
SIM or USIM card (nano-SIM card)

Insert the SIM or USIM card provided by the mobile telephone service provider.

For dual SIM models, you can insert two SIM or USIM cards so you can have two phone numbers or service providers for a single device. In some areas, data transfer speeds may be slower if two SIM cards are inserted in the device than when one SIM card is inserted.

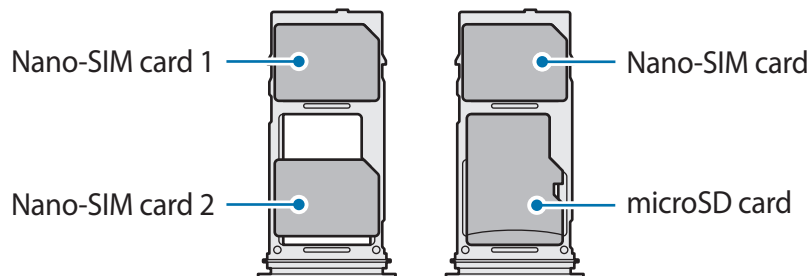
 Some services that require a network connection may not be available depending on the service provider.

Installing the SIM or USIM card



- 1 Insert the ejection pin into the hole next to the tray to loosen the tray.
 - 2 Pull out the tray gently from the tray slot.
 - 3 Place the SIM or USIM card on the tray with the gold-coloured contacts facing downwards and gently press the SIM or USIM card into the tray to secure it.
 - 4 Insert the tray back into the tray slot.
- ❗ • Use only a nano-SIM card.
 - Use caution not to lose or let others use the SIM or USIM card. Samsung is not responsible for any damages or inconveniences caused by lost or stolen cards.
 - Ensure that the ejection pin is perpendicular to the hole. Otherwise, the device may be damaged.
 - If the card is not fixed firmly into the tray, the SIM card may leave or fall out of the tray.
 - 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.

Correct card installation (dual SIM card tray)



SIM card manager (dual SIM models)

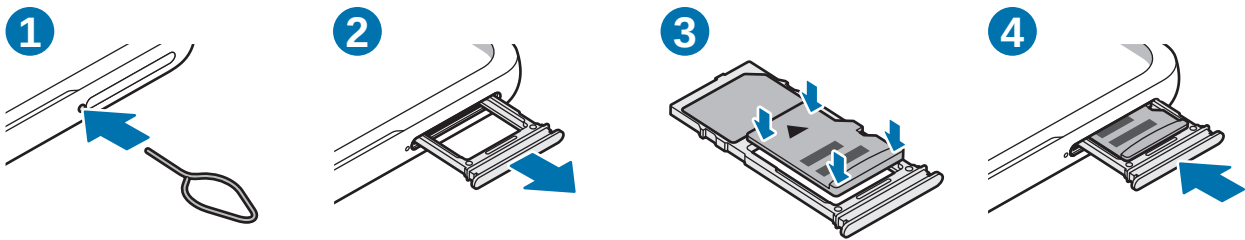
Launch the **Settings** app and tap **Connections** → **SIM card manager**.

- **SIM cards:** Activate the SIM card to use and customise the SIM card settings.
- **Preferred SIM card:** Select to use specific SIM cards for some features, such as voice calls, when two cards are activated.
- **More SIM card settings:** Customise the call settings.

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.



- 1 Insert the ejection pin into the hole next to the tray to loosen the tray.
- 2 Pull out the tray gently from the tray slot.
- 3 Place a memory card on the tray with the gold-coloured contacts facing downwards and gently press the memory card into the tray to secure it.
- 4 Insert the tray back into the tray slot.

- ❗ • 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.
- Ensure that the ejection pin is perpendicular to the hole. Otherwise, the device may be damaged.
- When you remove the tray from the device, the mobile data connection will be disabled.
- If the card is not fixed firmly into the tray, the memory card may leave or fall out of the tray.
- 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.



- 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 recognise the card. To use the memory card, you must format it. If your device cannot format or recognise the memory card, contact the memory card manufacturer or a Samsung Service Centre.
- 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.

Removing the memory card

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

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



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 **Battery and device care** → **Storage** →  → **Advanced** → **SD card** → **Format**.

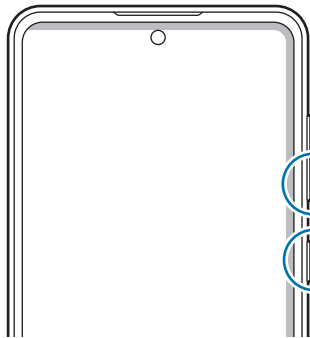


Before formatting the memory card, remember to make backup copies of all important data stored in the memory card. The manufacturer's warranty does not cover loss of data resulting from user actions.

Turning the device on and off



Follow all posted warnings and directions from authorised personnel in areas where the use of wireless devices is restricted, such as aeroplanes and hospitals.



Volume Down key
Side key



Turning the device on

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

Turning the device off

1 To turn off the device, press and hold the Side key and the Volume Down key simultaneously. Alternatively, open the notification panel, swipe downwards, and then tap .

2 Tap **Power off**.

To restart the device, tap **Restart**.



You can set the device to turn off when you press and hold the Side key. Launch the **Settings** app, tap **Advanced features** → **Side key**, and then tap **Power off menu** under **Press and hold**. (Galaxy A52)

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.

Emergency mode

You can switch the device to emergency mode to reduce battery consumption. Some apps and functions will be restricted. In emergency mode, you can make an emergency call, send your current location information to others, sound an emergency alarm, and more.

To activate emergency mode, press and hold the Side key and the Volume Down key simultaneously, and then tap **Emergency mode**. Alternatively, open the notification panel, swipe downwards, and then tap  → **Emergency mode**.

To deactivate emergency mode, tap  → **Turn off Emergency mode**.

 The usage time left shows the time remaining before the battery power runs out. Usage time left may vary depending on your device settings and operating conditions.

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.

 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, visit account.samsung.com.

1 Launch the **Settings** app and tap **Accounts and backup** → **Manage accounts** → **Add account** → **Samsung account**.

Alternatively, launch the **Settings** → **Samsung account**.

2 If you already have a Samsung account, sign in to your Samsung account.

- If you want to sign in using your Google account, tap **Continue with Google**.
- If you do not have a Samsung account, tap **Create 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.

Signing out of your Samsung account

When you sign out of your Samsung account, your data, such as contacts or events, will also be removed from your device.

- 1 Launch the **Settings** app and tap **Accounts and backup** → **Manage accounts**.
- 2 Tap **Samsung account** → **My profile** and tap **Sign out** at the bottom of the screen.
- 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** → **Bring data from old device**.



- This feature may not be supported on some devices or computers.
- Limitations apply. Visit www.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** → **Bring data from old device**.

- 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**.

Backing up and restoring data using external storage

Transfer data using external storage, such as a microSD card.

- 1 Back up data from your previous device to external storage.
- 2 Insert or connect the external storage device to your device.
- 3 On your device, launch the **Settings** app and tap **Accounts and backup** → **External storage transfer** → **Restore**.
- 4 Follow the on-screen instructions to transfer data from external storage.

Transferring backup data from a computer

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

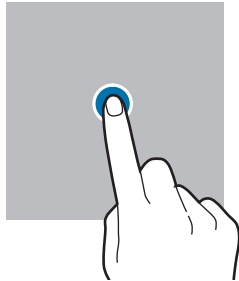
- 1 On the computer, visit www.samsung.com/smartswitch to download Smart Switch.
- 2 On the computer, launch Smart Switch.
-  If your previous device is not a Samsung device, back up data to a computer using a program provided by the device's manufacturer. Then, skip to the fifth step.
- 3 Connect your 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.
- 5 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

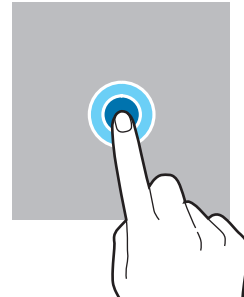
Tapping

Tap the screen.



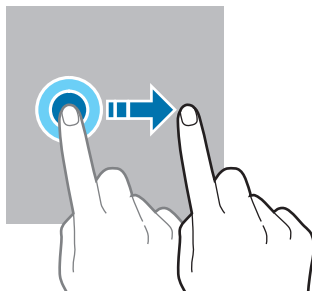
Tapping and holding

Tap and hold the screen for approximately 2 seconds.



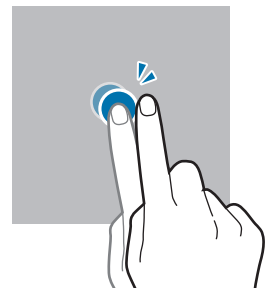
Dragging

Tap and hold an item and drag it to the target position.



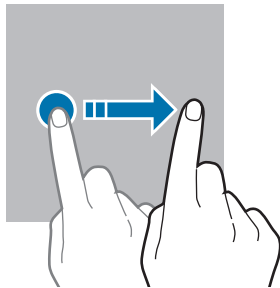
Double-tapping

Double-tap the screen.



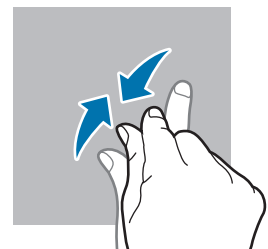
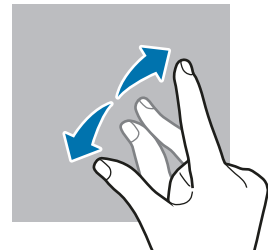
Swiping

Swipe upwards, downwards, to the left, or to the right.



Spreading and pinching

Spread two fingers apart or pinch on the screen.



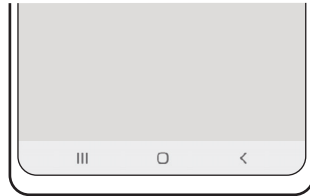
- Do not allow the touchscreen to come into contact with other electrical devices. Electrostatic discharges can cause the touchscreen to malfunction.
- To avoid damaging the touchscreen, do not tap it with anything sharp or apply excessive pressure to it with your fingertips.
- It is recommended not 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.



The device may not recognise touch inputs close to the edges of the screen, which are outside of the touch input area.

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
	Recents	• Tap to open the list of recent apps.
○	Home	• Tap to return to the Home screen. • Tap and hold to launch the Google Assistant app.
<	Back	• 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



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.

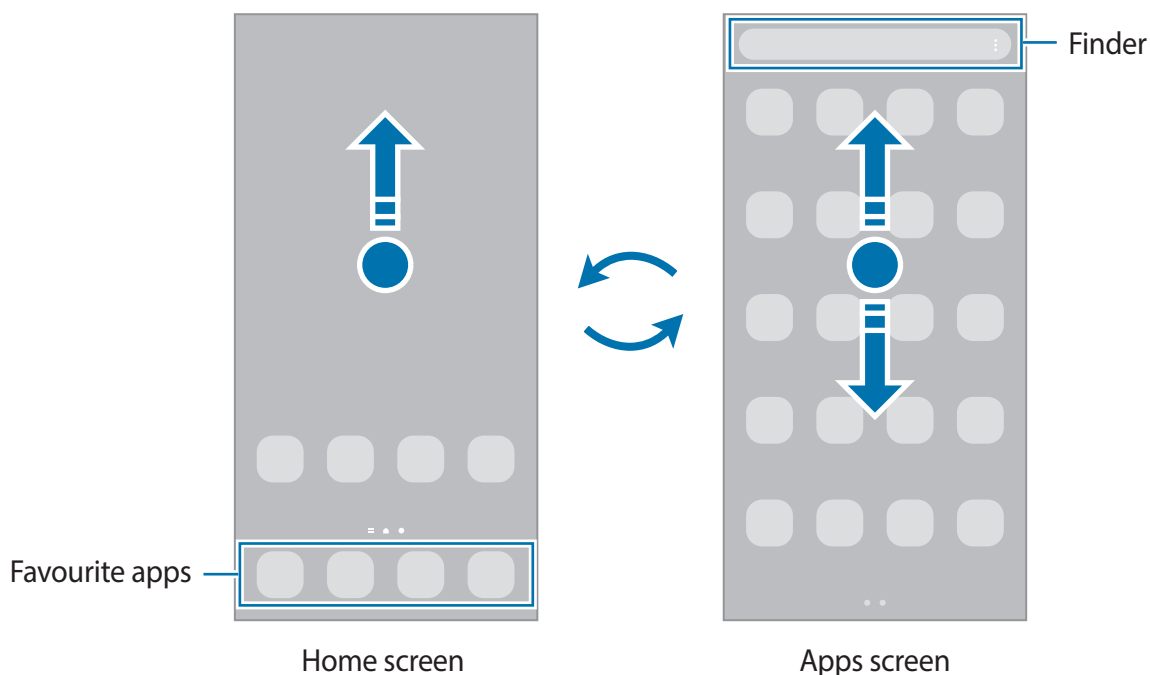
The Apps screen displays icons for all apps, including newly installed apps.

Switching between Home and Apps screens

On the Home screen, swipe upwards to open the Apps screen.

To return to the Home screen, swipe upwards or downwards on the Apps screen.

Alternatively, tap the Home button or the Back button.



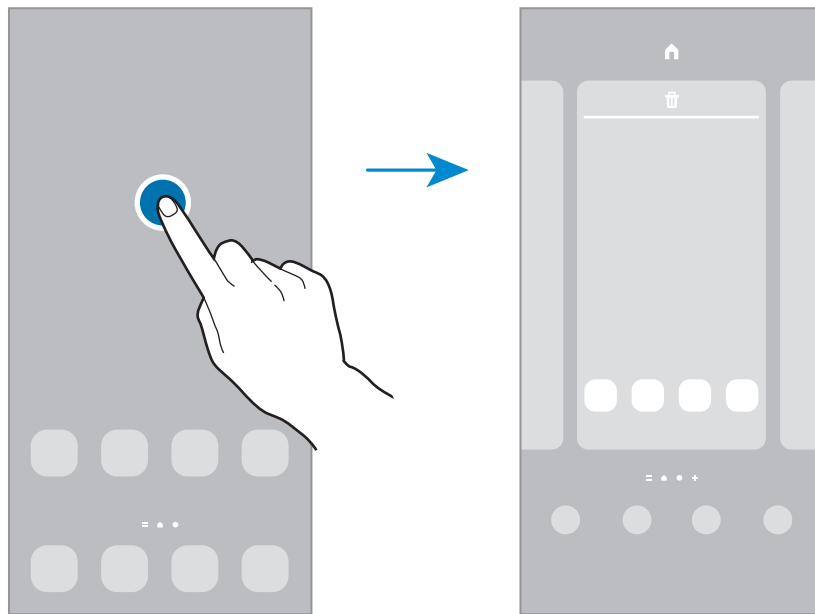
If you add the Apps button on the Home screen, you can open the Apps screen by tapping the button. On the Home screen, tap and hold an empty area, tap **Settings**, and then tap the **Show Apps screen button on Home screen** switch to activate it. The Apps button will be added at the bottom of the Home screen.



Editing the Home screen

On the Home screen, tap and hold an empty area, or pinch your fingers together to access the editing options. You can set the wallpaper, add widgets, and more. You can also add, delete, or rearrange Home screen panels.

- Adding panels: Swipe to the left, and then tap .
- Moving panels: Tap and hold a panel preview, and then drag it to a new location.
- Deleting panels: Tap  on the panel.



- **Wallpapers:** Change the wallpaper settings for the Home screen and the locked screen.
- **Themes:** Change the device's theme. Visual elements of interface, such as colours, icons, and wallpapers, will change depending on the selected theme.
- **Widgets:** Widgets are small apps that launch specific app functions to provide information and convenient access on your Home screen. Select a widget and tap **Add**. The widget will be added on the Home screen.
- **Settings:** Configure settings for the Home screen, such as the screen layout.

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 **Settings** → **Home screen layout** → **Home screen only** → **Apply**.

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

Launching Finder

Search for content on the device quickly.

- 1 On the Apps screen, tap **Search**. Alternatively, open the notification panel, swipe downwards, and then tap **Q**.
- 2 Enter a keyword.
Apps and content on your device will be searched.
If you tap **Q** on the keyboard, you can search for more content.

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.

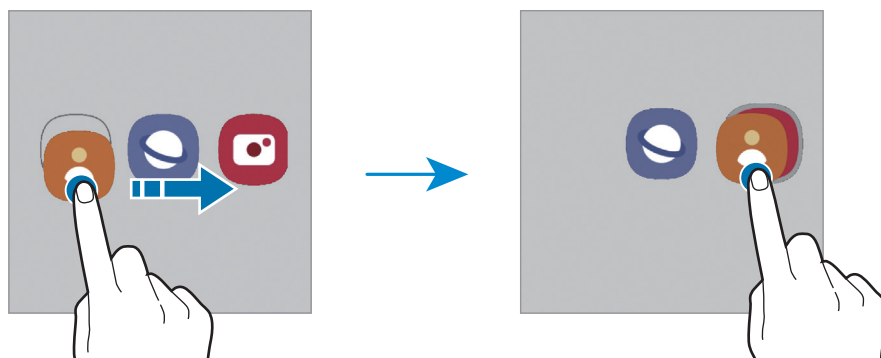
You can also move frequently used apps to the shortcuts area at the bottom of the Home screen.

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**

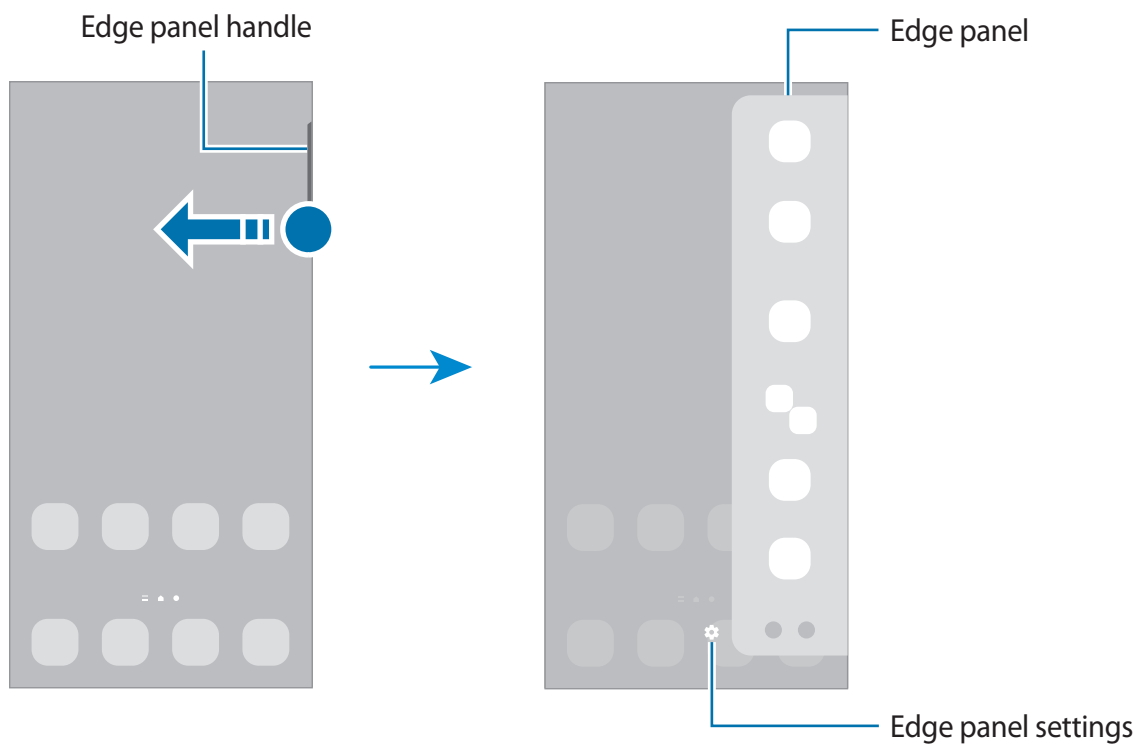
Tap and hold a folder, and then tap **Delete folder**. Only the folder will be deleted. The folder's apps will be relocated to the Apps screen.

Edge panel

You can quickly access your favourite apps and features from the Edge panels.

Drag the Edge panel handle towards the centre of the screen.

If the Edge panel handle is not visible, launch the **Settings** app, tap **Display**, and then tap the **Edge panels** switch to activate it.



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.

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.

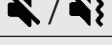
When you set a pattern, PIN, password, or your biometric data for the screen lock method, you can protect your personal information by preventing others from accessing your device. After setting the screen lock method, the device will require an unlock code whenever unlocking it.

 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.

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.

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
	5G network connected

Icon	Meaning
	LTE network connected in LTE network that includes the 5G network
	Wi-Fi connected
	Bluetooth feature activated
	Location services being used
	Call in progress
	Missed call
	New text or multimedia message
	Alarm activated
	Mute mode / Vibration mode
	Flight mode activated
	Error occurred or caution required
	Battery charging / Battery power level



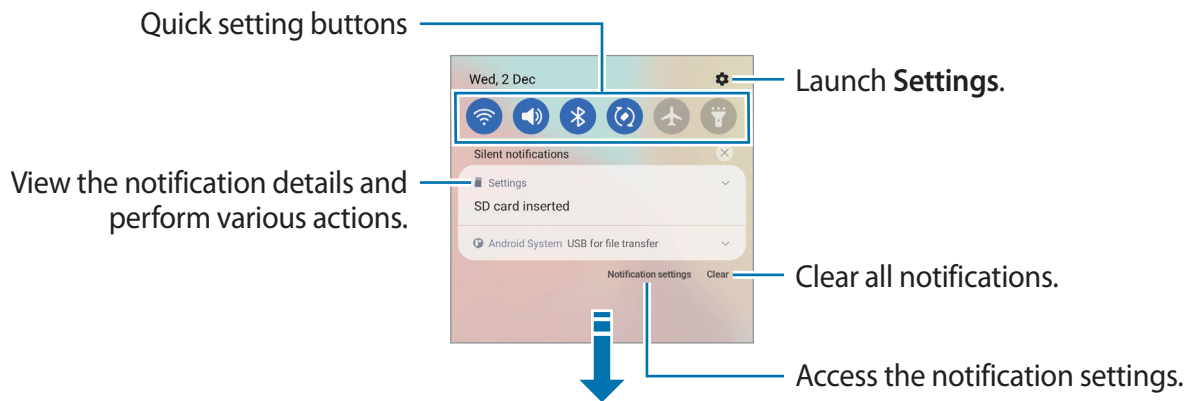
- The status bar may not appear at the top of the screen in some apps. To display the status bar, drag down from the top of the screen.
- Some indicator icons appear only when you open the notification panel.
- The indicator icons may appear differently depending on the service provider or model.

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 add more buttons, tap .



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

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

Controlling media playback

Take control of music or video playback easily using the Media feature. You can also continue playback on another device.

- 1 Open the notification panel, swipe downwards, and then tap **Media**.
- 2 Tap the icons on the controller to control the playback.
To continue playback on another device, tap  and select the device you want.

Controlling nearby devices

Launch quickly and take control of nearby connected devices and frequently used SmartThings devices and scenes on the notification panel.

- 1 Open the notification panel, swipe downwards, and then tap **Devices**.
Nearby connected devices and SmartThings devices and scenes will appear.
- 2 Select a nearby device or a SmartThings device to control it, or select a scene to launch it.

Screen capture and screen record

Screen capture

Capture a screenshot while using the device and write on, draw on, crop, or share the captured screen. You can capture the current screen and scrollable area.

How to capture a screenshot

Use the following methods to capture a screenshot. You can view the captured screenshots in **Gallery**.

Method 1) Key capture: Press the Side key and the Volume Down key simultaneously.

Method 2) Swipe capture: Swipe your hand to the left or right across the screen.

- It is not possible to capture a screenshot while using some apps and features.
- If capturing a screenshot by swiping is not activated, launch the **Settings** app, tap **Advanced features** → **Motions and gestures**, and then tap the **Palm swipe to capture** switch to activate it.

After capturing a screenshot, use the following options on the toolbar at the bottom of the screen:



- : Capture the current content and the hidden content on an elongated page, such as a webpage. When you tap , the screen will automatically scroll down and more content will be captured.
- : Write or draw on the screenshot or crop a portion from the screenshot. You can view the cropped area in **Gallery**.
- : Add tags to the screenshot. To search for screenshots by tag, tap **Search** at the top of the Apps screen and tap **Screenshots** → **Q**. You can view the tags list and easily search for the screenshot you want.
- : Share the screenshot with others.

- If the options are not visible on the captured screen, launch the **Settings** app, tap **Advanced features** → **Screenshots and screen recorder**, and then tap the **Screenshot toolbar** switch to activate it.

Screen record

Record the screen while using your device.

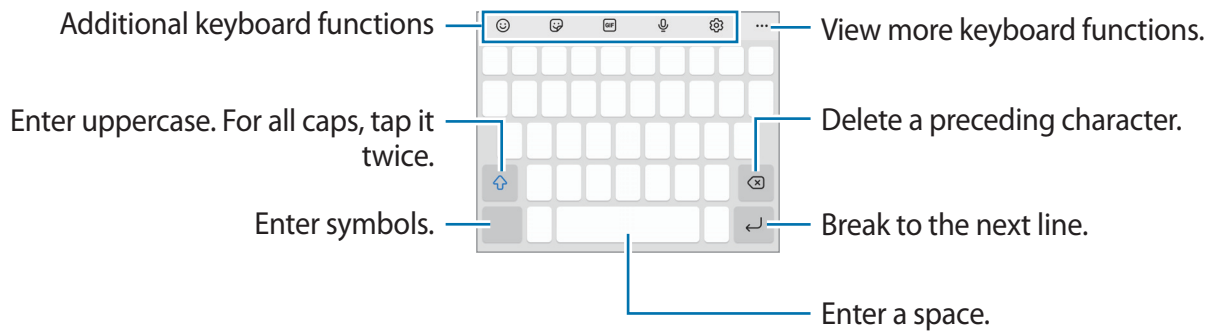
- 1 Open the notification panel, swipe downwards, and then tap (**Screen recorder**) to activate it.
- 2 Select a sound setting and tap **Start recording**.
After a countdown, recording will start.
 - To write or draw on the screen, tap .
 - To record the screen with a video overlay of yourself, tap . (Galaxy A72)
- 3 When you are finished recording the video, tap .
You can view the video in **Gallery**.

- To change the screen recorder settings, launch the **Settings** app and tap **Advanced features** → **Screenshots and screen recorder**.

Entering text

Keyboard layout

A keyboard appears automatically when you enter text.



 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.

Changing the keyboard

On the navigation bar, tap  to change the keyboard.

To change the keyboard type, tap  → **Languages and types**, select a language, and then select the keyboard type you want.

-  If the keyboard button () does not appear on the navigation bar, launch the **Settings** app, tap **General management** → **Keyboard list and default**, and then tap the **Keyboard button on navigation bar** switch to activate it.
- On a 3 x 4 keyboard, a key has three or four characters. To enter a character, tap the corresponding key repeatedly until the desired character appears.

Additional keyboard functions

-  : Enter emoticons.
-  : Enter stickers. You can also enter your emoji stickers that look like you. Refer to [Using your emoji stickers in chats](#) for more information.
-  : Attach animated GIFs.
-  : Enter text by voice.
-  : Change the keyboard settings.

Tap  to use more keyboard functions.

-  : Search for content and enter it.
-  : Translate text and enter it.
-  : Enter your personal information registered to Samsung Pass.
-  : Share video links.
-  : Add an item from the clipboard.
-  : Open the text editing panel.
-  : Change the keyboard mode.
-  : Change the keyboard size.
-  : Enter stickers.



Some features may not be available depending on the service provider or model.

Copying and pasting

- 1 Tap and hold over text.
- 2 Drag  or  to select the desired text, or tap **Select all** to select all text.
- 3 Tap **Copy** or **Cut**.
The selected text is copied to the clipboard.
- 4 Tap and hold where the text is to be inserted and tap **Paste**.
To paste text that you have previously copied, tap **Clipboard** and select the text.

Apps and features

Installing or uninstalling apps

Galaxy Store

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

Launch the **Galaxy Store** app. Browse apps by category or tap **Q** to search for a keyword.



- This app may not be available depending on the service provider or model.
- 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. Browse apps by category or search for apps by keyword.



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

Managing apps

Uninstalling or disabling apps

Tap and hold an app and select an option.

- **Uninstall:** Uninstall downloaded apps.
- **Disable:** Disable selected default apps that cannot be uninstalled from the device.



- Some apps may not support this feature.

Enabling apps

Launch the **Settings** app, tap **Apps** → **⌵** → **Disabled** → **OK**, select an app, and then tap **Enable**.

Setting app permissions

For some apps to operate properly, they may need permission to access or use information on your device.

To view your app permission settings, launch the **Settings** app and tap **Apps**. Select an app and tap **Permissions**. You can view the app's permissions list and change its permissions.

To view or change app permission settings by permission category, launch the **Settings** app and tap **Apps** → ⋮ → **Permission manager**. Select an item and select an app.



If you do not grant permissions to apps, the basic features of the apps may not function properly.

Phone

Introduction

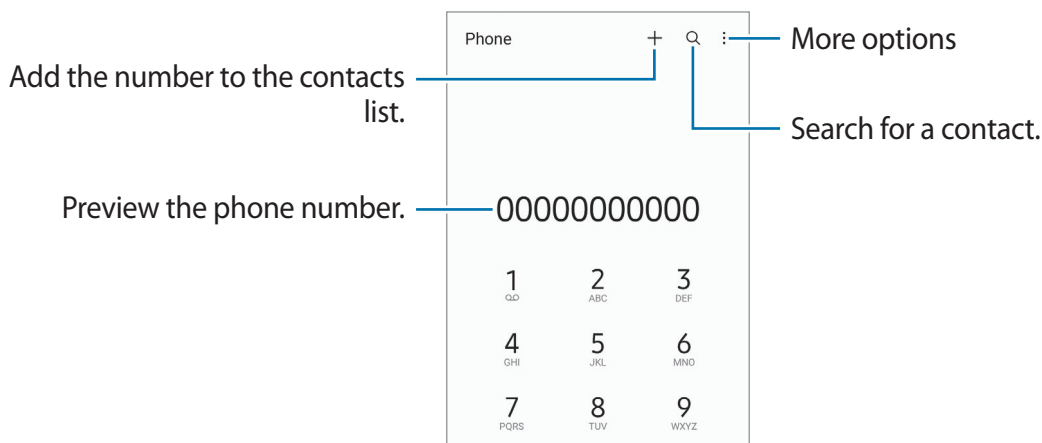
Make or answer voice and video calls.



If the area around the rear camera is covered, unwanted noises may incur during a call. Remove accessories, such as a screen protector or stickers, around the rear camera area.

Making calls

- 1 Launch the **Phone** app and tap **Keypad**.
- 2 Enter a phone number.
- 3 Tap  to make a voice call, or tap  or  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, tap  → **Settings** → **Other call settings**, and then tap the **Swipe to call or text** switch to activate it.

Using speed dial

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.

Rejecting a call

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

To send a message when rejecting an incoming call, drag the **Send message** bar upwards and select a message to send.

To create various rejection messages, launch the **Phone** app, tap  → **Settings** → **Quick decline messages**, enter a message, and then tap .

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.

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

Options during calls

- **Add call:** Dial a second call. The first call will be put on hold. When you end the second call, the first call will be resumed.
- **Hold call:** Hold a call.
- **Bluetooth:** Switch to a Bluetooth headset if it is connected to the device.
- **Speaker:** Activate or deactivate the speakerphone. When using the speakerphone, keep the device away from your ears.
- **Mute:** Turn off the microphone so that the other party cannot hear you.
- **Keypad / Hide:** Open or close the keypad.
-  : End the current call.
- **Camera:** During a video call, turn off the camera so that the other party cannot see you.
- **Switch:** During a video call, switch between the front and rear cameras.

-  Some features may not be available depending on the service provider or model.

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 and 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 Follow the on-screen instructions to import contacts.

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** → **Manage accounts** and select the account to sync with.
- 2 Tap **Sync account** and tap the **Contacts** switch to activate it.

Searching for contacts

Launch the **Contacts** app. Tap **Q** at the top of the contacts list and enter search criteria.

Tap the contact. Then take one of the following actions:

-  : Make a voice call.
-  /  : Make a video call.
-  : Compose a message.
-  : Compose an email.

Deleting contacts

1 Launch the **Contacts** app and tap  → **Delete contacts**.

2 Select contacts and tap **Delete**.

To delete contacts one by one, tap a contact from the contacts list and tap **More** → **Delete**.

Sharing contacts

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

1 Launch the **Contacts** app and tap  → **Share contacts**.

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 Follow the on-screen instructions to create a group.

Merging duplicate contacts

If your contacts list includes duplicate contacts, merge them into one to streamline your contacts list.

1 Launch the **Contacts** app and tap  → **Manage contacts** → **Merge contacts**.

2 Tick contacts and tap **Merge**.

Messages

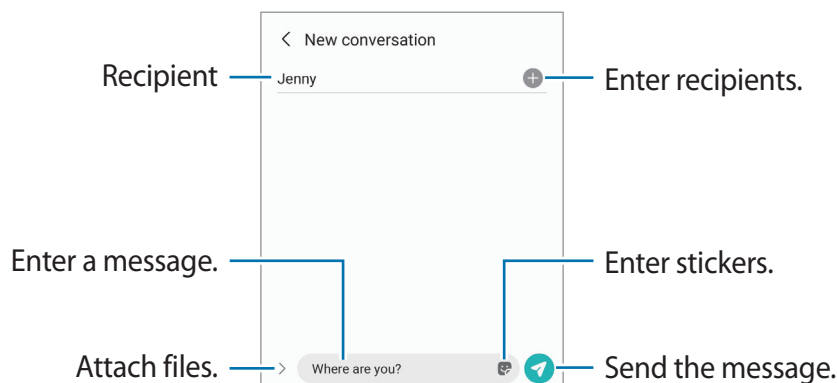
Introduction

Send and view messages by conversation.

You may incur additional charges for sending or receiving messages when you are roaming.

Sending messages

- 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

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

Sorting messages

You can sort messages by category and manage them easily.

Launch the **Messages** app and tap **Conversations** → **Add category**.

If the category option does not appear, tap  → **Settings** and tap the **Conversations categories** switch to activate it.

Deleting messages

Tap and hold a message to delete, then tap **Delete**.

Changing message settings

Launch the **Messages** app, tap **⋮** → **Settings**. You can block unwanted messages, change notification settings, and more.

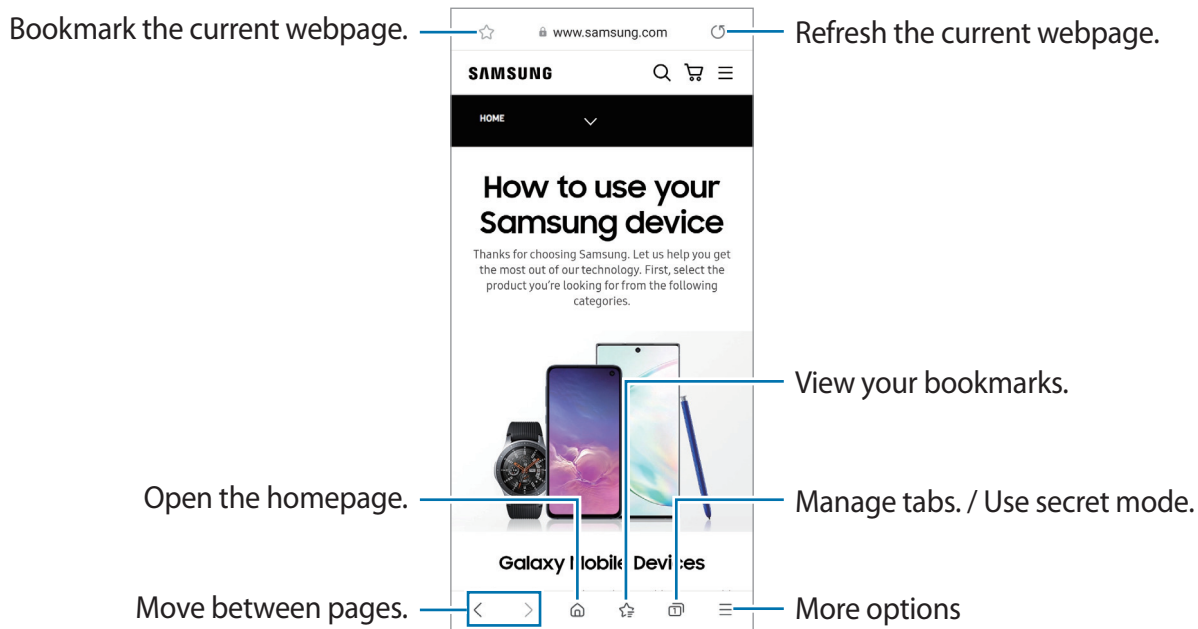
Internet

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

- 1 Launch the **Internet** app.
- 2 Enter the web address or a keyword, and then tap **Go**.

To view the toolbars, drag your finger downwards slightly on the screen.

To switch between tabs quickly, swipe to the left or right on the address field.



Using secret mode

If you set a password for secret mode, you can prevent others from viewing your search history, browsing history, bookmarks, and saved pages.

- 1 Tap  → **Turn on Secret mode**.
- 2 Tap the **Lock Secret mode** switch to activate it, tap **Start**, and then set a password for secret mode.
In secret mode, the device will change the colour of the toolbars. To deactivate secret mode, tap  → **Turn off Secret mode**.

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

Camera

Introduction

Take pictures and record videos using various modes and settings.

Camera etiquette

- Do not take pictures or record videos of other people without their permission.
- Do not take pictures or record videos where legally prohibited.
- Do not take pictures or record videos in places where you may violate other people's privacy.

Taking pictures

- 1 Launch the **Camera** app.

You can also launch the app by pressing the Side key twice quickly or dragging  to the left on the locked screen.

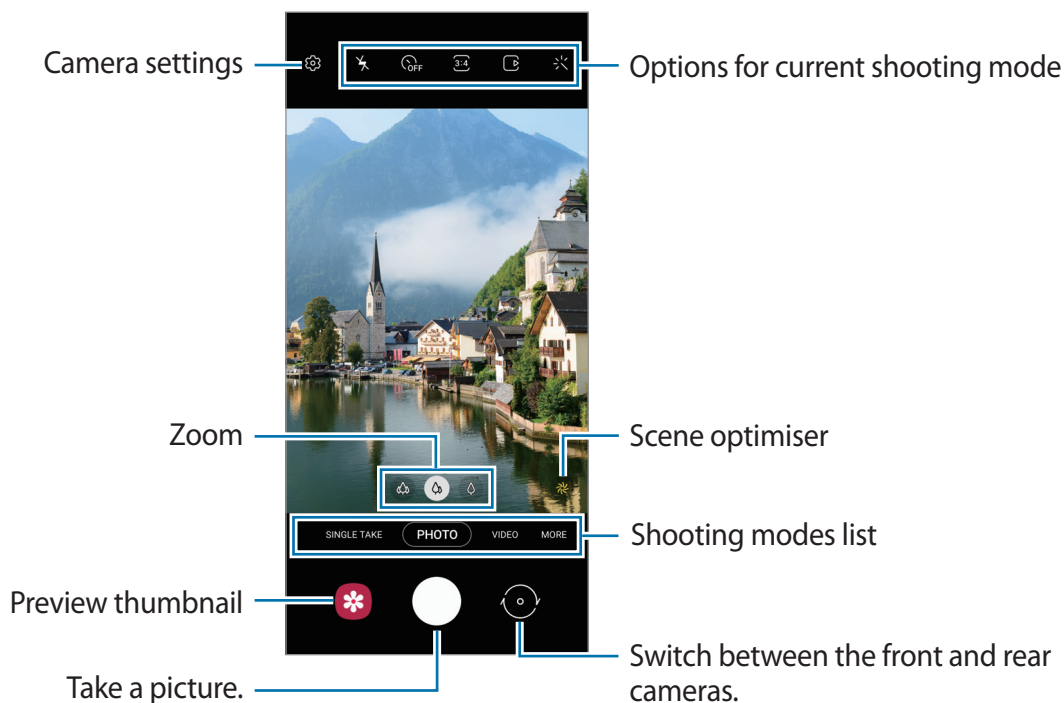
-  • Some camera features are not available when you launch the **Camera** app from the locked screen or when the screen is turned off while the screen lock method is set.
- The camera automatically shuts off when unused.
 - Some methods may not be available depending on the service provider or model.

- 2 Tap the image on the preview screen where the camera should focus.

To adjust the brightness of pictures, drag the adjustment bar that appears above or below the circular frame.

3 Tap to take a picture.

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.



- The preview screen may vary depending on the shooting mode and which camera is being used.
- When you take pictures or videos with a high resolution or a high zoom ratio, the focus may not be clear if the subject is close. Take pictures or videos from a good distance.
- If pictures you take appear blurry, clean the camera lens and try again.
- 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 pictures or videos and does not indicate device performance problems. To correct the distortion in pictures, tap  on the preview screen, tap **Format and advanced options**, and then tap the **Ultra wide shape correction** switch to activate it.
- The maximum capacity for recording a video may vary depending on the resolution.
- The camera may fog up or form condensation if the device is exposed to sudden changes in air temperature, due to the difference in temperature outside and inside the camera cover. Try to avoid such conditions when planning to use the camera. If fogging does occur, allow the camera to dry naturally at room temperature before taking pictures or recording videos, otherwise results may look blurry.

Using zoom features

Select  /  /  or drag it to the left or right to zoom in or out. Alternatively, spread two fingers apart on the screen to zoom in, and pinch to zoom out.

-  : The Ultra wide camera lets you take wide-angle pictures or record wide-angle videos of things like landscapes.
-  : The wide-angle camera lets you take basic pictures or record normal videos.
-  : The telephoto camera lets you take pictures or record videos by enlarging the subject.



Zoom features are available only when using the rear camera.

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 picture.



This feature may not be available depending on the shooting mode.

Using the camera button

- Tap and hold the camera button to record a video.
- To take burst shots, swipe the camera button to the edge of the screen and hold it.
- If you add another camera button, you can move it anywhere on the screen and take pictures more conveniently. On the preview screen, tap  → **Shooting methods** and tap the **Floating Shutter button** switch to activate it.

Options for current shooting mode

On the preview screen, use the following options.

-  : Activate or deactivate the flash.
-  : Select the length of the delay before the camera automatically takes a picture.
-  : Select an aspect ratio and resolution for pictures.

- : Activate or deactivate the motion photo feature. If you activate the feature, a video clip will also be taken from a few seconds before tapping the camera button.
- : Activate or deactivate the super steady feature to stabilise a video.
- : Activate or deactivate the night hyperlapse feature.
- : Select a frame rate.
- : Select an aspect ratio for videos.
- : Select a resolution for videos.
- : Apply a filter effect or beauty effects.
- : Select a metering method. This determines how light values are calculated.  **Centre-weighted** uses the light in the centre portion of the shot to calculate the exposure of the shot.  **Spot** uses the light in a concentrated centre area of the shot to calculate the exposure of the shot.  **Matrix** averages the entire scene.
- : In **FOOD** mode, focus on a subject inside the circular frame and blur the image outside the frame.
- : In **FOOD** mode, adjust the colour tone.

 The available options may vary depending on the model or shooting mode.

Photo mode

The camera adjusts the shooting options automatically depending on the surroundings to capture pictures easily.

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

Scene optimiser

When the camera recognises the subject, the scene optimiser button will change and the optimised colour and effect will be applied.

 If this feature is not activated, tap  on the preview screen and tap the **Scene optimiser** switch to activate it.

Shot suggestions

The camera suggests the ideal composition for the photo by recognising the position and angle of your subject.

On the preview screen, tap  and tap the **Shot suggestions** switch to activate it.

- 1 On the shooting modes list, tap **PHOTO**.

A guide will appear on the preview screen.

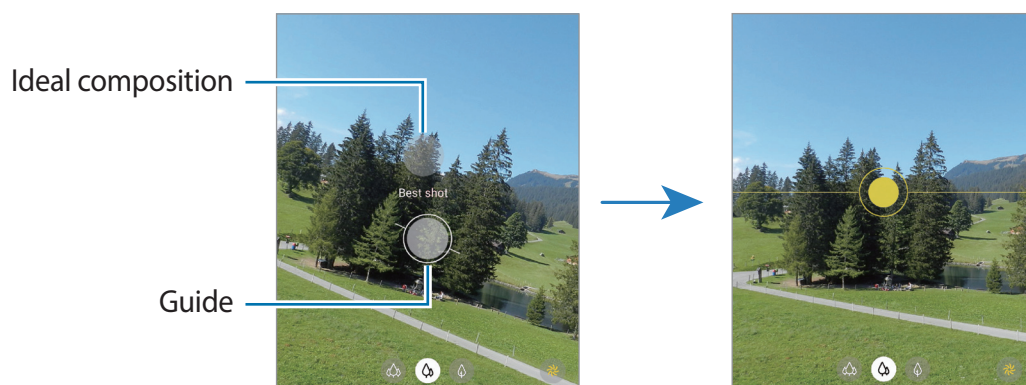
- 2 Point the guide at the subject.

The camera recognises the composition, and the recommended composition appears on the preview screen.

- 3 Move the device so the guide matches the recommended composition.

When the ideal composition is achieved, the guide will change to yellow.

- 4 Tap  to take a photo.



Taking selfies

You can take self-portraits with the front camera.

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

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 picture.

- 1 On the preview screen, tap .
- 2 Select effects and take a picture.
If you use the My filters feature, you can create your own filter using an image with a colour tone you like from **Gallery**.

Video mode

The camera adjusts the shooting options automatically depending on the surroundings to record videos easily.

- 1 On the shooting modes list, tap **VIDEO** and tap  to record a video.
 - To capture an image from the video while recording, tap .
- 2 Tap  to stop recording the video.

Fun mode

Take a picture with various effects.

On the shooting modes list, tap **FUN**.

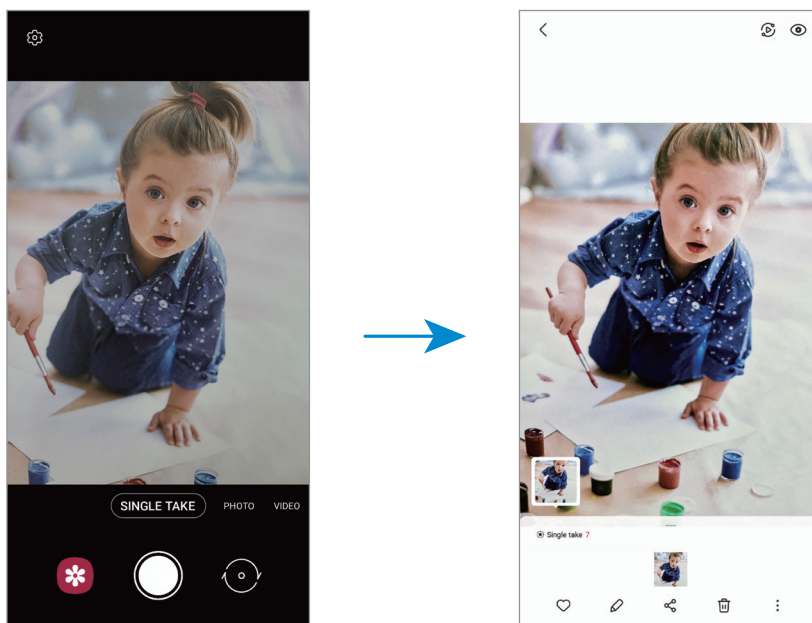
To select a different effect, swipe the camera button to the left or right.

Single take mode

Take various photos and videos in just one shot.

Your device automatically selects the best shot and creates photos with filters or videos with certain sections repeated.

- 1 On the shooting modes list, tap **SINGLE TAKE**.
- 2 Tap  and move the camera to capture the scene you want.
- 3 When you are finished, tap the preview thumbnail.
To view other results, drag the — icon upwards. To save the results individually, tap **Select**, tick the items you want, and then tap .



AR Doodle mode

Record fun videos with virtual handwriting or drawings on faces or anywhere else.

On the shooting modes list, tap **MORE** → **AR DOODLE**. Refer to [AR Doodle](#) for more information.

Pro mode / Pro video mode

Capture pictures or videos while manually adjusting various shooting options, such as exposure value and ISO value.

On the shooting modes list, tap **MORE** → **PRO** or **PRO VIDEO**. Select options and customise the settings, and then tap  to take a picture or tap  to record a video.

Available options

-  : Reset the settings.
-  : Select an ISO value. This controls camera light sensitivity. Low values are for stationary or brightly lit objects. Higher values are for fast-moving or poorly lit objects. However, higher ISO settings can result in noise in pictures.
-  : Adjust the shutter speed. A slow shutter speed allows more light in, so the picture or video becomes brighter. This is ideal for pictures or videos of scenery or pictures or videos taken at night. A fast shutter speed allows less light in. This is ideal for capturing pictures or videos of fast-moving subjects.
-  : Change the exposure value. This determines how much light the camera's sensor receives. For low-light situations, use a higher exposure.
-  : Change the focus mode. Drag the adjustment bar towards  or  to manually adjust the focus. To switch to auto focus mode, tap **MANUAL**.
-  : Select an appropriate white balance, so images have a true-to-life colour range. You can set the colour temperature.
-  : Adjust the colour tone.

 If the shutter speed is set manually, you cannot set the ISO setting to **AUTO** and you cannot change the exposure value. The exposure value will change and be displayed based on the shutter speed setting.

Separating the focus area and the exposure area

You can separate the focus area and the exposure area.

Tap and hold the preview screen. The AF/AE frame will appear on the screen. Drag the frame to the area where you want to separate the focus area and the exposure area.



Panorama mode

Using panorama mode, take a series of pictures and then stitch them together to create a wide scene.

- 1 On the shooting modes list, tap **MORE** → **PANORAMA**.
 - 2 Tap  and move the device slowly in one direction.
Keep the image within the frame on the camera's viewfinder. If the preview image is out of the guide frame or you do not move the device, the device will automatically stop taking pictures.
 - 3 Tap  to stop taking pictures.
-  Avoid taking pictures of indistinct backgrounds, such as an empty sky or a plain wall.

Food mode

Take pictures of food with more vibrant colours.

- 1 On the shooting modes list, tap **MORE** → **FOOD**.
- 2 Tap the screen and drag the circular frame over the area to highlight.
The area outside the circular frame will be blurred.
To resize the circular frame, drag a corner of the frame.
- 3 Tap  and drag the adjustment bar to adjust the colour tone.
- 4 Tap  to take a picture.

Night mode

Take a picture in low-light conditions, without using the flash. When you use a tripod, you can get brighter and steadier results.

- 1 On the shooting modes list, tap **MORE** → **NIGHT**.
- 2 Tap  and hold your device steady until shooting is complete.

Macro mode

Take pictures of subjects at close range.

On the shooting modes list, tap **MORE** → **MACRO**.

Portrait mode

The camera allows you to take pictures where the background is blurred and the subject stands out clearly.

- 1 On the shooting modes list, tap **MORE** → **PORTRAIT**.
- 2 Drag the background blur adjustment bar to adjust the blur level.

3 When **Ready** appears on the preview screen, tap  to take a picture.

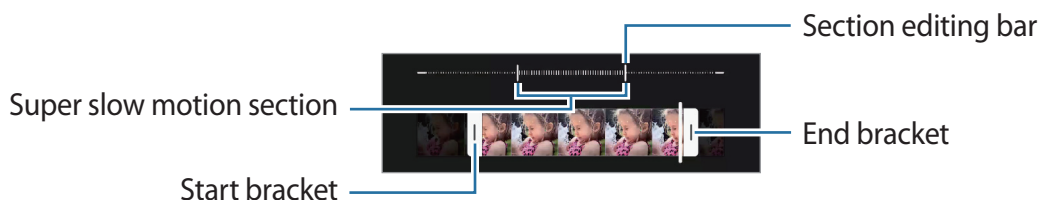


- Use this feature in a place that has sufficient light.
- The background blur may not be applied properly in the following conditions:
 - The device or the subject is moving.
 - The subject is thin or transparent.
 - The subject has a similar colour to the background.
 - The subject or background is plain.

Super Slow-mo mode

Super slow motion is a feature that records a quickly passing moment slowly so that you can appreciate it later.

- 1 On the shooting modes list, tap **MORE** → **SUPER SLOW-MO** and tap  to record a video. The device will capture the moment in super slow motion and save it as a video.
- 2 On the preview screen, tap the preview thumbnail and tap **Play super slow-mo video**. To edit the super slow motion section, tap  → **Editor** and drag the section editing bar to the left or right.

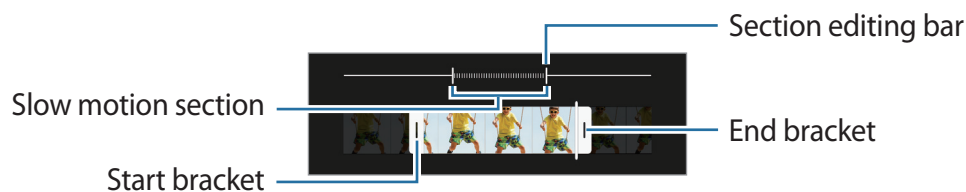


Use this feature in a place that has sufficient light. When recording a video indoors with insufficient or poor lighting, the screen may appear dark or be grainy. The screen may flicker in certain lighting conditions, such as in places with fluorescent lighting.

Slow motion mode

Record a video for viewing it in slow motion. You can specify sections of your videos to be played in slow motion.

- 1 On the shooting modes list, tap **MORE** → **SLOW MOTION** and tap  to record a video.
- 2 When you are finished recording, tap  to stop.
- 3 On the preview screen, tap the preview thumbnail and tap **Play slow motion video**.
The fast section of the video will be set as a slow motion section and the video will start playing. Up to two slow motion sections will be created based on the video.
To edit the slow motion section, tap  → **Editor** and drag the section editing bar to the left or right.



Hyperlapse mode

Record scenes, such as passing people or cars, and view them as fast-motion videos.

- 1 On the shooting modes list, tap **MORE** → **HYPERLAPSE**.
 - 2 Tap  and select a frame rate option.
If you set the frame rate to **Auto**, the device will automatically adjust the frame rate according to the changing rate of the scene.
 - 3 Tap  to start recording.
 - 4 Tap  to finish recording.
-  You can use the night hyperlapse feature by tapping  on the shooting options. This feature is good for doing things like taking shots from moving cars that make the light look like it is also moving.

Customising 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 colour settings and apply the optimised effect automatically depending on the subject or scene.
- **Shot suggestions:** Set the device to suggest the ideal composition for the picture by recognising the position and angle of your subject.
- **Scan QR codes:** Set the device to scan QR codes from the preview screen.

Pictures

- **Swipe Shutter button to:** Select an action to perform when you swipe the camera button to the edge of the screen and hold it.
- **Format and advanced options:** Select how you want to save pictures.
 - **HEIF pictures:** Take pictures in the High Efficiency Image Format (HEIF).
 - **Ultra wide shape correction:** Set the device to correct distortion in pictures taken with the Ultra wide camera.

Selfies

- **Use wide angle for group selfies:** Set the device to automatically switch to a wide-angle selfie when there are more than two people in the frame.
- **Save selfies as previewed:** Set the device to save pictures as they appear on the preview screen when taken with the front camera without flipping them.

Videos

- **High efficiency videos:** You can 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.
 -  • You cannot play the HEVC videos on other devices or share them online.
 - Slow motion videos cannot be recorded in the HEVC format.
- **Video stabilisation:** Activate anti-shake to reduce or eliminate blurry image resulting from camera shake while recording a video.

Useful features

- **Auto HDR:** Take pictures with rich colours and reproduce details even in bright and dark areas.
- **Grid lines:** Display viewfinder guides to help composition when selecting subjects.
- **Location tags:** Attach a GPS location tag to the picture.
 - 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 pictures when you upload them to the Internet. To avoid this, deactivate the location tag setting.
- **Shooting methods:** Select additional shooting methods for taking a picture or recording a video.
- **Settings to keep:** Keep the last settings you used, such as the shooting mode, when you launch the camera.
- **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.



Some features may not be available depending on the model.

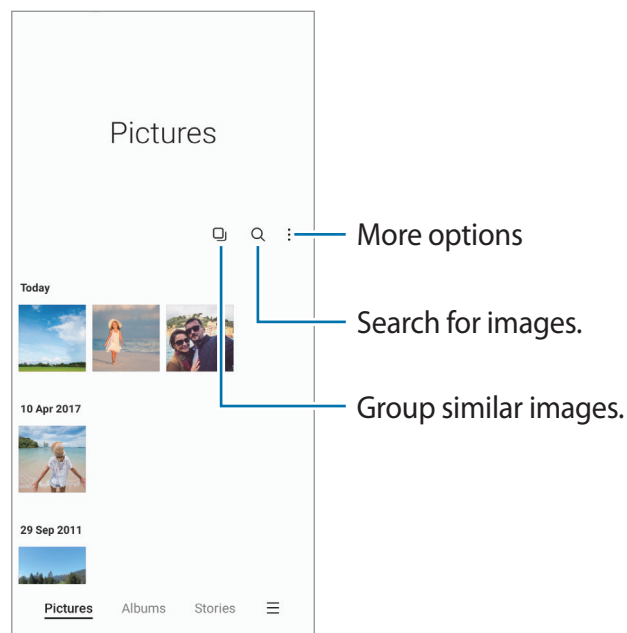
Gallery

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.

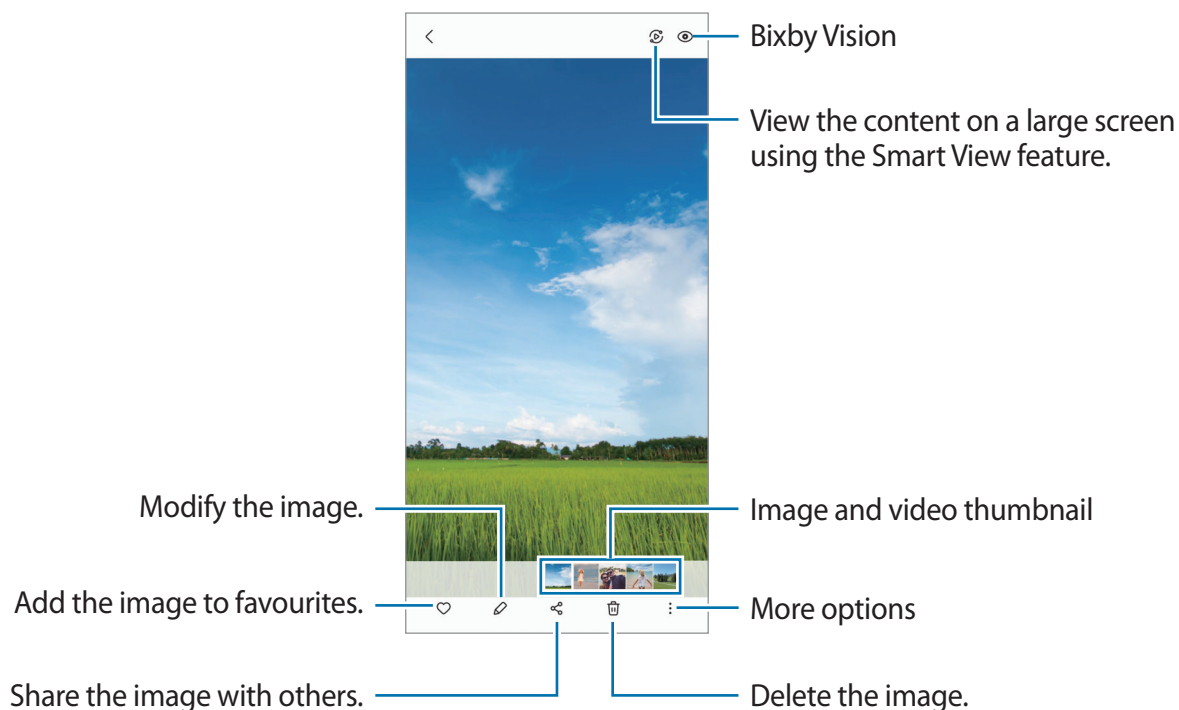


Grouping similar images

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.

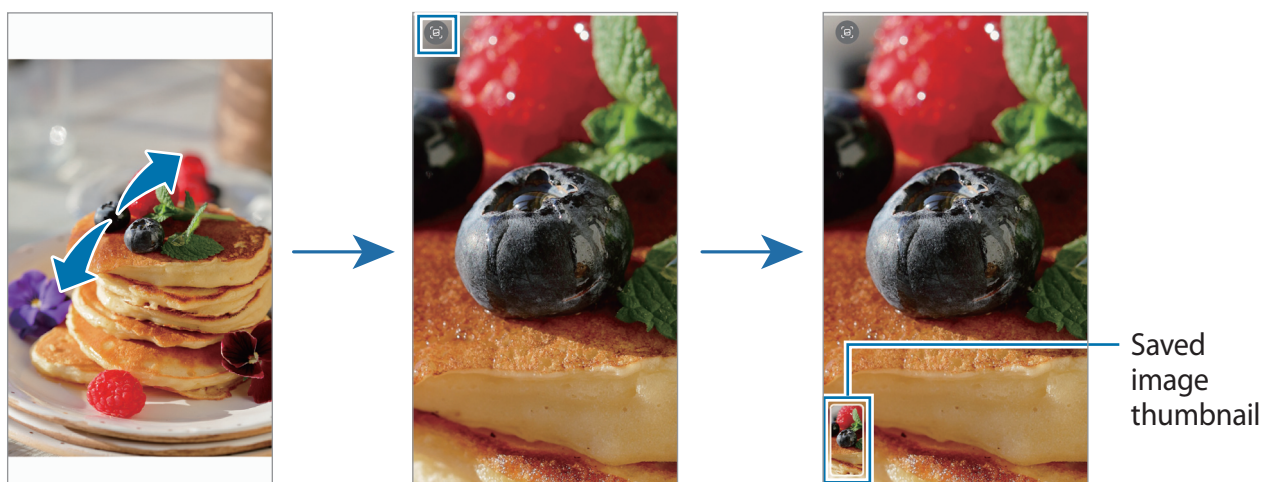
Viewing images

Launch the **Gallery** app and select an image. To view other files, swipe to the left or right on the screen.



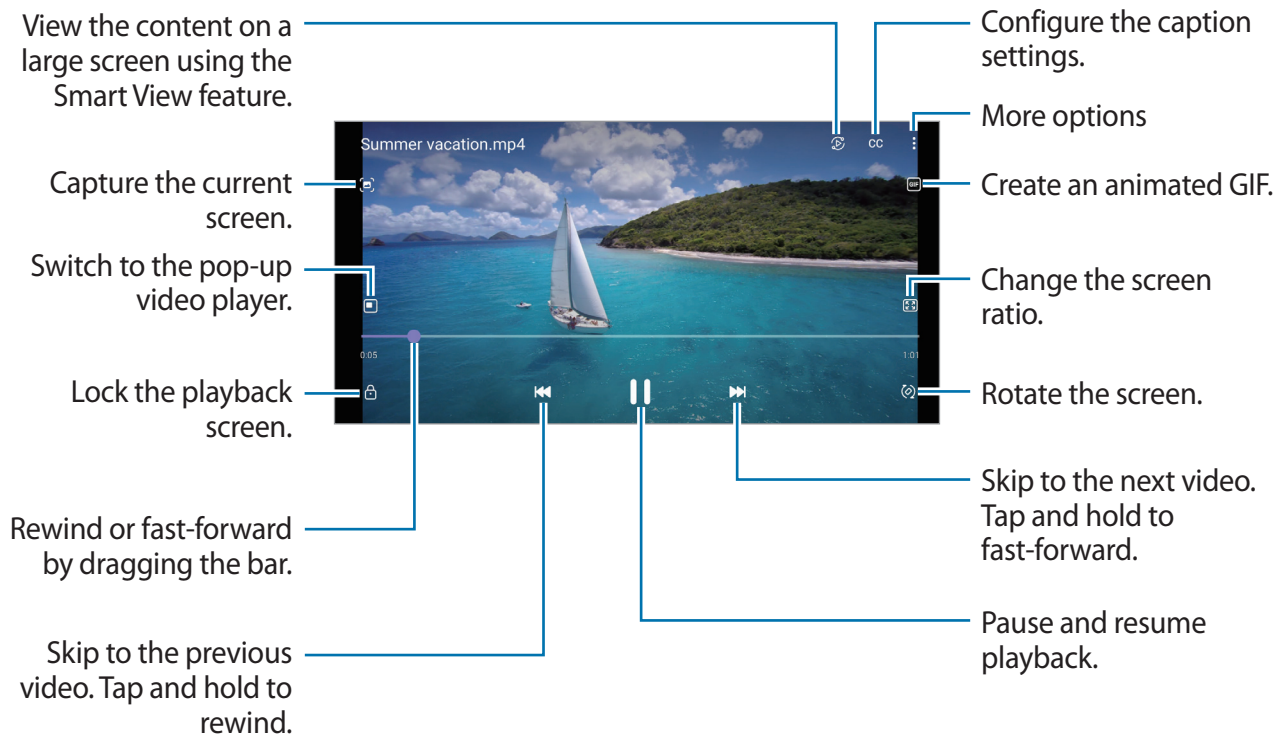
Cropping enlarged images

- 1 Launch the **Gallery** app and select an image.
- 2 Spread two fingers apart on the area you want to save and tap . The cropped area will be saved as a file.



Viewing videos

Launch the **Gallery** app and select a video to play. To view other files, swipe to the left or right on the screen.



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.

Albums

Create albums and sort your images and videos.

- 1 Launch the **Gallery** app and tap **Albums** → **Create album** to create an album.
- 2 Select the album, tap **Add items**, and then copy or move the images or videos you want.

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.

Launch the **Gallery** app, tap **Stories**, and then select a story.

To add or delete images or videos, select a story and tap  → **Add** or **Edit**.

Syncing images and videos

Launch the **Gallery** app, tap  → **Settings** → **Cloud sync**, and then follow the on-screen instructions to complete the sync. The **Gallery** app and the cloud will be synced.

When your **Gallery** app is synced with the cloud, pictures and videos you take will also be saved in the cloud. You can view images and videos saved in the cloud in your **Gallery** app and from other devices.

 When you connect your Samsung account and Microsoft account, you can set the cloud storage as Microsoft OneDrive.

Deleting images or videos

Launch the **Gallery** app, tap and hold an image, a video, or a story to delete, and then tap **Delete**.

Using the recycle bin feature

You can keep the deleted images and videos in the recycle bin. The files will be deleted after a certain period.

Launch the **Gallery** app, tap  → **Settings**, and then tap the **Recycle bin** switch to activate it.

To view files in the recycle bin, launch the **Gallery** app and tap  → **Recycle bin**.

AR Zone

Introduction

AR Zone provides you AR related features. Choose a feature and capture fun pictures or videos.

Launching AR Zone

Use the following methods to launch AR Zone:

- Launch the **AR Zone** app.
- Launch the **Camera** app and tap **MORE** → **AR ZONE**.

 Some features may not be available depending on the service provider or model.

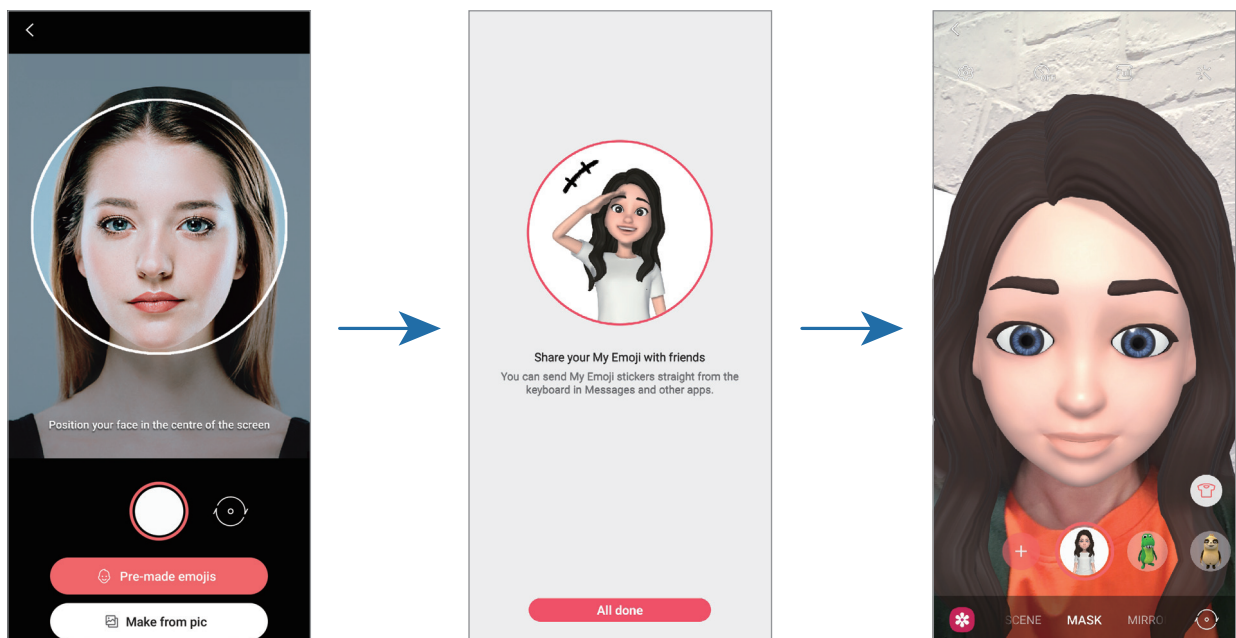
AR Emoji Camera

Creating AR Emoji

Make an emoji that looks like you. Emoji stickers with various expressions will be automatically generated.

- 1 Launch the **AR Zone** app and tap **AR Emoji Camera** → .
- 2 Align your face on the screen, tap  to take a photo, and then follow the on-screen instructions to create an emoji.

Your emoji and its emoji stickers are now created. Refer to [AR Emoji Stickers](#) for more information about emoji stickers.



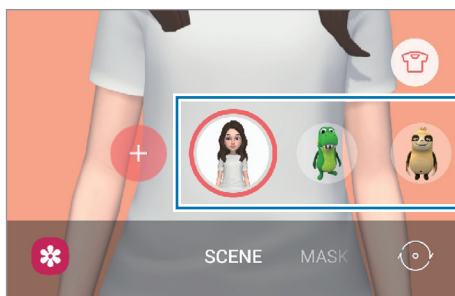
Deleting an emoji

Launch the **AR Zone** app and tap **AR Emoji Camera**. Tap ⚙️ → **Manage emojis**, tick the emoji you want to delete, and then tap **Delete**. The emoji and its emoji stickers will be deleted.

Capturing photos or videos with emojis

Create fun photos or videos with emojis using various shooting modes.

- 1 Launch the **AR Zone** app and tap **AR Emoji Camera**.
- 2 Select the emoji and the mode you want to use. The available modes may vary depending on the emoji you select.
 - **SCENE**: The emoji mimics your expressions.
 - **MASK**: The emoji's face appears over your face so it looks like you are wearing a mask.
 - **MIRROR**: The emoji mimics your body movements.
 - **PLAY**: The emoji moves on a real background.



- 3 Tap the emoji icon to take a photo, or tap and hold the icon to record a video.
You can view and share the photos and videos that you have captured in **Gallery**.

AR Emoji Stickers

Create your own stickers with your emoji's expressions and actions. You can use your emoji stickers when sending messages or on a social network.

Creating your own stickers

- 1 Launch the **AR Zone** app and tap **AR Emoji Stickers**.
- 2 Tap **Make custom stickers** at the bottom of the screen.
- 3 Edit stickers how you want and tap **Save**.
You can view the stickers you have created by tapping **Custom**.

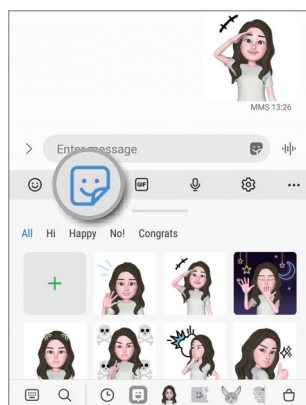
Deleting emoji stickers

Launch the **AR Zone** app and tap **AR Emoji Stickers** →  → **Delete stickers**. Select the emoji stickers to delete and tap **Delete**.

Using your emoji stickers in chats

You can use your emoji stickers during a conversation via messages or on a social network. The following actions are an example of using your emoji stickers in the **Messages** app.

- 1 While composing a message in the **Messages** app, tap  on the Samsung keyboard.
- 2 Tap the emoji icon.
- 3 Select one of your emoji stickers.
The emoji sticker will be inserted.



Emoji icon

AR Emoji Studio

Edit or decorate your emoji in the AR Emoji Studio. You can also create clothes with custom patterns and colours for your emoji.

Launch the **AR Zone** app and tap **AR Emoji Studio**.



More options

Select an emoji to edit.

Edit the emoji.

AR Doodle

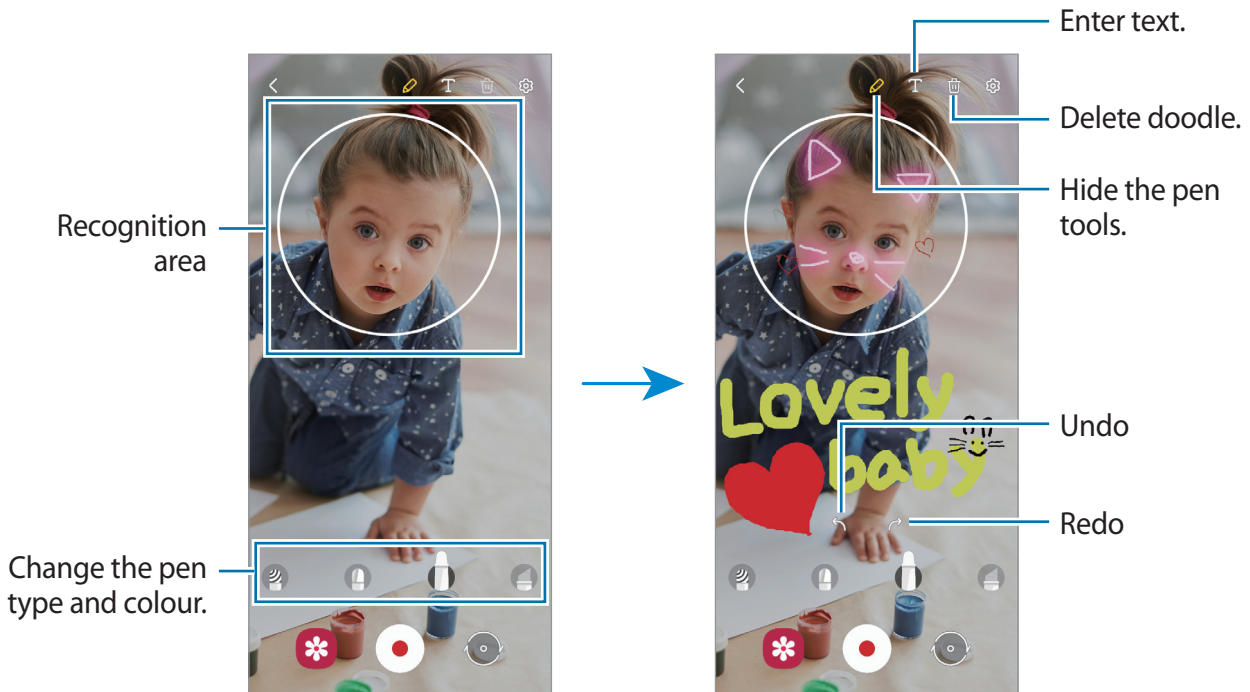
Record fun videos with virtual handwriting or drawings on faces or anywhere else. When the camera recognises a face or space, the doodles on the face will follow the face as it moves, and the doodles in the space will be fixed in the same place even if the camera moves.

1 Launch the **AR Zone** app and tap **AR Doodle**.

When the camera recognises the subject, the recognition area will appear on the screen.

2 Write or draw in the recognition area.

- If you switch to the rear camera, you can also write or draw outside the recognition area.
- If you tap  and then begin to doodle, you can record yourself doodling.



3 Tap to record a video.

4 Tap to stop recording the video.

You can view and share the video in **Gallery**.

Deco Pic

Capture pictures or videos with various stickers.

Launch the **AR Zone** app and tap **Deco Pic**.

Bixby (Galaxy A52)

Introduction

Bixby is a user interface that helps you use your device more conveniently.

You can talk to Bixby or type text. Bixby will launch a function you request or show the information you want. Visit www.samsung.com/bixby for more information.

 Bixby is only available in some languages, and it may not be available depending on the region.

Starting Bixby

Press and hold the Side key to launch Bixby. The Bixby intro page will appear. After you select the language to use with Bixby, sign in to your Samsung account, and complete the setup by following the on-screen instructions, the Bixby screen will appear.

Using Bixby

While pressing and holding the Side key, say what you want to Bixby, and then release your finger from the key when you are finished speaking. Alternatively, say “Hi, Bixby” and say what you want.

For example, while pressing and holding the Side key, say “How’s the weather today?” The weather information will appear on the screen.

If you want to know the weather tomorrow, while pressing and holding the Side key, just say “Tomorrow?”

If Bixby asks you a question during a conversation, while pressing and holding the Side key, answer Bixby. Or, tap  and answer Bixby.

If you are using headphones or Bluetooth audio devices, or start a conversation by saying “Hi, Bixby”, you can continue the conversation without tapping the icon. Launch the **Bixby** app and tap  →  → **Automatic listening** → **Hands-free only**.

Waking up Bixby using your voice

You can start a conversation with Bixby by saying “Hi, Bixby”. Register your voice so that Bixby will respond to your voice when you say “Hi, Bixby”.

- 1 Launch the **Bixby** app and tap  →  → **Voice wake-up**.
- 2 Tap the **Wake with “Hi, Bixby”** switch to activate it.
- 3 Follow the on-screen instructions to complete the setup.
Now you can say “Hi, Bixby” and start a conversation.

Communicating by typing text

If your voice is not recognised due to noisy environments or if you are in a situation where speaking is difficult, you can communicate with Bixby via text.

Launch the **Bixby** app, tap , and then type what you want.

During the communication, Bixby also will answer you through text instead of voice feedback.

Bixby Vision

Introduction

Bixby Vision is a service that provides various features based on image recognition. You can use Bixby Vision to quickly search for information by recognising objects. Use a variety of useful Bixby Vision features.



- This feature may not be available or you may not get correct search results depending on the image size, format, or resolution.
- Samsung is not responsible for the product information provided by Bixby Vision.

Launching Bixby Vision

Launch Bixby Vision using one of these methods.

- In the **Camera** app, tap **MORE** on the shooting modes list and tap **BIXBY VISION**.
- In the **Gallery** app, select an image and tap .
- In the **Internet** app, tap and hold an image and tap **Search with Bixby Vision**.
- If you added the Bixby Vision app icon to the Apps screen, launch the **Bixby Vision** app.

Using Bixby Vision

1 Launch Bixby Vision.

2 Select a feature you want to use.

- : Recognise text from documents or images and translate it.
- : Search for images similar to the recognised object online and related information.
- : Search for information of products.
- : Recognise QR codes and view information.



The available features and search results may vary depending on the region or service provider.

Bixby Routines

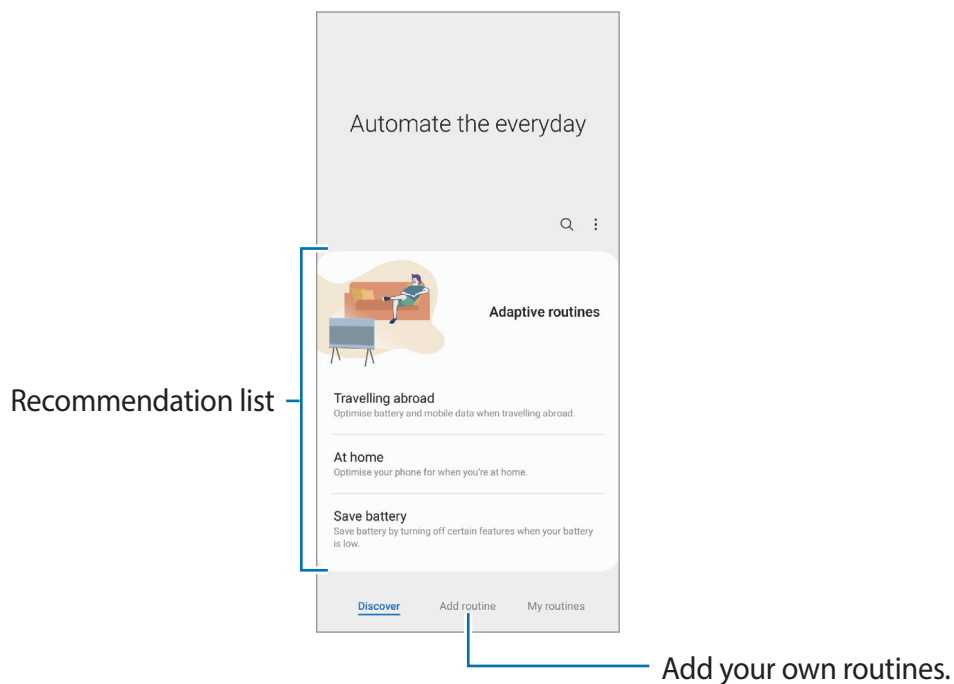
Introduction

Add your repeated usage patterns as routines and use your device more conveniently.

For example, a 'before bed' routine will perform actions, such as turning on silent mode and dark mode, to not be jarring on your eyes and ears when you use the device before going to bed.

Adding routines

- 1 Launch the **Settings** app and tap **Advanced features** → **Bixby Routines**.
- 2 On the **Discover** list, select a routine you want or tap **Add routine** to add your own routines.
 - You can set the conditions and actions of routines on the **Discover** list.
 - If you want to set the routine's running condition to manual, tap **Start manually**. This option will appear only when there are no running conditions set. When a pop-up window appears, tap **Add**. You can add the routine to the Home screen as a widget and access it quickly.



Adding recommended routines

When your device learns your usage patterns, it will recommend adding useful or frequently used features as routines.

When the recommendation notification appears, tap **View all** and add it as your own routine.

Using routines

Running auto routines

Auto routines will run automatically when their conditions are detected.

Running manual routines

For manual routines which you set the running condition as **Start manually**, you can run them manually by tapping the button whenever you want.

Launch the **Settings** app and tap **Advanced features** → **Bixby Routines** → **My routines** and tap  next to the routine you want to run. Alternatively, tap the routine's widget on the Home screen.

Viewing running routines

Currently running routines will appear on the notification panel. To view a routine's details, tap the notification.

You can also quickly stop running routines. On the notification panel, tap  next to a routine and tap **Stop**.

Managing routines

Launch the **Settings** app and tap **Advanced features** → **Bixby Routines** → **My routines**. Your routines will appear.

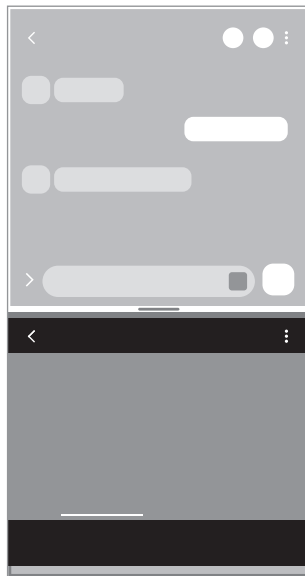
To deactivate a routine, tap the routine →  → **Disable this routine** or tap .

To delete routines, tap  → **Delete**, tick routines to delete, and then tap **Delete**.

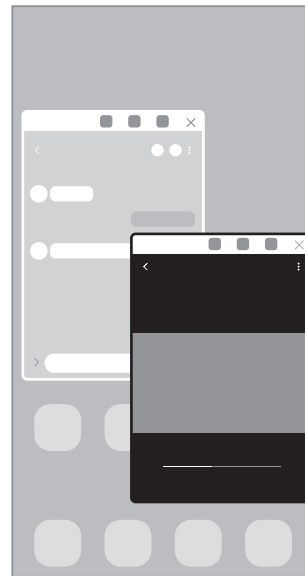
Multi window

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.



Split screen view



Pop-up view

 Some apps may not support this feature.

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**.
- 3 On the apps list, select another app to launch.

Launching apps from the Edge panel

- 1 While using an app, drag the Edge panel handle towards the centre of the screen.
- 2 Tap and hold an app, drag it to the left, and then drop it where **Drop here to open** appears.

The selected app will launch in the split screen view.



You can set to launch an app in the split screen view by tapping it once. Tap  →  and tap **Tap** under **Open in split screen view**. If you tap the **Show recent apps** switch to activate it, you can launch the recently used apps in the split screen view from the Edge panel.

Adding app pairs

Add two frequently used apps to the Edge panel to launch them together in the split screen view with a single tap.

- 1 In the split screen view, tap the circles between the app windows.
 - 2 Tap .
- The two apps you are using in the split screen view will be saved on the Edge panel as an app pair.

Adjusting the window size

Drag the circles between the app windows up or down to adjust the size of the windows.

When you drag the circles between the app windows to the top or bottom edge of the screen, the window will be maximised.

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.
If you tap the Home button while using a pop-up window, the window will be minimised and displayed as an app icon. To use the pop-up window again, tap the app icon.

Launching apps from the Edge panel

- 1 Drag the Edge panel handle towards the centre of the screen.
- 2 Tap and hold an app, drag it to the left, and then drop it where **Drop here for pop-up view** appears.

The selected app will launch 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 Pay

Introduction

Register cards to Samsung Pay to make both online and offline payments quickly and securely.

You can view more information, such as cards that support this feature at www.samsung.com/samsung-pay.



- To make payments with Samsung Pay, the device may be required a connection to a Wi-Fi or mobile network depending on the region.
- This feature may not be available depending on the service provider or model.
- The procedures for the initial setup and card registration may vary depending on the service provider or model.

Setting up Samsung Pay

When running this app for the first time or restart it after performing a data reset, follow the on-screen instructions to complete the initial setup.

- 1 Launch the **Samsung Pay** app.
- 2 Sign in to your Samsung account and read and agree to the terms and conditions.
- 3 Register your fingerprint and a PIN to use when making payments.

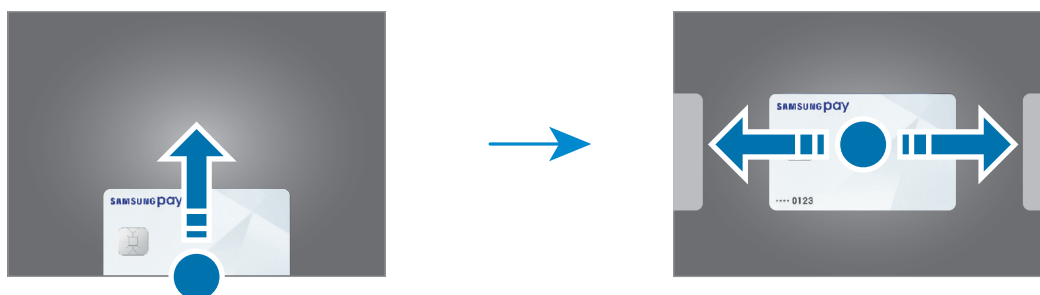
This PIN will be used to verify various actions in Samsung Pay, such as making payments and unlocking the app.

Registering cards

Launch the **Samsung Pay** app and follow the on-screen instructions to complete your card registration.

Making payments

- 1 Tap and hold a card image at the bottom of the screen and drag it upwards. Alternatively, launch the **Samsung Pay** app. Then, on the cards list, swipe to the left or right and select a card to use.



- 2 Scan your fingerprint or enter the payment PIN you set.
 - 3 Touch the back of your device to the card reader.
When the card reader recognises the card information, the payment will be processed.
- Payments may not be processed depending on your network connection.
 - The verification method for payments may vary depending on the card readers.

Cancelling payments

You can cancel payments by visiting the place where you made them.

On the cards list, swipe to the left or right to select the card you used. Follow the on-screen instructions to complete payment cancellation.

Samsung Health

Introduction

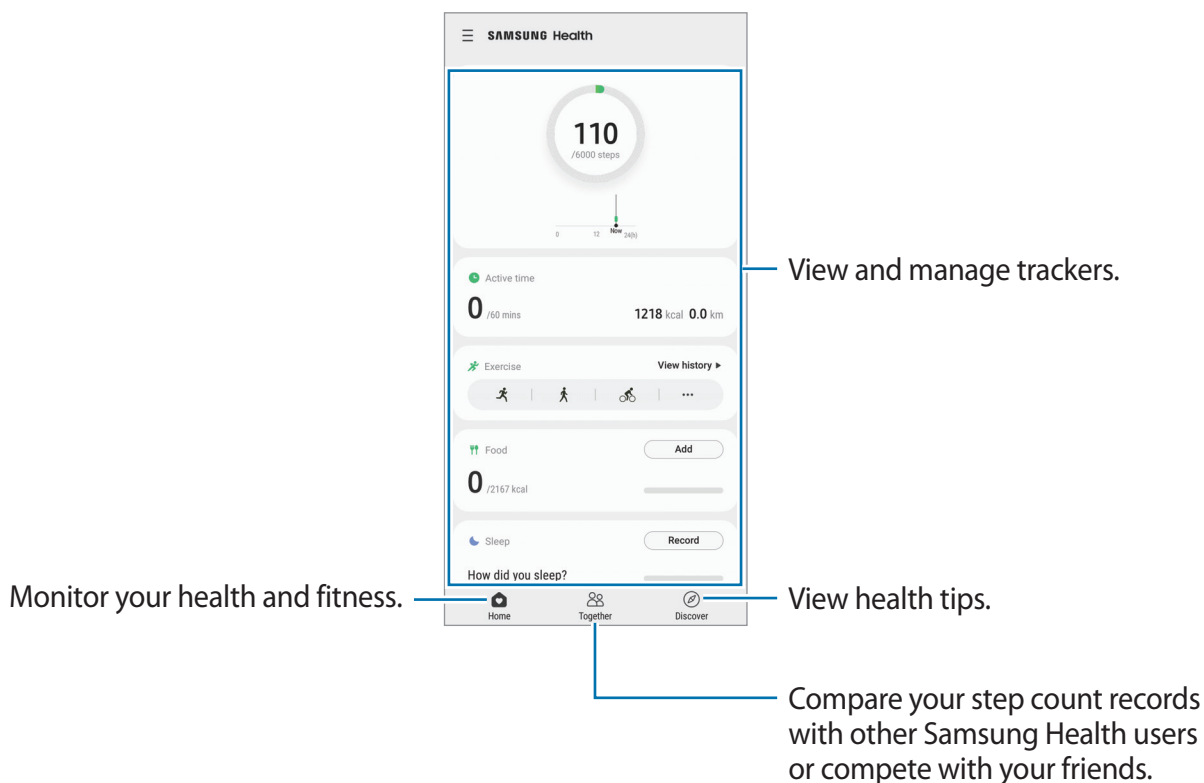
Samsung Health helps you manage your wellness and fitness. Set fitness goals, check your progress, and keep track of your overall wellness and fitness. You can also compare your step count records with other Samsung Health users and view health tips.

Visit www.samsung.com/samsung-health for more information.

Using Samsung Health

Launch the **Samsung Health** app. When running this app for the first time or restart it after performing a data reset, follow the on-screen instructions to complete the setup.

To edit items on the Samsung Health home screen, tap **Manage items** at the bottom of the trackers list.



- Some features may not be available depending on the region.
- If you use the steps tracker while travelling by car or train, vibration may affect your step count.

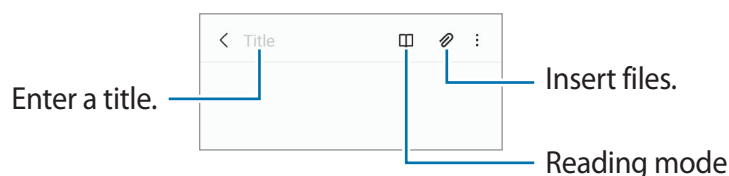
Samsung Notes

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, tap , and then create a note.

You can change the input method by tapping  or .



- 2 When you are finished composing the note, tap the Back button to save it.
If you want to save the note in another file format, tap  → **Save as file**.

Deleting notes

Tap and hold a note to delete and tap **Delete**.

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.

Galaxy Shop

Access the Samsung website and view various information related to products.

Launch the **Galaxy Shop** app.

Galaxy Wearable

Galaxy Wearable is an app that allows you to manage your wearable devices. When you connect your device to the wearable device, you can customise the wearable device's settings and apps.

Launch the **Galaxy Wearable** app.

Tap **Get started** to connect your device to the wearable device. Follow the on-screen instructions to finish the setup. Refer to the wearable device's user manual for more information about how to connect and use the wearable device with your device.

Calendar

Manage your schedule by entering upcoming events in your planner.

Creating events

- 1 Launch the **Calendar** app and tap  or double-tap a date.
If the date already has saved events or tasks in it, tap the date and tap .
- 2 Enter event details and tap **Save**.

Syncing events with your accounts

- 1 Launch the **Settings** app, tap **Accounts and backup** → **Manage accounts**, and then select the account to sync with.
- 2 Tap **Sync account** and tap the **Calendar** switch to activate it.

To add accounts to sync with, launch the **Calendar** app and tap  →  → **Add account**. Then, select an account to sync with and sign in. When an account is added, a blue circle is displayed next to the account name.

Reminder

Register to-do items as reminders and receive notifications according to the condition you set.



- To receive more accurate notifications, connect to a Wi-Fi or mobile network.
- 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

- 1 Launch the **Reminder** app.
- 2 Tap **Write a reminder** or , enter the details, and then tap **Save**.

Completing reminders

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**.
- 2 Select a category and tap **Edit**.
- 3 Tick items to restore and tap **Restore**.
Reminders will be added to the reminders list and you will be reminded again.

Deleting reminders

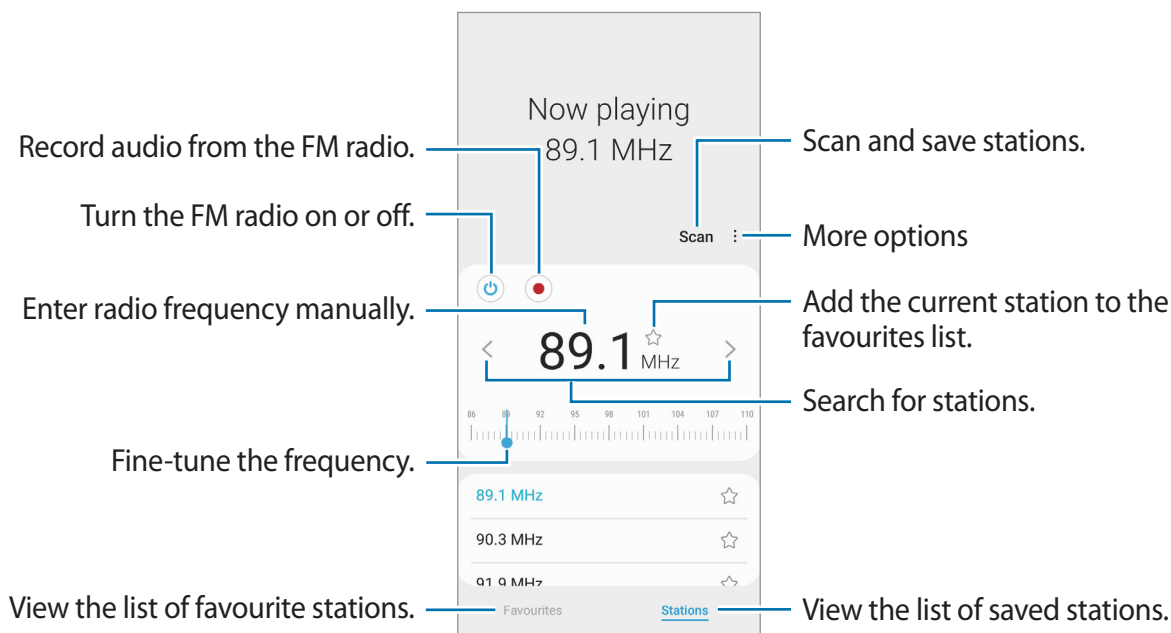
To delete a reminder, select a reminder and tap **Delete**. To delete multiple reminders, tap and hold a reminder, tick reminders to delete, and then tap **Delete**.

Radio

Launch the **Radio** app.

Before you use this app, you must connect an earphone, which serves as the radio antenna.

The FM radio scans and saves available stations automatically when running for the first time.



 This app may not be available depending on the service provider or model.

Playing through the speaker

You can listen to the radio through the speaker instead of the connected earphone.

Tap  → **Play through speaker.**

Voice Recorder

Record or play 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**.

Changing the recording mode

Select a mode from the top of the voice recorder screen.

- **Standard:** This is the normal recording mode.
- **Speech-to-text:** The device records your voice and simultaneously converts it to on-screen text. For best results, keep the device near your mouth and speak loudly and clearly in a quiet place.
 -  If the voice memo system language does not match the language you are speaking, the device will not recognise your voice. Before using this feature, tap the current language to set the voice memo system language.

My Files

Access and manage various files stored in the device.

Launch the **My Files** app.

To check for unnecessary data and free up the device's storage, tap **Analyse storage**.

To search for files or folders, tap **Q**.

Clock

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

Launch the **Clock** app.

Calculator

Perform simple or complex calculations.

Launch the **Calculator** app.

-  : View the calculation history. To clear the history, tap **Clear history**. To close the calculation history panel, tap .
-  : Use the unit conversion tool. You can convert various values, such as area, length, or temperature, into other units.
-  : Display the scientific calculator.

Game Launcher

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.

Launch the **Game Launcher** app and select the game you want.



- If **Game Launcher** does not appear, launch the **Settings** app, tap **Advanced features**, and then tap the **Game Launcher** switch to activate it.
- 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**.

Removing a game from Game Launcher

Drag the Library panel upwards, tap and hold a game, and then tap **Remove from Game Launcher**.

Changing the performance mode

You can change the game performance mode.

Launch the **Game Launcher** app, tap **≡** → **Game performance** → **Game performance**, and then select the mode you want.

- **Focus on performance:** This focuses on giving you the best possible performance while playing games.
- **Balanced:** This balances the performance and the battery usage time.
- **Focus on power saving:** This saves battery power while playing games.



Battery power efficiency may vary by game.

Game Booster

Game Booster lets you play games in a better environment. You can use Game Booster while playing games.

To open the Game Booster panel while playing games, tap  on the navigation bar. If the navigation bar is hidden, drag upwards from the bottom of the screen to show it. If you have set the navigation bar to use **Swipe gestures**, open the notification panel and tap **Tap to open Game Booster**.

-  : Install the game plug-in provided by Samsung to enhance game performance.
 -  : Configure settings for Game Booster.
 - **Priority mode**: Set the device to block incoming calls and all notifications except for alarms to prevent your game from being disturbed.
 - **Monitoring temperature / Monitoring memory**: Set the device to automatically adjust settings to prevent device overheating and to stop apps running in the background to better manage memory.
 - **Navigation button lock**: Hide the buttons on the navigation bar. To display the buttons, tap  on the navigation bar.
 - **Screen touch lock**: Lock the touchscreen while the game is being played. To unlock the touchscreen, drag the lock icon in any direction.
 - **Screenshot**: Capture screenshots.
-  • You can set to open the Game Booster panel from the navigation bar while the navigation bar is set to **Swipe gestures**. On the Game Booster panel, tap  → **Block during game** and tap the **Navigation gestures** switch to activate it.
- Available options may vary depending on the game.

Launching apps in pop-up windows while playing games

You can launch apps in pop-up windows while playing a game.

Tap  and select an app from the apps list.

Samsung Kids

You can restrict children's access to certain apps, set their usage times, and configure settings to provide a fun and safe environment for children when they use the device.

Open the notification panel, swipe downwards, and then tap  (**Samsung Kids**) to activate it. The Samsung Kids screen will appear. When starting Samsung Kids for the first time or after performing a data reset, follow the on-screen instructions to complete the setup.

On the Samsung Kids screen, select the app you want to use.

 Your preset screen lock method or your created PIN will be used when activating the **Parental controls** feature or closing Samsung Kids.

Using parental control features

You can configure the settings for Samsung Kids and view the usage history.

On the Samsung Kids screen, tap  → **Parental controls** and enter your unlock code.

Closing Samsung Kids

To close Samsung Kids, tap the Back button or tap  → **Close Samsung Kids**, and then enter your unlock code.

SmartThings

Control and manage smart appliances and Internet of Things (IoT) products with your smartphone.

To view more information, launch the **SmartThings** app and tap  → **How to use**.

- 1 Launch the **SmartThings** app.
- 2 Tap  → **Device**.
- 3 Select a device and connect to it by following the on-screen instructions.

-  • Connection methods may vary depending on the type of connected devices or the shared content.
- The devices you can connect may vary depending on the region. Available features may differ depending on the connected device.
 - Connected devices' own errors or defects are not covered by the Samsung warranty. When errors or defects occur on the connected devices, contact the device's manufacturer.

Sharing content

Share content by using various sharing options. The following actions are an example of sharing images.

- 1 Launch the **Gallery** app and select an image.
- 2 Tap  and select a sharing method you want.

 You may incur additional charges when sharing files via the mobile network.

Quick Share

Sharing content with nearby devices

Share content with nearby devices via Wi-Fi Direct or Bluetooth, or with SmartThings supported devices.

- 1 Launch the **Gallery** app and select an image.
- 2 On the other device, open the notification panel, swipe downwards, and then tap  (**Quick Share**) to activate it.
- 3 Tap  → **Quick Share** and select a device to transfer the image to.
- 4 Accept the file transfer request on the other device.

 This feature does not support sharing videos with TVs or SmartThings supported devices. To watch videos on TV, use the Smart View feature.

Setting who can find your device

Set who is allowed to find and send content to your device.

- 1 Open the notification panel, swipe downwards, and then tap  (**Quick Share**) to activate it.
- 2 Tap and hold  (**Quick Share**).
The Quick Share settings screen will appear.
- 3 Select an option.
 - **Contacts only:** Allow only your contacts to share with your device.
 - **Everyone:** Allow any nearby devices to share with your device.

Link Sharing

Share large files. Upload files to the Samsung storage server and share them with others via a Web link.

- 1 Launch the **Gallery** app and select an image.
- 2 Tap  → **Link Sharing**.
The link for the image will be created.
- 3 Select a sharing option.

Music Share

Introduction

The Music Share feature allows you to share your Bluetooth speaker that is already connected to your device with another person. You can also listen to the same music on your Galaxy Buds and another person's Galaxy Buds.

This feature is available only on devices that support the Music Share feature.

Sharing a Bluetooth speaker

You can listen to music on your smartphone and your friend's smartphone via your Bluetooth speaker.

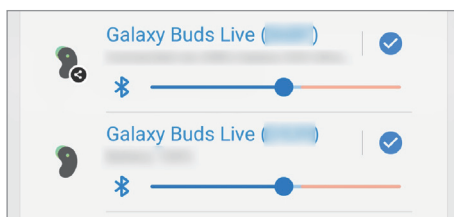
- 1 Make sure that your smartphone and your Bluetooth speaker are connected.
Refer to [Pairing with other Bluetooth devices](#) for how to connect.
- 2 On your smartphone, open the notification panel, swipe downwards, and then check if  (**Music Share**) is activated.
You can use additional features, such as setting who to share your device with, by tapping and holding  (**Music Share**).
- 3 On your friend's smartphone, select your speaker from the list of the Bluetooth devices.
- 4 On your smartphone, accept the connection request.
Your speaker will be shared.
When you play music via your friend's smartphone, the music playing via your smartphone will be paused.

Listening to music together with Galaxy Buds

You can listen to music on your smartphone together through your Buds and your friend's Buds.

This feature is supported only on Galaxy Buds, Galaxy Buds Plus, and Galaxy Buds Live.

- 1 Make sure that each smartphone and pair of Buds are connected.
Refer to [Pairing with other Bluetooth devices](#) for how to connect.
- 2 On your friend's smartphone, open the notification panel, swipe downwards, and then tap  (**Music Share**) to activate it.
You can use additional features, such as setting who to share your device with, by tapping and holding  (**Music Share**).
- 3 On your smartphone, open the notification panel, swipe downwards, and then tap **Media**.
- 4 Tap  and select your friend's Buds from the detected devices list.
- 5 On your friend's smartphone, accept the connection request.
- 6 On your smartphone, tick your Buds and your friend's Buds on the audio output list.
When you play music via your smartphone, you can listen to it together via both Buds.



Smart View

View your device's displayed content on a large screen by connecting your device to a screen mirroring-enabled TV or monitor.

- 1 Open the notification panel, swipe downwards, and then tap  (**Smart View**).
- 2 Select a device to mirror your device's screen or display content.

 When you play a video with Smart View, the resolution may vary depending on the TV model.

Link to Windows

You can connect your device to a Windows PC to instantly access your device's data, such as pictures or messages, on the computer.

When calls or messages come in, you can receive them on the computer.

-  • This feature is only available on Windows 10 version 1803 or higher, and it is recommended to use the latest version to fully use this feature.
- A Microsoft account is required to use this feature. When you create a Microsoft account, you can sign in to all Microsoft devices and services, such as Microsoft Office programs and Windows 10.

Connecting to a computer

- 1 Launch the **Settings** app and tap **Advanced features** → **Link to Windows**.
- 2 Follow the on-screen instructions to complete the connection.

 Visit <https://aka.ms/setupltw> for details.