

**SAMSUNG**

SM-C7100

# User Manual

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# 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.
- 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 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.
- If you have questions about an app provided with the device, contact a Samsung Service Centre. For user-installed apps, contact service providers.
- 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** → **About device** → **Battery information**.
- **Do not modify the device's operating system or install an operating system from an unofficial source to avoid device malfunctions, data corruption or loss, or incompatibility. Violations of the above regulation will void your warranty.**

## 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. 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 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 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.

## Device limitations when the device overheats

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 becomes hotter than usual, a device overheating message will appear. 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 you will only be able to make emergency calls until the device cools down.
- If the device overheats or feels hot for a prolonged period, a power off message will appear. Turn off the device, and wait until it cools 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.
- Never use a damaged charger or battery.



# Device layout and functions

## Package contents

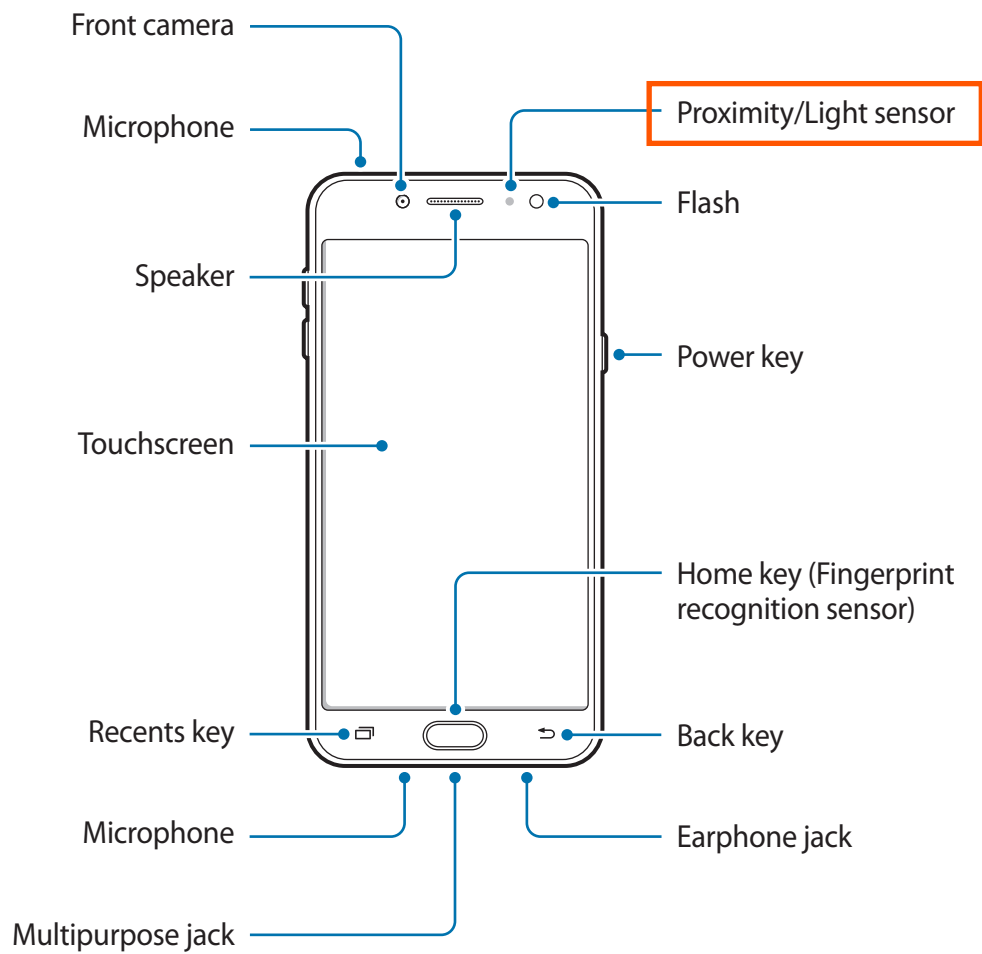
Check the product box for the following items:

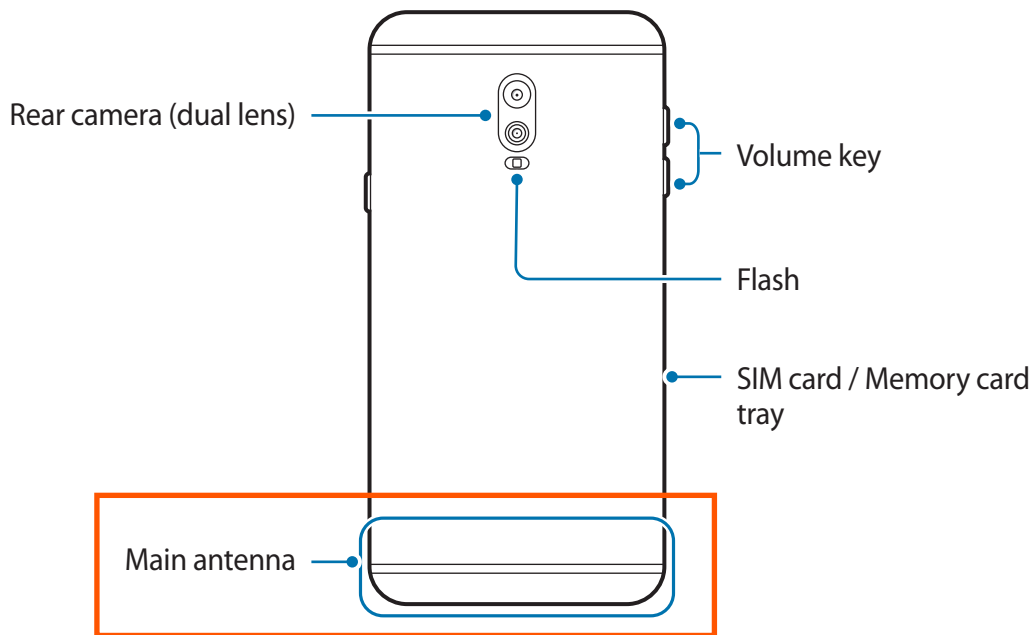
- Device
- USB cable
- Earphone
- Ejection pin
- USB power adaptor
- Quick start guide



- 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.
- 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





- 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 proximity/light sensor area with screen accessories, such as a screen protector or stickers. Doing so may cause the sensor to malfunction.
- Do not allow water to contact the touchscreen. The touchscreen may malfunction in humid conditions or when exposed to water.

## Keys

Key	Function
 <b>Power</b>	<ul style="list-style-type: none"> <li>• Press and hold to turn the device on or off.</li> <li>• Press to turn on or lock the screen.</li> </ul>
 <b>Recents</b>	<ul style="list-style-type: none"> <li>• Tap to open the list of recent apps.</li> </ul>
 <b>Home</b>	<ul style="list-style-type: none"> <li>• Press to turn on the screen while the screen is locked.</li> <li>• Press to return to the Home screen.</li> <li>• Press and hold to launch a preset app.</li> </ul>
 <b>Back</b>	<ul style="list-style-type: none"> <li>• Tap to return to the previous screen.</li> <li>• Tap and hold to access additional options for the current screen.</li> </ul>
 <b>Volume</b>	<ul style="list-style-type: none"> <li>• Press to adjust the device volume.</li> </ul>

## Battery

### 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 chargers, batteries, and cables. Unapproved chargers or cables can cause the battery to explode or damage the device.

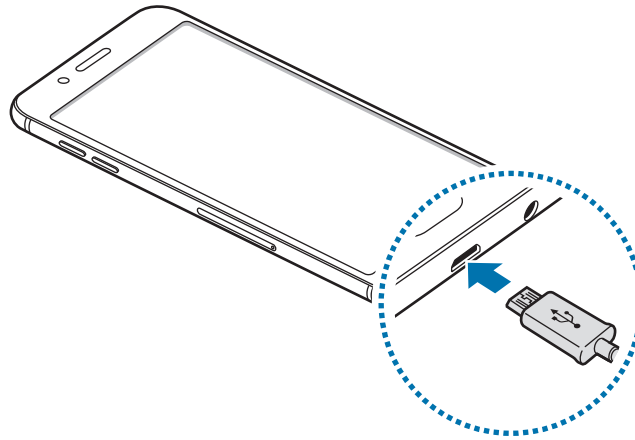


Connecting the charger improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.



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

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



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

## Reducing the battery consumption

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

- Optimise the device using the Smart manager feature.
- When you are not using the device, turn off the screen by pressing the Power key.
- Activate power saving mode.
- Close unnecessary apps.
- Deactivate the Bluetooth feature when not in use.
- Deactivate the Wi-Fi feature when not in use.
- Deactivate auto-syncing of apps that need to be synced, such as emails.
- Decrease the backlight time.
- Decrease the screen brightness.

## Battery charging tips and precautions

- When the battery power is low, the battery icon appears empty.
- 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)

### Installing the SIM or USIM card

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

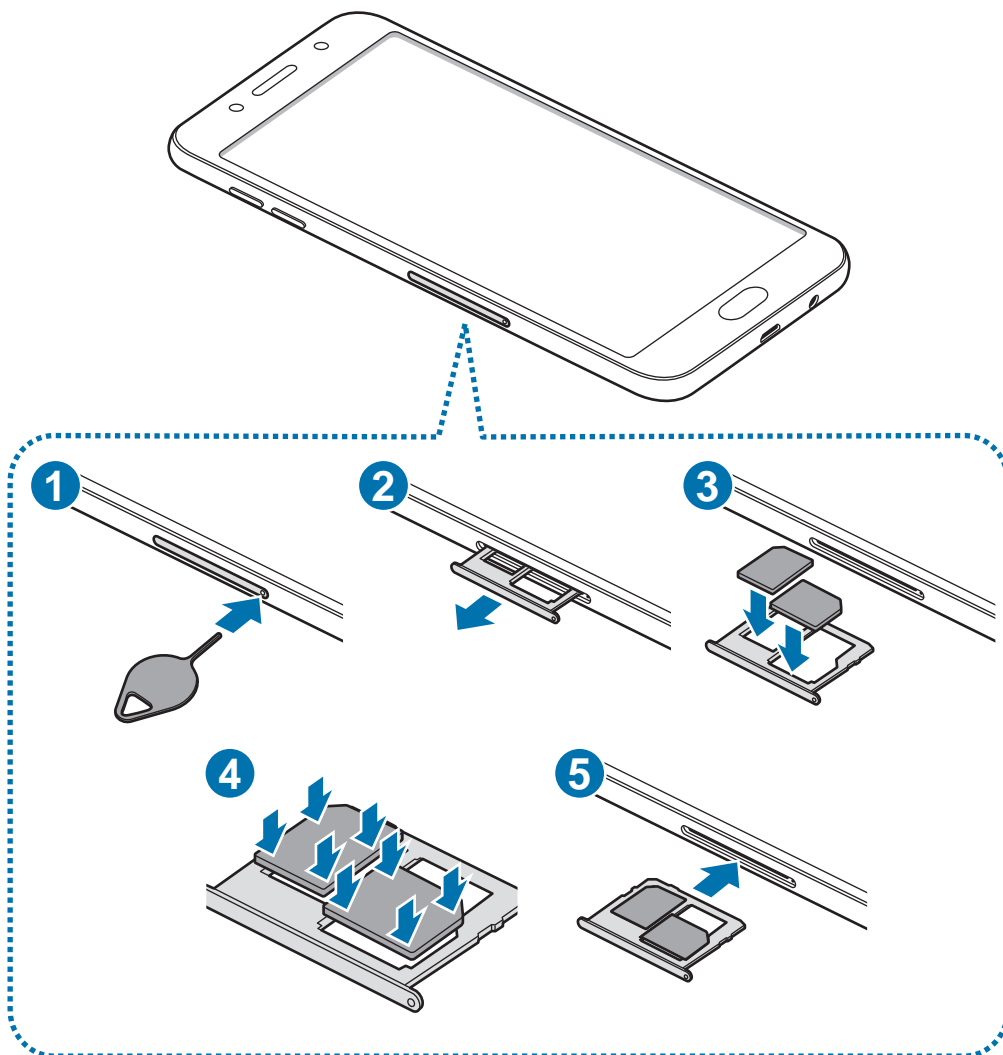
You can insert two SIM or USIM cards so you can have two phone numbers or service providers for a single device. In some areas, data transfer speeds may be slower if two SIM cards are inserted in the device than when one SIM card is inserted.



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.



Some LTE services may not be available depending on the service provider. For more information about service availability, contact your service provider.



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

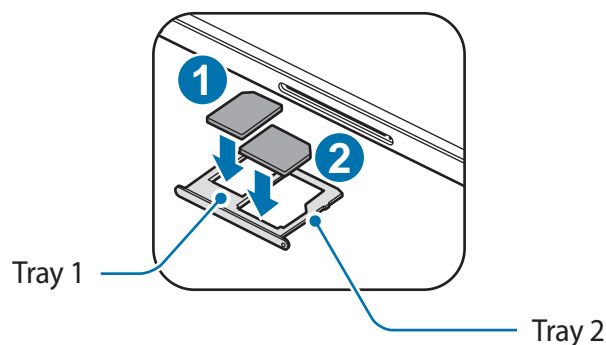


Ensure that the ejection pin is perpendicular to the hole. Otherwise, the device may be damaged.

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.

Place the primary SIM or USIM card on the tray 1 (1) and the secondary SIM or USIM card on the tray 2 (2).



- The phone cannot support two CDMA cards at the same time in China.
- When you insert the China Telecom (CTC) card and your other service provider's SIM card on your device, the CTC card will automatically connect to a 4G network and the other SIM card will connect to a 2G network. If you use your other SIM card for a 4G network, your CTC card will be connected to a 2G network.

4 Gently press the SIM or USIM card into the tray to secure it.



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

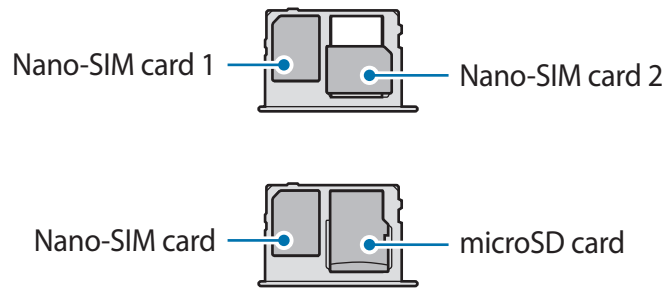
5 Insert the tray back into the tray slot.



- 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



- Use only a nano-SIM card.
- You cannot insert a nano-SIM card and a microSD card in tray 2 at the same time.

## Removing the SIM or USIM card

- 1 Insert the ejection pin into the hole on the tray to loosen the tray.
- 2 Pull out the tray gently from the tray slot.
- 3 Remove the SIM or USIM card.
- 4 Insert the tray back into the tray slot.

## Using dual SIM or USIM cards

If you insert two SIM or USIM cards, you can have two phone numbers or service providers for a single device.

## Activating SIM or USIM cards

Launch the **Settings** app and tap **Connections** → **SIM card manager**. Select a SIM or USIM card and tap the switch to activate it.



If both cards are activated, you can receive calls and messages on each card. While you are on a call on one card, you can answer a new call on the other card. These situations apply to voice calls only. Data calls or video calls may perform differently.

## Customising SIM or USIM cards

Launch the **Settings** app, tap **Connections** → **SIM card manager**, and then select a SIM or USIM card to access the following options:

- **Icon:** Change the icon of the SIM or USIM card.
- **Name:** Change the display name of the SIM or USIM card.
- **Network mode:** Select a network type to use with the SIM or USIM card.

## Setting preferred SIM or USIM cards

When two cards are activated, you can assign voice calls, messaging, data services.

Launch the **Settings** app, tap **Connections** → **SIM card manager**, and then set the feature preferences for your cards in **PREFERRED SIM CARD**.

## Memory card (microSD card)

### Installing a memory card

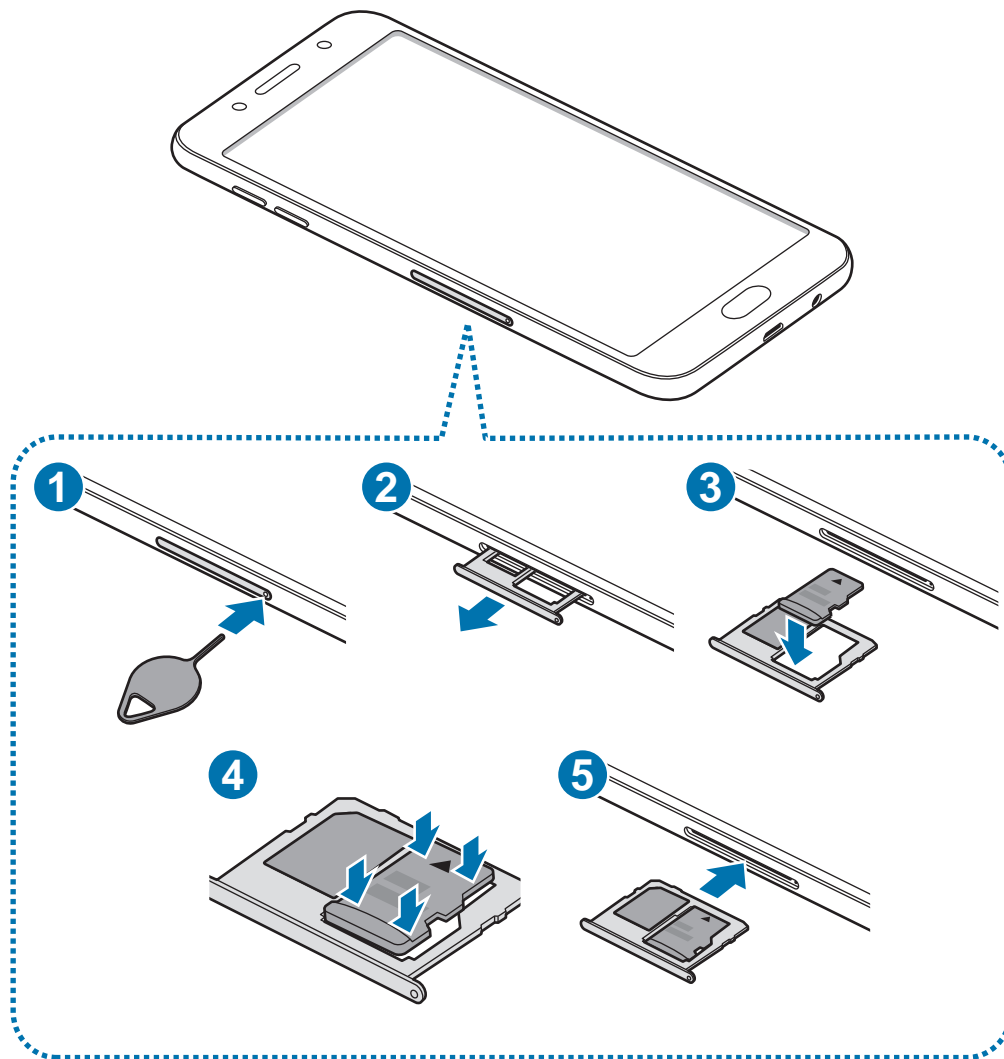
Your device's memory card capacity may vary from other models and some memory cards may not be compatible with your device depending on the memory card manufacturer and type. To view your device's maximum memory card capacity, refer to the Samsung website.



- 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.



- 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.



**1** Insert the ejection pin into the hole on the tray to loosen the tray.



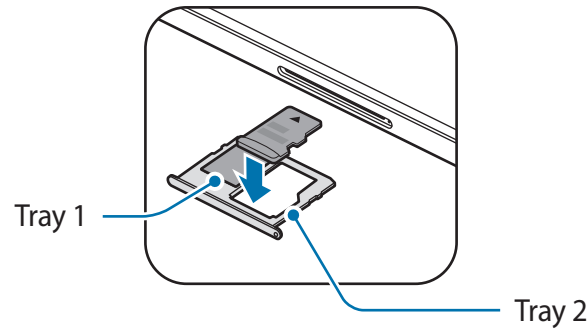
Ensure that the ejection pin is perpendicular to the hole. Otherwise, the device may be damaged.

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



When you remove the tray from the device, the mobile data connection will be disabled.

- 3 Place a memory card on the tray 2 with the gold-coloured contacts facing downwards.



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



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

- 5 Insert the tray back into the tray slot.



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

## Removing the memory card

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

Launch the **Settings** app and tap **General management** → **Storage** → **⋮** → **Storage settings** → **SD card** → **UNMOUNT**.

- 1 Insert the ejection pin into the hole on the tray to loosen the tray.

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

- 3 Remove the memory card.

- 4 Insert the tray back into the tray slot.



Do not remove external storage, such as a memory card, 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 **General management** → **Storage** →  → **Storage settings** → **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

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

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

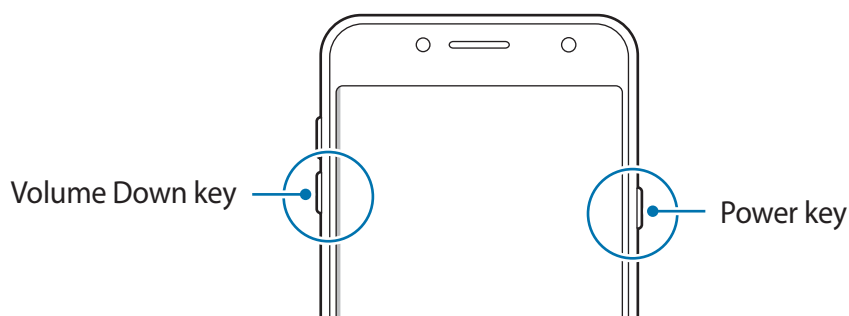
To turn off the device, press and hold the Power key, and then tap **Power off**.



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

## Restarting the device

If your device is frozen and unresponsive, press and hold the Power 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.

### Activating emergency mode

To activate emergency mode, press and hold the Power key, and then tap **Emergency mode**.



- Emergency calls cannot be made if a SIM/UIM card is not installed, your device cannot connect to a network, or no network is available.
- 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.

### Deactivating emergency mode

To deactivate emergency mode, tap **⋮ → Turn off Emergency mode**. Alternatively, press and hold the Power key, and then tap **Emergency mode**.

## 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.



The initial setup procedures may vary depending on the device's software and your region.

- 1 Turn on the device.

## 2 Select your preferred device language.



## 3 Tap the switch to connect your device to a mobile network.

## 4 Select a Wi-Fi network and connect to it.



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.

## 5 Follow the on-screen instructions to proceed the initial setup.

- 6 Sign in to your Samsung account. You can enjoy Samsung services and keep your data up to date and secure across all of your devices. Refer to [Samsung account](#) for more information.



- 7 Follow the on-screen instructions to proceed the initial setup.
- 8 Set a screen lock method to protect your device. You can protect your personal information by preventing others from accessing your device. To set the screen lock method later, tap **No, thank you**.
- 9 Select features you want to use and complete the initial setup.  
The Home screen will appear.



# Samsung account

## Introduction

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. Once your Samsung account has been registered, you can keep your data up to date and secure across your Samsung devices with Samsung Cloud, track and control your lost or stolen device, see tips and tricks from Samsung Members, and more.

Create your Samsung account with your email address.

To check the list of services that can be used with your Samsung account, visit [account.samsung.com](https://account.samsung.com). For more information on Samsung accounts, launch the **Settings** app and tap **Cloud and accounts** → **Accounts** → **Samsung account** → **Help**.

## Registering your Samsung account

### Registering a new Samsung account

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

- 1 Launch the **Settings** app and tap **Cloud and accounts** → **Accounts** → **Add account**.
- 2 Tap **Samsung account** → **CREATE ACCOUNT**.
- 3 Follow the on-screen instructions to complete creating your account.

### Registering an existing Samsung account

If you already have a Samsung account, register it to the device.

- 1 Launch the **Settings** app and tap **Cloud and accounts** → **Accounts** → **Add account**.
- 2 Tap **Samsung account** → **SIGN IN**.

**3** Enter your email address and password, and then tap **SIGN IN**.

If you forget your account information, tap **Forgot your ID or password?** You can find your account information when you enter the required information and security code displayed that is on the screen.

**4** Tap **DONE** to finish registering your Samsung account.

## Removing your Samsung account

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

**1** Launch the **Settings** app and tap **Cloud and accounts** → **Accounts**.

**2** Tap **Samsung account** →  → **Remove account**.

**3** Tap **OK**, enter your Samsung account password, and then tap **REMOVE ACCOUNT**.

## Transferring data from your previous device

You can transfer content, such as images, contacts, and messages, from your previous device via Smart Switch or from a backup of your data via Samsung Cloud.



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

## Smart Switch

You can transfer data from a previous device to your device via Samsung Smart Switch.

The following versions of Samsung Smart Switch are available.

- **Mobile version:** Transfer data between mobile devices. You can download the app from **Play Store**.
- **Computer version:** Transfer data between your device and a computer. You can download the app from [www.samsung.com/cn/smartswitch](http://www.samsung.com/cn/smartswitch).

## Transferring data wirelessly via Wi-Fi Direct

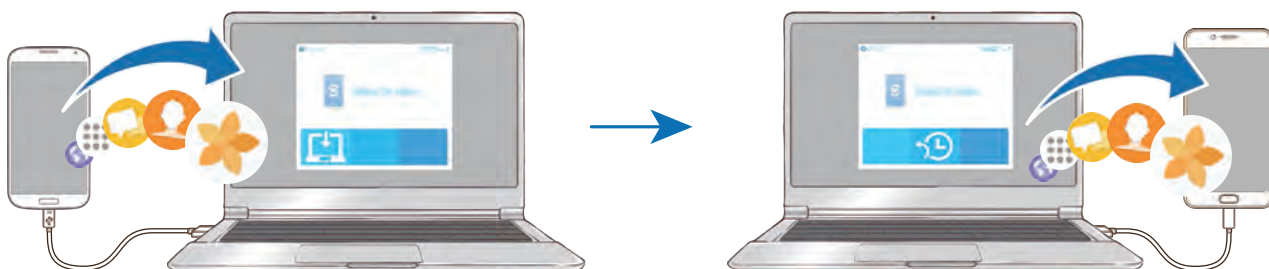
Transfer data from your previous device to your device wirelessly via Wi-Fi Direct.




- 1 On both devices, download and install Smart Switch from **Galaxy Apps**.
- 2 Place the devices near each other.
- 3 Launch **Smart Switch** on both devices.
- 4 On the previous device, tap **WIRELESS** → **SEND** → **CONNECT**.
- 5 On your device, tap **WIRELESS** → **RECEIVE** and select the previous device type.
- 6 Follow the on-screen instructions to transfer data from your previous device.

## Transferring backup data from a computer

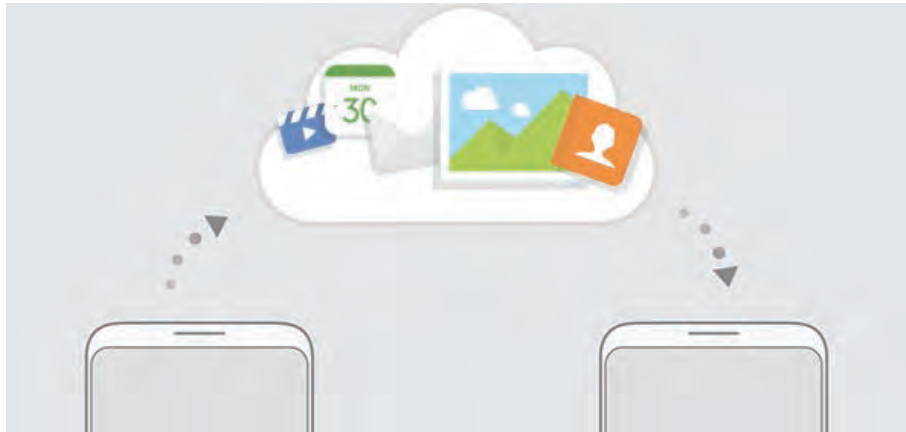
Transfer data between your device and a computer. You must download the Smart Switch computer version app from [www.samsung.com/cn/smartswitch](http://www.samsung.com/cn/smartswitch). Back up data from your previous device to a computer and import the data to your device.



- 1 On the computer, visit [www.samsung.com/cn/smartswitch](http://www.samsung.com/cn/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.

## Samsung Cloud

Back up data from your previous device to Samsung Cloud and restore the data to your new device. You must register and sign in to your Samsung account to use Samsung Cloud. Refer to [Samsung account](#) for more information.



### Backing up data

- 1 On your previous device, sign in to your Samsung account.
- 2 Launch the **Settings** app, select the backup option, and back up your data.



- If your device supports Samsung Cloud, launch the **Settings** app, tap **Cloud and accounts** → **Samsung Cloud** → **Backup settings**, and then back up your data.
- The data backup method may vary depending on your model.
- Some data will not be backed up. To check which data will be backed up, launch the **Settings** app, tap **Cloud and accounts** → **Samsung Cloud** → **Backup settings**.

### Restoring data

- 1 On your new device, launch the **Settings** app and tap **Cloud and accounts** → **Samsung Cloud** → **Restore**.
- 2 Tap ▼ and select the previous device from the devices list.
- 3 Tick the data types you want to restore and tap **RESTORE NOW**.

# Understanding the screen

## Controlling the touchscreen



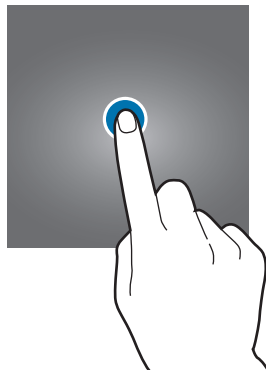
- Do not allow the touchscreen to come into contact with other electrical devices. Electrostatic discharges can cause the touchscreen to malfunction.
- To avoid damaging the touchscreen, do not tap it with anything sharp or apply excessive pressure to it with your fingertips.



- The device may not recognize touch inputs close to the edges of the screen, which are outside of the touch input area.
- Leaving the touchscreen idle for extended periods may result in afterimages (screen burn-in) or ghosting. Turn off the touchscreen when you do not use the device.
- It is recommended to use fingers when you use the touchscreen.

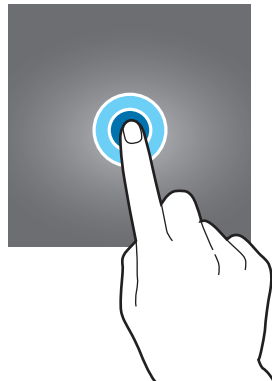
## Tapping

Tap the screen.



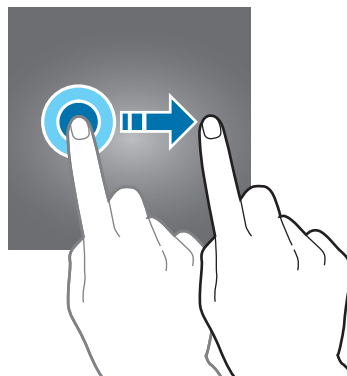
## Tapping and holding

Tap and hold the screen for approximately 2 seconds.



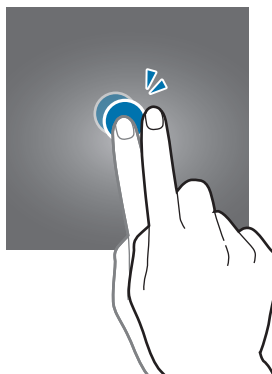
## Dragging

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



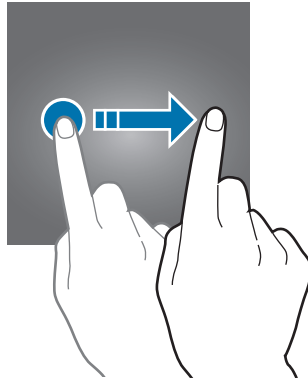
## Double-tapping

Double-tap the screen.



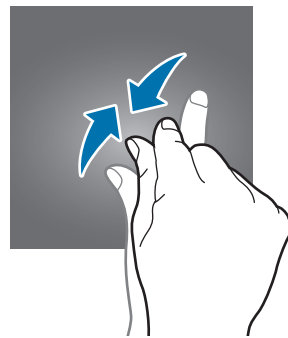
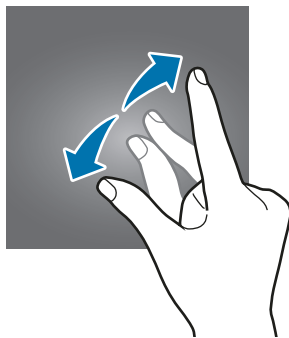
## Swiping

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



## Spreading and pinching

Spread two fingers apart or pinch on the screen.





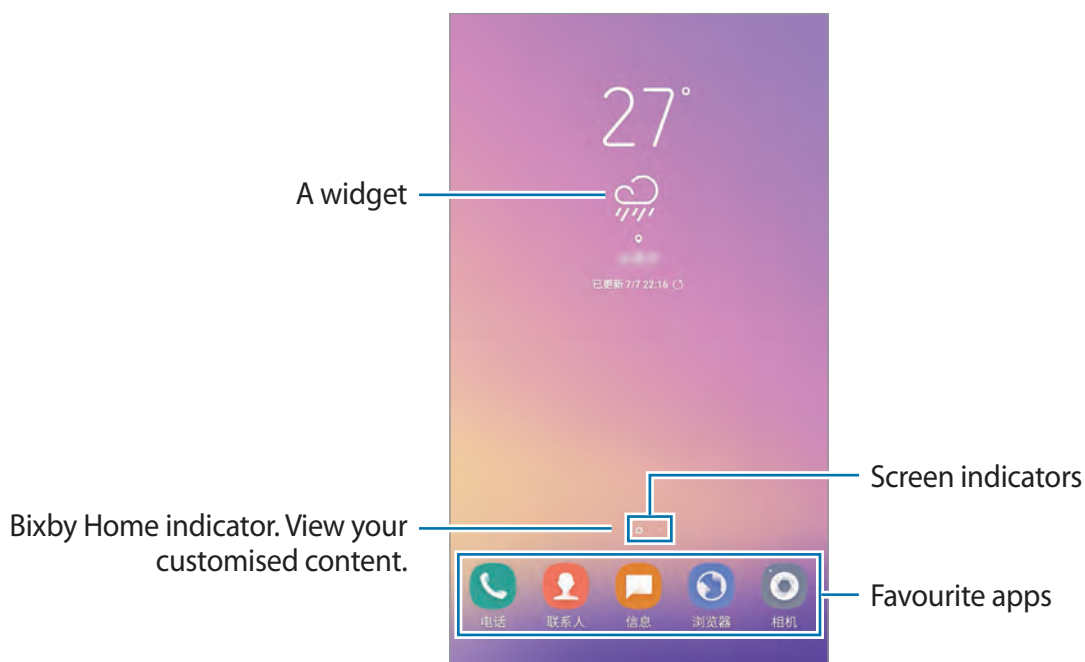
## Home screen

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

To view other panels, swipe to the left or right.



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



## Moving items

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

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

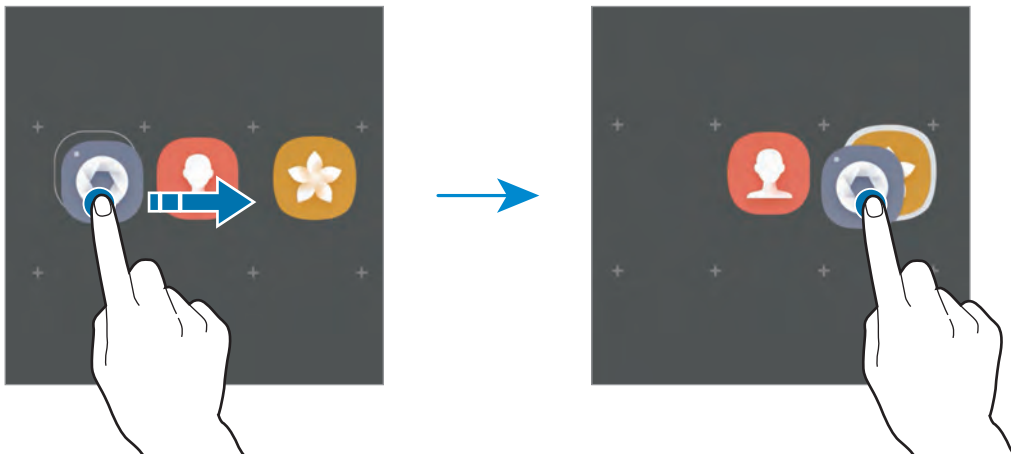
## Creating folders

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

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

2 Drop the app when a folder frame appears around the apps.

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



- **Adding more apps**

Tap **ADD APPS** on the folder. Tick the apps to add and tap **ADD**. 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**

When you move every app from a folder, the folder will be deleted. Tap and hold an app to drag it to a new location.

## 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.



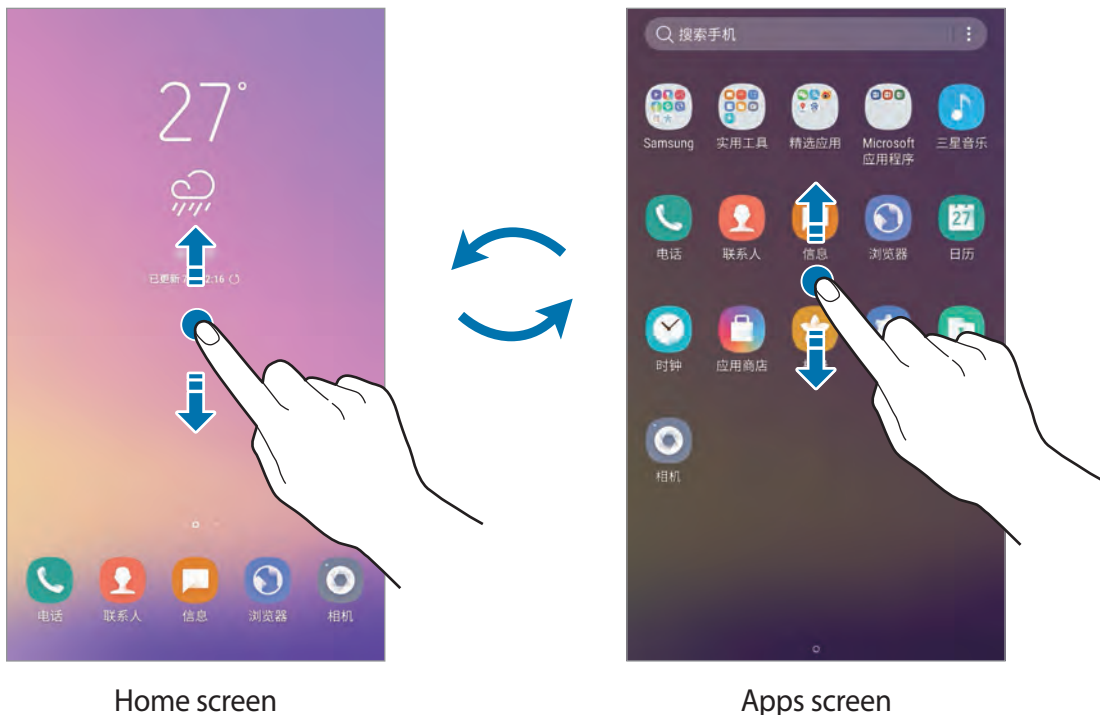
- **Wallpapers and themes:** Change the device's wallpaper, theme, or icons.
- **Widgets:** Widgets are small apps that launch specific app functions to provide information and convenient access on your Home screen. Tap and hold a widget, and then drag it to the Home screen. The widget will be added on the Home screen.
- **Home screen settings:** Change the size of the grid to display more or fewer items on the Home screen and more.

## Using the separate Apps screen

You can set to use separate Apps screen. The Apps screen will display icons for all apps, including newly installed apps. The Home screen will display shortcuts to apps and widgets.

On the Home screen, tap and hold an empty area, and then tap **Home screen settings** → **Home screen layout** → **Home and Apps screens** → **APPLY**.

To open the Apps screen, swipe upwards or downwards on the Home screen. To return to the Home screen, swipe upwards or downwards on the Apps screen. Alternatively, tap the Home key or the Back key.



## 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.



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.

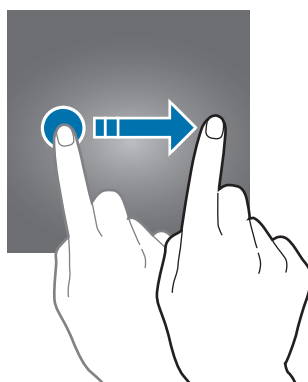
Icon	Meaning
	No signal
	Signal strength
	Roaming (outside of normal service area)
	Preferred SIM or USIM card for calls
	GPRS network connected
	EDGE network connected
	UMTS network connected
	HSDPA network connected
	HSPA+ network connected
	LTE network connected (LTE-enabled models)
	Wi-Fi connected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

## Lock screen

Pressing the Power 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,

- Press the Power key and swipe in any direction.
- When the screen is off (while using the Always On Display feature), hard press the Home key and swipe in any direction.



## Changing the screen lock method

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

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

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

- **Fingerprints:** Register your fingerprints to unlock the screen. Refer to [Fingerprint recognition](#) for more information.



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 and security** → **Secure lock settings**, and then tap the **Auto factory reset** switch to activate it.

## 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.

### Capturing a screenshot

Use the following methods to capture a screenshot. Captured screenshots will be saved in **Gallery**.

- **Key capture:** Press and hold the Volume Down key and the Power key simultaneously.
- **Quick setting button capture:** Open the notification panel, swipe downwards on the notification panel, and then tap **Capture screen**.
- **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**, 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:



- **Bixby Vision:** You can easily search for relevant information about objects in photos or translate text within photos using the Bixby Vision feature. Refer to [Bixby Vision](#) for more information.
- **Scroll capture:** Capture content that continues across multiple screens, such as a webpage. When you tap **Scroll capture**, the screen will automatically scroll down and more content will be captured.

- **Draw:** Write or draw on the screenshot.
- **Crop:** Crop a portion from the screenshot. The cropped area will be saved in **Gallery**.
- **Share:** Share the screenshot with others.

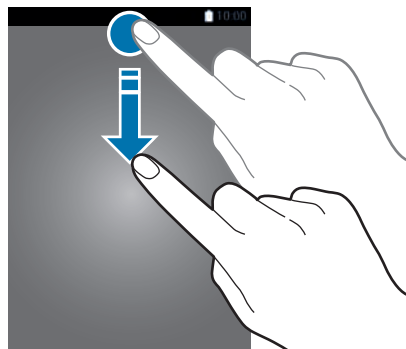


If the options are not visible on the captured screen, launch the **Settings** app, tap **Advanced features**, and then tap the **Smart capture** switch to activate it.

## Notification panel

When you receive new notifications, such as messages or missed calls, 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 open the notification panel, even on the locked screen.

You can use the following functions on the notification panel.






## Using quick setting buttons

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



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

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

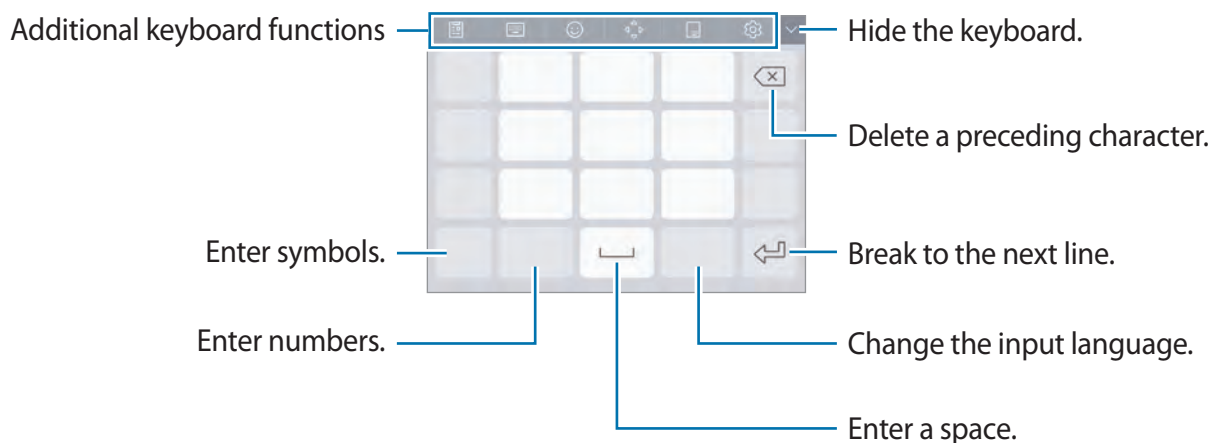
## Entering text

### Keyboard layout


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



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 the input language key to switch between the input languages. Tap  → **Languages and types** → **MANAGE INPUT LANGUAGES**, and then select the languages to use.









### Changing the keyboard layout

Tap  → **Languages and types**, select a language, and then select a keyboard layout to use.







On **Pinyin 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



-  : Add an item from the clipboard.
-  → **PY. QWERTY**: Switch to qwerty pinyin mode.
-  → **PINYIN 3 x 4**: Switch to 3x4 pinyin mode. To enter a character, tap the corresponding key repeatedly until the desired character appears.
-  → **SHUANGPIN**: Switch to shuangpin mode. To view the character input map, tap  → **Chinese input options** → **ShuangPin keyboard**.
-  → **STROKE**: Switch to stroke mode. Tap stroke keys to enter a character. Tap 通 when you are unsure about which stroke to enter.
-  → **HALF-SCREEN HANDWRITING** or **FULL-SCREEN HANDWRITING**: Switch to handwriting mode.
-  → **WUBI**: Switch to wubi mode.



This feature may not be available depending on the region or service provider.

-  : Enter emoticons.
-  : Open the text editing panel.
-  : Change the keyboard for one-handed operation.
-  : Change the keyboard settings.

## 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.


## Dictionary

Look up definitions for words while using certain features, such as when browsing webpages.



- 1 Tap and hold over a word that you want to look up.

If the word you want to look up is not selected, drag  or  to select the desired text.

- 2 Tap  → **Dictionary** on the options list.

If a dictionary is not preinstalled on the device, tap **Move to Manage dictionaries** →  next to a dictionary to download it.

- 3 View the definition in the dictionary pop-up window.

To switch to the full screen view, tap . Tap the definition on the screen to view more definitions. In the detailed view, tap  to add the word to your favourite words list or tap **Search Web** to use the word as a search term.

# Apps and features

## Installing or uninstalling apps

### Galaxy Apps

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

Launch the **Galaxy Apps** app.




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

### Installing apps

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

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



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

## Managing apps

### Uninstalling apps and using app sleep mode

Tap and hold an app and select an option.

- **Disable:** Disable selected default apps that cannot be uninstalled from the device.
- **Sleep:** Put apps in sleep mode to save the battery by preventing them from running in the background.
- **Uninstall:** Uninstall downloaded apps.

### Enabling apps

Launch the **Settings** app, tap **Apps** → ▼ → **Disabled**, 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. When you open an app, a pop-up window may appear and request access to certain features or information. Tap **ALWAYS ALLOW** on the pop-up window to grant permissions to the app.

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** → ⋮ → **App permissions**. Select an item and tap the switches next to apps to grant permissions.



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

# Bixby Home

## Introduction

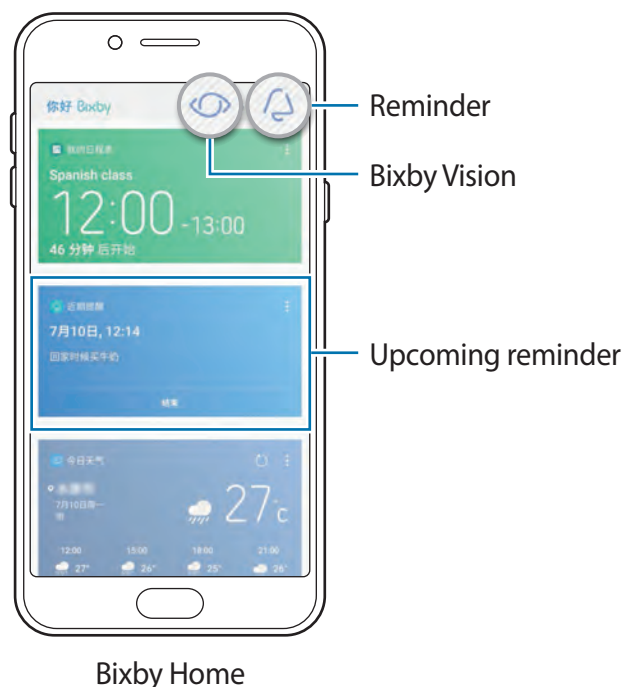
Bixby is a new interface that can communicate with you and it provides services that help you to use your smartphone more conveniently. You can launch Bixby Vision and Reminder from Bixby Home.

- **Bixby Home:** You can view recommended services and information that Bixby provides by analysing your usage patterns and your routine.
- **Bixby Vision:** You can easily search for relevant information about objects or locations using the Bixby Vision features.
- **Reminder:** You can schedule notifications or things to do.



- To use the Bixby feature, your device must be connected to a Wi-Fi or mobile network.
- To use the Bixby feature, you must sign in to your Samsung account.

Swipe to the right on the Home screen to open Bixby Home. To close Bixby Home, swipe to the left on the Bixby Home screen.



The Bixby Home screen may appear differently depending on the region or service provider.

## Starting Bixby

Bixby saves data about your usage patterns and routine to your Samsung account and provides recommended features.

- 1 Swipe to the right on the Home screen.
- 2 View an introduction to Bixby and tap **NEXT**.
- 3 Tap **SIGN IN** and follow the on-screen instructions to sign in to your Samsung account.



If you are already signed in, this step will not appear.

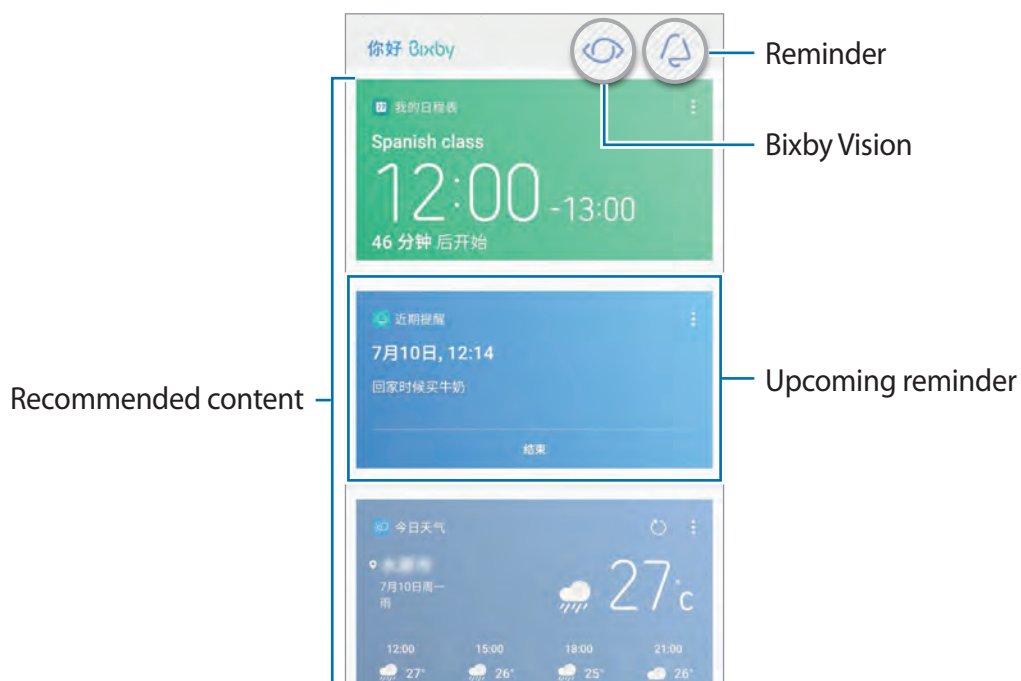
- 4 Read and agree to the terms and conditions and tap **NEXT**.

The Bixby Home screen will appear.

## Using Bixby Home

On the Bixby Home screen, you can view recommended services and information that Bixby provides by analysing your usage patterns and your routine. You can also launch Bixby Vision and Reminder from Bixby Home.

To open Bixby Home, swipe to the right on the Home screen.







- The content and order of the cards update automatically at a specified interval. To manually update cards, swipe downwards on the screen.
- To close Bixby Home, swipe to the left on the screen.

## Bixby Vision

Bixby Vision detects what you are looking at and easily and quickly gives you the information you want. You can easily search for information about objects or locations using the Bixby Vision features.

Use the following Bixby Vision features:



Search for shopping information.



Detect and translate text.



Search for similar images.



Search for nearby places.



Search for wine information.






Read QR codes.



- To use this feature, the device must be connected to a Wi-Fi or mobile network.
- To use this feature, you must register and sign in to your Samsung account.
- The available features and search results may vary depending on the region or service provider.
- This feature may not be available or you may not get correct search results depending on the image resolution.
- Samsung is not responsible for the product information provided by Bixby Vision.

## Launching Bixby Vision

You can launch Bixby Vision from Bixby Home or from the Bixby Vision supported apps.

- On the Bixby Home screen, tap .
- In the **Camera** app, tap .
- In the **Gallery** app, select an image and tap .
- In the **Internet** app, tap and hold an image and tap **Bixby Vision**.



Bixby Home



Camera



Gallery



Internet

## Searching for shopping information

Recognise a product's appearance or barcode and search for information.

For example, if you want to search for the product's information online, use the Bixby Vision features. The device will search for and show you the results.

1 Point the camera towards the desired image or object and activate Bixby Vision.

2 Keep the object within the frame in the camera's viewfinder to recognise it.

When the object is recognised, the available search icons will appear.

3 Tap .

You can view the product's details if there is related information online.

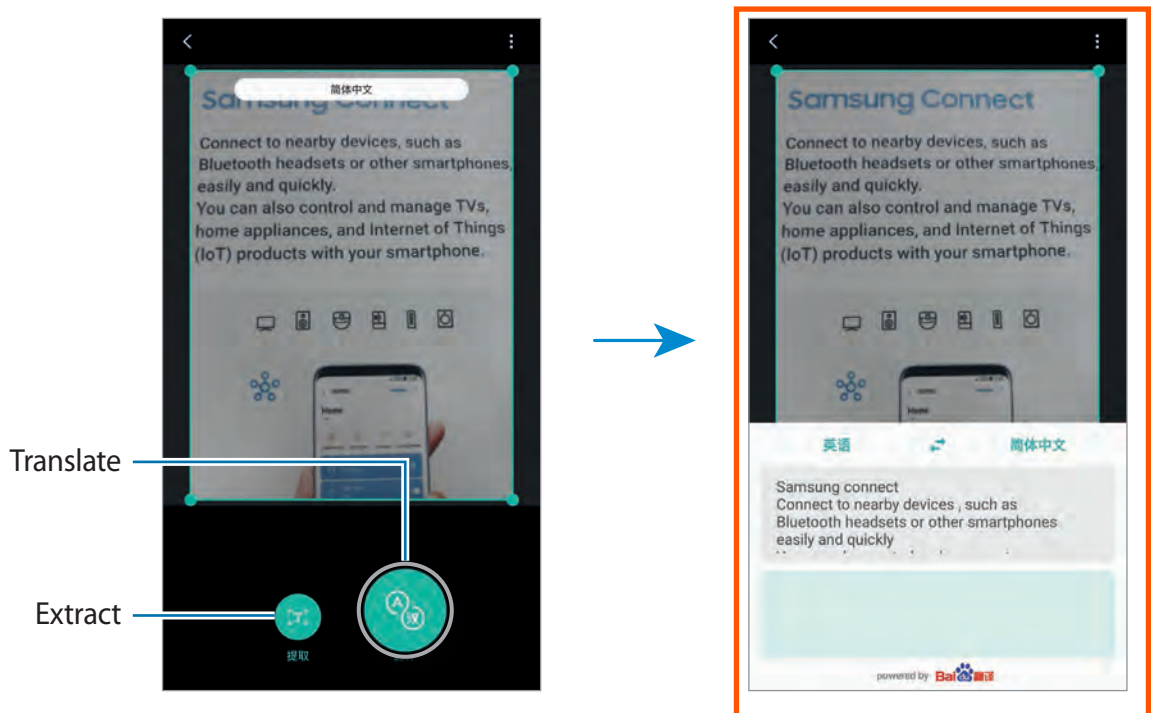


## Detecting and translating text

Detect and save information on business cards, or detect text in an image to share or translate it.

For example, if you want to know what a sign says while travelling abroad, use the Bixby Vision features. The device will detect the sign's text and translate it into the language you select.


- 1 Point the camera towards the desired image or object and activate Bixby Vision.
- 2 Keep business cards or text within the frame in the camera's viewfinder to recognise it. When text is recognised, the available search icons will appear.
- 3 Tap **T**.
  - **Save in Contacts:** Save the information extracted from the business card as a contact.
  - **Extract:** Detect text and share it with others. You can edit the text before sharing it.
  - **Translate:** Detect text and translate it. **Select a target language.**



## Searching for similar images

Search for images similar to the recognised object online. You can view various images with properties similar to the object, such as colour or shape.


For example, if you want to know the title of a photo or image, use the Bixby Vision features. The device will search for and show you related information or images with similar characteristics.

- 1 Point the camera towards the desired image or object and activate Bixby Vision.
- 2 Keep the object within the frame in the camera's viewfinder to recognise it.  
When the object is recognised, the available search icons will appear.
- 3 Tap .

## Searching for nearby places

Search for landmarks or information about nearby places.

For example, if you want to search for cafes in your current area, use the Bixby Vision features. The device will search for and show you nearby cafes.

- 1 Point the camera towards the desired image or object and activate Bixby Vision.
- 2 Keep the object or place within the frame in the camera's viewfinder to recognise it.  
When the area is recognised, the available search icons will appear.
- 3 Tap .
- 4 To view nearby places through the camera, tap **LIVE VIEW**.  
When you move your device, nearby places in the direction where the camera is facing will appear on the screen.  
**To view your current location and nearby places on the map, hold your device horizontally to the ground.**




You can also search for landmarks or information on nearby places by tapping .

## Searching for wine information


Detect the information from a wine label and search for information on the wine. Information, such as **its vintage chart, food pairings, and world ranking, will be provided.**

For example, if you find your favourite wine or want to know more about a wine, use the Bixby Vision features.


- 1 Point the camera towards the desired image or object and activate Bixby Vision.
  - 2 Keep the wine label within the frame in the camera's viewfinder to recognise it.  
When the wine label is recognised, the available search icons will appear.
  - 3 Tap .
- The information about the wine label will appear.

## Reading QR codes

Recognise a QR code and view the information saved in the QR code. You can read QR codes to access a variety of information, such as a website's address, content details, location information, or business card details.

- 1 Point the camera towards the desired image or object and activate Bixby Vision.
  - 2 Keep the QR code within the frame in the camera's viewfinder to recognise it.  
When the QR code is recognised, the available search icons will appear.
  - 3 Tap .
- The QR code's information will appear.

## Setting languages for text detection

- 1 Activate Bixby Vision.
- 2 Tap  → **Settings** → **Select languages**.
- 3 Select **Documents** or **Business cards**, check languages to use, and then tap **DONE**.

## Reminder

Schedule notifications or to-do items or use location reminders. You can also create a reminder to view a webpage later while browsing the Internet.



- To use this feature, the device must be connected to a Wi-Fi or mobile network.
- To use location reminders, the GPS feature must be activated.
- To use this feature, you must register and sign in to your Samsung account.

## Starting Reminder

You can start Reminder from Bixby Home.

- 1 Swipe to the right on the Home screen.  
The Bixby Home screen will appear.
- 2 Tap **GET STARTED** on the **UPCOMING REMINDERS** card.  
The Reminder intro page will appear.



- 3 Make sure the **Add icon on Home screen** option is ticked and tap **START**.  
The reminder composition screen will appear.  
If you add the **Reminder** app icon (🔔) to the Home screen, you can launch the **Reminder** app from the Home screen.

## Creating reminders

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

You can create various reminders, such as:

- Take medicine.
- Feed the dog.
- Go to the gym.
- Work out.

### Creating reminders via the Reminder app

For example, create a reminder to alert you to 'take your medicine at 9 AM'.

- 1 Launch the **Reminder** app.
- 2 Tap **Write a reminder** and enter 'Take medicine.'
- 3 Tap **Set conditions** → **Specific date and time** and set the time to '9 AM'.



- 4 Tap **SAVE** to save the reminder.



## Creating reminders while browsing the Internet

While browsing the Internet, you can create reminders to view a webpage, such as a news site, later.

1 While browsing the Internet, tap  → **Share**.

2 Tap **Reminder**.

The webpage address will be saved as a reminder automatically.

To set the data, time, or location manually, tap .

## Checking reminder notifications

At the preset time or location, a notification pop-up window will appear. Tap **COMPLETE** or **SNOOZE**.



## Viewing the reminders list

Launch the **Reminder** app. You can view your reminders list. To view reminder details, select a reminder.

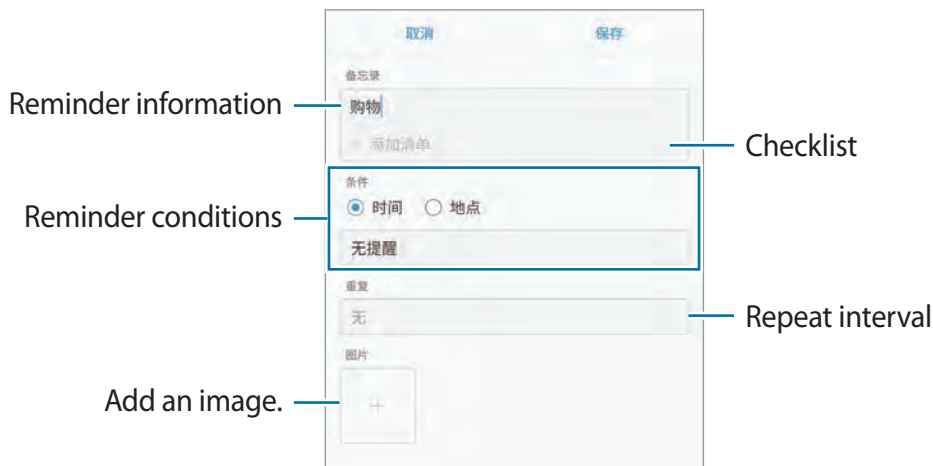


## Setting reminder details

Add or edit reminder details, such as frequency, date and time, or location.

1 Select a reminder to edit and tap **EDIT**.

2 Edit the conditions and tap **SAVE**.




## Completing reminders

Mark reminders that you do not need to be reminded of as complete.

On the reminders list, select a reminder and tap **COMPLETE**. Or, when a notification pop-up window appears, tap **COMPLETE**.

## Restoring reminders

Restore reminders that have been completed.

1 On the reminders list, tap  → **Completed items** → **EDIT**.

2 Tick items to restore and tap **RESTORE**.

Reminders will be added to the reminders list and you will be reminded at the preset times.

## Deleting reminders

To delete a reminder, swipe right on a reminder and tap **Delete**. To delete multiple reminders, tap and hold a reminder, tick reminders to delete, and then tap **DELETE**.

## Using recommended content on Bixby Home

When you open Bixby Home, you can view the content that is frequently updated as Bixby cards. Swipe upwards or downwards to view the Bixby cards.

For example, on the way to the office in the morning, Bixby Home will show your day's schedule and play your favourite songs. In the evening, you can set alarms, check your daily activity, and view your friends' feeds.

### Viewing Bixby cards

#### Checking your morning alarm

At night, Bixby Home will show your alarm for the following morning.

You can check your alarm information. You can also edit the alarm by tapping the card. To turn off the alarm, tap the switch next to the alarm to deactivate it.



## Checking a reminder

If you have added reminders, the most recent reminder will appear on the Bixby Home screen.

On the Bixby Home screen, swipe upwards or downwards to scroll to the Reminder card.





You can check the reminder information. If the reminder has a checklist, you can complete individual items on the checklist.

To view the reminders list, tap **UPCOMING REMINDERS**.

## Using additional Bixby cards

- View the most recent event created in your planner. Tap a card to view its details or tap the area below the task to view other events scheduled on the same day.
- Check today's weather for your current area in real time and view your location information.
- Preview the photos and videos you have taken today.
- View updated news.

## Editing Bixby cards list


- To pin a card to the top of the Bixby Home screen, tap  → **Pin to top**. To unpin a card, tap .
- To hide a card from the list, tap  → **Hide for now**.
- To stop displaying a card on the list, tap  → **Don't show again**.

## Selecting apps to show as Bixby cards

Add or delete apps to show as cards on the Bixby Home screen.

On the Bixby Home screen, tap  → **Settings** → **Cards** and tap the switches next to items to add or delete them.






If an app is not installed on the device, you must install it to use it. On the Bixby Home screen, tap  → **Settings** → **Apps with cards** and then download an app.

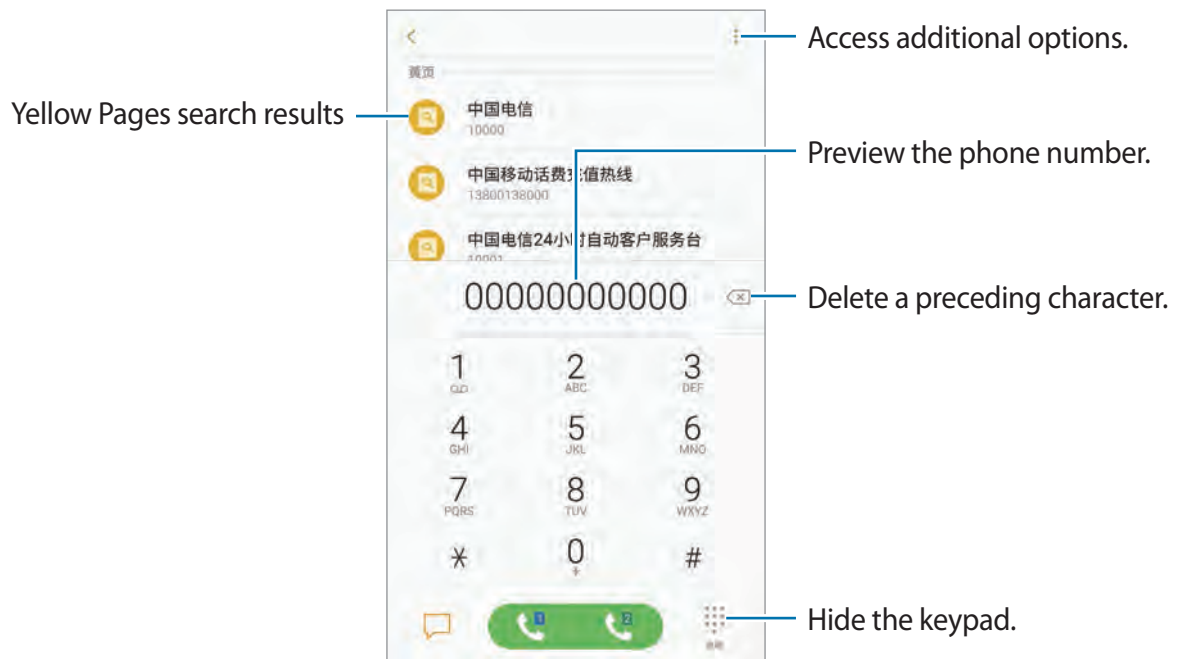
# Phone

## Introduction

Make or answer voice calls.

## Making calls

- 1 Launch the **Phone** app and enter a phone number.  
If the keypad does not appear on the screen, tap  to open the keypad.
- 2 Tap  or  to make a voice call.




## Making calls from call logs or contacts list

Tap **RECENTS** or **CONTACTS**, and then swipe to the right on a contact or a phone number to make a call. If this feature is deactivated, launch the **Settings** app, tap **Advanced features**, and then tap the **Swipe to call or send messages** switch to activate it.

## Using speed dial

Set speed dial numbers to quickly make calls.

To set a number to speed dial, tap  → **Speed dial**, 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 calls from the locked screen




On the locked screen, drag  outside the circle.

## Making calls using Yellow Pages

You can easily search for businesses and then call them using the call ID data provided by Yellow Pages.

Tap **YELLOW PAGES** and enter numbers or characters in the search field. The device automatically displays the businesses identified in the search. Select a business to call.

## Making an international call

- 1 Tap  to open the keypad if the keypad does not appear on the screen.
- 2 Tap and hold **0** until the + sign appears.
- 3 Enter the country code, area code, and phone number, and then tap  or .

## 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 or a sticker when rejecting an incoming call, drag the rejection message bar upwards.



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

### Missed calls

If a call is missed, the  icon appears on the status bar. Open the notification panel to view the list of missed calls. Alternatively, launch the **Phone** app and tap **RECENTS** to view missed calls.

## Blocking phone numbers

Block calls from specific numbers added to your block list.

- 1 Launch the **Phone** app and tap  → **Settings** → **Call blocking** → **Black list** → **BLACK LIST**.
- 2 Tap  → **Add manually** or **Add from Contacts/Phone log**.
- 3 Enter a phone number or select contacts, and then tap **DONE**.

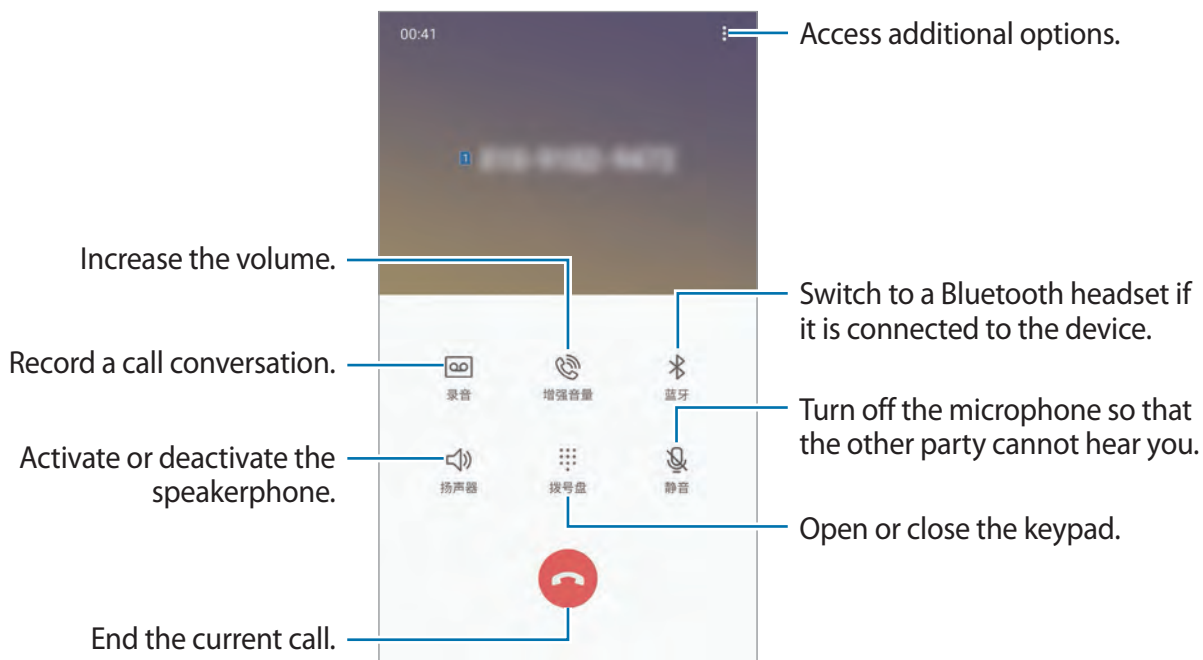


You can also block incoming calls from people that do not show their caller ID. Tap **SETTINGS** and tap the **Block anonymous calls** switch to activate the feature.

## Options during calls

### During a voice call


The following actions are available:



When using the speakerphone, keep the device away from your ears.

### Adding a phone number to Contact

#### Adding a phone number to Contacts from the keypad

- 1 Launch the **Phone** app.
- 2 Enter the number and tap **ADD TO CONTACTS**.  
If the keypad does not appear on the screen, tap  to open the keypad.
- 3 Tap **Create contact** to create a new contact, or tap **Update existing** to add the number to an existing contact.



## Adding a phone number to Contacts from the calls list

- 1 Launch the **Phone** app and tap **RECENTS**.
- 2 Tap a phone number → **Details**.
- 3 Tap **CREATE CONTACT** to create a new contact, or tap **UPDATE EXISTING** to add the number to an existing contact.


## Contacts

### Introduction

Create new contacts or manage contacts on the device.

### Adding contacts

#### Creating a new contact

- 1 Launch the **Contacts** app, tap , and then select a storage location.
- 2 Enter contact information.





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

**3** 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/Export contacts** → **IMPORT**.
- 2** Select a storage location to import contacts from.
- 3** Tick VCF files or contacts to import and tap **DONE**.
- 4** Select a storage location to save contacts to and tap **IMPORT**.

## Syncing contacts with your web accounts

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

Launch the **Settings** app, tap **Cloud and accounts** → **Accounts**, select an account name, select the account to sync with, and then tap **Contacts (Samsung account)** or **Sync Contacts**.

## Searching for contacts

Launch the **Contacts** app.

Use one of the following search methods:

- Scroll up or down the contacts list.
- Drag a finger along the index at the right side of the contacts list to scroll through it quickly.
- Tap the search field at the top of the contacts list and enter search criteria.

Tap the contact's image, or tap the contact's name → **Details**. Then take one of the following actions:

- ★ : Add to favourite contacts.
- 📞 : Make a voice call.
- 📞<sup>IP</sup> : Make an IP call.
- 💬 : Compose a message.
- ✉️ : Compose an email.

## Sharing contacts

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

- 1 Launch the **Contacts** app and tap ⋮ → **Share**.
- 2 Select contacts and tap **SHARE**.
- 3 Select a sharing method.

## Saving and sharing profile

Save and share your profile information, such as your photo and status message, with others using the profile sharing feature.



- The profile sharing feature may not be available depending on the region or service provider.
- The profile sharing feature is only available for contacts who have activated the profile sharing feature on their device.

- 1 Launch the **Contacts** app and select your profile.
- 2 Tap **EDIT**, edit your profile, and tap **SAVE**.
- 3 Tap ⋮ → **Profile sharing**, and then tap the switch to activate it.


To use the profile sharing feature, your phone number must be verified. You can view your contacts' updated profile information in **Contacts**.

To set additional items to share, tap **Shared content** and tap the switches next to the items you want to activate them.


To set a contact group to share your profile with, tap **Share with** and select an option.


## Merging duplicate contacts

When you import contacts from other storages, or sync contacts with other accounts, your contacts list may include duplicate contacts. Merge duplicate contacts into one to streamline your contacts list.

- 1 Launch the **Contacts** app and tap  → **Manage contacts** → **Merge contacts**.
- 2 Tick contacts and tap **MERGE**.

## Deleting contacts

- 1 Launch the **Contacts** app and tap  → **Delete**.
- 2 Select contacts and tap **DELETE**.

To delete contacts one by one, open the contacts list and tap a contact's image or tap a contact's name → **Details**. Then tap  → **Delete**.

## Messages


### Introduction

Send and view messages by conversation.

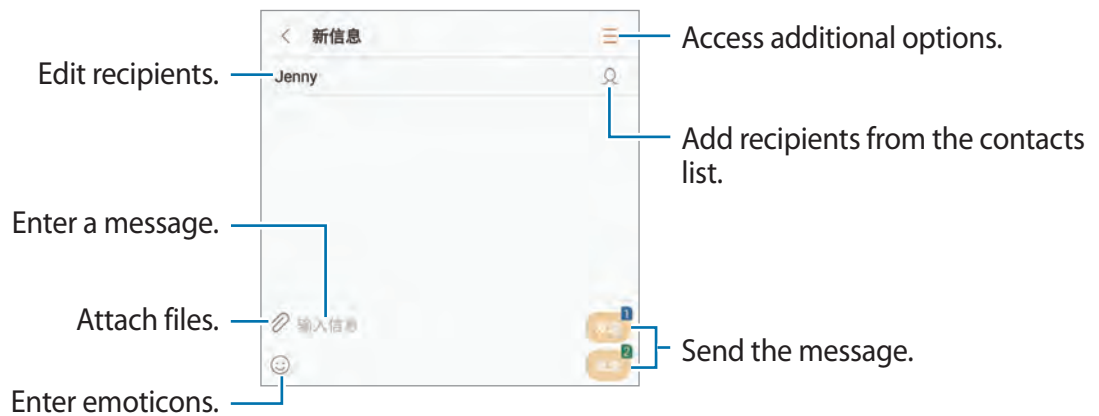
### Sending messages



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

- 1 Launch the **Messages** app and tap .
- 2 Add recipients and tap **COMPOSE**.

### 3 Enter a message.



### 4 Tap or to send the message.

## Viewing messages

Messages are grouped into message threads by contact.




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

### 1 Launch the **Messages** app and tap **CONVERSATIONS**.



### 2 On the messages list, select a contact.

### 3 View your conversation.

To reply to the message, enter a message and tap  or .


## Blocking unwanted messages

Block messages from specific numbers added to your block list.

- 1 Launch the **Messages** app and tap  → **Settings** → **Block messages** → **Black list** → **BLACK LIST**.
- 2 Tap  → **Add manually** or **Add from Contacts/Phone log**.
- 3 Enter a phone number or tick contacts, and then tap **DONE**.

## Setting the message notification

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

- 1 Launch the **Messages** app, tap  → **Settings** → **Notifications**, and then tap the switch to activate it.
- 2 Change the notification settings.
  - **Notification sound:** Change the notification sound.
  - **Vibrate when sound plays:** Set the device to vibrate when you receive messages.
  - **Pop-up display:** Set the device to display messages in pop-up windows.
  - **Preview message:** Set the device to display message content on the locked screen and in pop-up windows.

## Setting a message reminder

You can set an alert at an interval to let you know that you have unchecked notifications. If this feature is not activated, launch the **Settings** app, tap **Accessibility** → **Notification reminder**, and then tap the switch to activate it. Then, tap the **Messages** switch to activate it.

# Internet

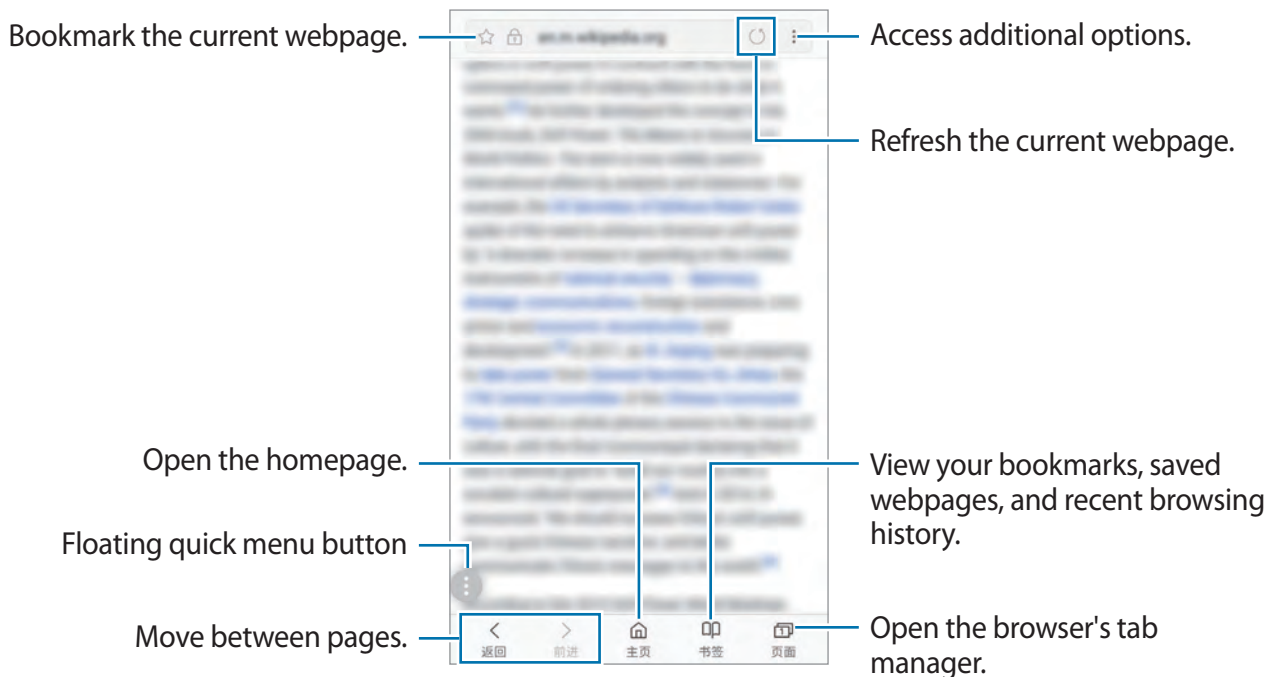
## Introduction

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

## Browsing webpages

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

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



## Using secret mode

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

### Activating secret mode

In the toolbar at the bottom of the screen, tap **Tabs** → **TURN ON SECRET MODE**. If you are using this feature for the first time, set whether to use a password for secret mode.




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

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

### Changing security settings


You can change your password or the lock method.

Tap  → **Settings** → **Privacy** → **Secret mode security** → **Change password**. To set your registered fingerprint as the lock method along with the password, tap the **Fingerprints** switch to activate it. Refer to [Fingerprint recognition](#) for more information about using your fingerprints.

### Deactivating secret mode

In the toolbar at the bottom of the screen, tap **Tabs** → **TURN OFF SECRET MODE**.

## Using the quick menu

You can access menus quickly by tapping the floating quick menu button  on the bottom left of the screen.

- **Share:** Send the website address you are browsing with other people or add the address to apps such as **Samsung Notes** or **Remainder**.
- **New tap:** Open a new tab.
- **Web page text size:** Adjust the web page text size by dragging the bar to the left or right.



If you cannot find a certain quick menu, tap  and select a quick menu to activate.








## Email

### Setting up email accounts


Set up an email account when opening **Email** for the first time.

- 1 Open the 实用工具 folder and launch the **Email** app.
- 2 Select an email service, enter the email address and password, and then tap **SIGN IN**.  
To manually register an email account, tap **MANUAL SETUP**.
- 3 Follow the on-screen instructions to complete the setup.

To set up another email account, tap  →  → **Add account**.

If you have more than one email account, you can set one as the default account. Tap  →  →  → **Set default account**.

### Sending emails



- 1 Tap  to compose an email.
- 2 Add recipients and enter an email text.
- 3 Tap **SEND** to send the mail.

### Reading emails

When **Email** is open, the device will automatically retrieve new emails. To manually retrieve emails, swipe downwards on the screen.

Tap an email on the screen to read it.



If email syncing is disabled, new emails cannot be retrieved. To enable email syncing, tap  →  → your account name, and then tap the **Sync account** switch to activate it.

## Camera

### Introduction


Take photos and record videos using various modes and settings. You can take a photo, as if shot by a professional photographer, with the new dual lens camera feature.

#### Camera etiquette

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

### Launching Camera

Use the following methods to launch Camera:

- Launch the **Camera** app.
- On the locked screen, drag  outside the circle.



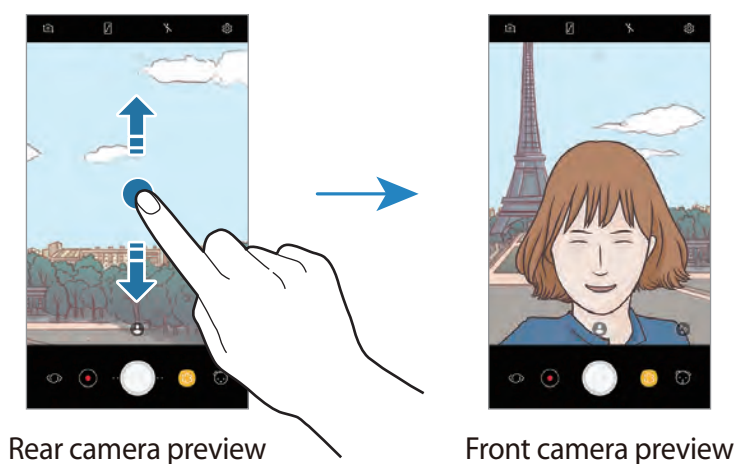
- Some methods may not be available depending on the region or service provider.
- Some camera features are not available when you launch the **Camera** app from the locked screen or when the screen is turned off while the screen lock method is set.
- If photos you take appear blurry, clean the camera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

## Using swipe gestures

Quickly control the preview screen by swiping in different directions. You can change the shooting mode, switch between cameras, or apply filters or other effects.

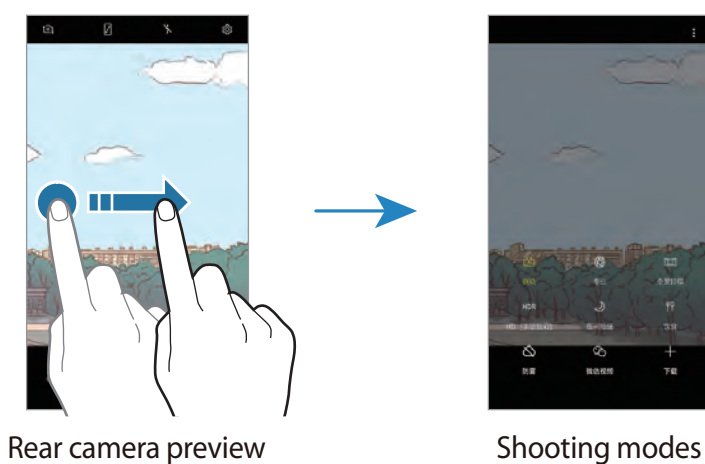
### Switching cameras

On the preview screen, swipe upwards or downwards to switch between cameras.



### Changing shooting modes

On the preview screen, swipe to the right to open the shooting modes list. Select a shooting mode you want.



## Applying filters and other effects

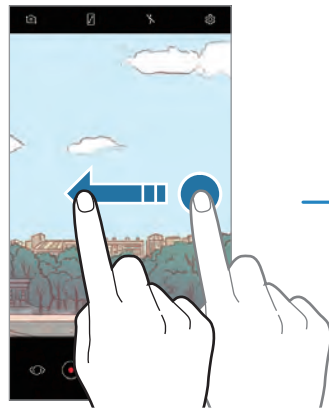
On the preview screen, swipe to the left to open the list of filters and other effects. You can apply a unique effect to your photos or videos.

After selecting a filter or effect, tap the preview screen and take a photo or record a video.

To remove the applied filter or effect, open the filters and effects list and tap **Remove effect**.



This feature is only available in some shooting modes.






Rear camera preview









Filters and other effects

## Basic shooting

### Taking photos or recording videos

- 1 Tap the image on the preview screen where the camera should focus.
- 2 Tap  to take a photo or tap  to record a video. To take a series of photos, tap and hold .



- Spread two fingers apart on the screen to zoom in, and pinch to zoom out. Or, drag  on the zoom bar towards **+** or **—**.
- To adjust the brightness of photos or videos, tap the screen. When the adjustment bar appears, drag  on the adjustment bar towards **+** or **—**.
- To capture an image from the video while recording, tap .
- To change the focus while recording a video, tap where you want to focus. To use auto focus mode, tap .
- To use the Bixby Vision features, tap . Use the camera to recognise objects or locations to search for products online or nearby places. You can also detect text and translate it. Refer to [Bixby Vision](#) for more information.
- To apply the **3D** motion sticker, tap  and select a sticker. When you focus on the subject, your camera will recognise the face and adjust the **3D** motion sticker and apply it to the subject's face. Also, the **3D** motion sticker can move and adjust to the angle following the subject's face direction.



- The preview screen may vary depending on the shooting mode and which camera is being used.
- The camera automatically shuts off when unused.
- Make sure that the lens is not damaged or contaminated. Otherwise, the device may not work properly in some modes that require high resolutions.
- Your device's camera features a wide-angle lens. Minor distortion may occur in wide-angle photos or videos and does not indicate device performance problems.
- Your device's dual lens has the Dual OIS (Optical Image Stylization) feature so that you can take a clear photo without shaking.

## Using the focus and exposure features

### Locking the focus (AF) and exposure (AE)

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

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



This feature is available only in **Auto** mode.

## Changing shooting modes

On the preview screen, swipe to the right to open the shooting modes list and select a mode.

- **Auto:** Take the best possible photos by setting the device to adjust the exposure and colour of photos automatically.
- **Pro:** Adjust the exposure value, shutter speed, ISO sensitivity, white balance, focal length, and colour tone manually while taking photos.
- **Panorama:** Create a panorama by taking consecutive photos in either a horizontal or vertical direction.
- **HDR (Rich tone):** Capture photos and videos and correct the bright and dark areas automatically in rich colours.
- **Night:** Capture photos and videos without using the flash in low-light conditions.

- **Food:** Take photos that emphasise the vivid colours of food.
- **Anti-fog:** Automatically corrects photos for fog when taking them in the mist.
- **WeChat video:** Record short videos for up to 10 seconds to share with the WeChat app.
- **Selfie:** Take selfie shots and apply various effects, such as an airbrushed effect.
- **Wide selfie:** Take wide-angle selfie shots to fit more people into your photos.



You can download more shooting modes from **Galaxy Apps**. On the shooting modes list, tap **+**. Some downloaded shooting modes do not have access to every feature.

## Dual lens camera

Take a more professional looking photo. Photographers control the aperture of their camera to get an out-of-focus photo in which the subject is sharpened thanks to the blurred background. However, you can easily take an out-of-focus photo with the dual lens camera that supports an optical and digital zoom on your device. Each lens shoots the subject and background at different angles so that you can get an an out-of-focus photo.



### Live focus shooting mode

Blur the background in a photo to highlight a person. Adjust the blur effect level before and after taking a photo in **Gallery** to get an out-of-focus photo whenever you want.




To get the best shots using live focus mode, follow these tips:

- Keep about 1.2 m between your device and the subject.
- Keep sufficient distance between the subject and the background. It is recommended to keep a distance more than three times the distance between the subject and your device.
- Use this mode in a location that has sufficient light.

- 1 On the preview screen, tap  to activate the live focus mode.
- 2 Drag the blur adjustment bar to adjust the background blur level.
- 3 Tap  to take a photo.

## 4 Check the out-of-focus photo.

If you want to change the background blur level on the preview screen, tap the preview thumbnail, and then tap  to change the background blur level.




Low background blur level




High background blur level

## Pro mode

Take photos while manually adjusting various shooting options, such as exposure value and ISO value.


On the shooting modes list, tap **Pro**. Select options and customise the settings, and then tap  to take a photo.

### Available options

-  : Change the exposure value. This determines how much light the camera's sensor receives. For low-light situations, use a higher exposure.





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

-  : 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 photos.



If the shutter speed is set manually, you cannot set the ISO setting to **AUTO**.

-  : Select an appropriate white balance, so images have a true-to-life colour range. You can set the colour temperature. Tap  and drag your finger on the colour temperature bar.



## Panorama

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



To get the best shots using panorama mode, follow these tips:

- Move the camera 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 photos.
- Avoid taking photos of indistinct backgrounds, such as an empty sky or a plain wall.

1 On the shooting modes list, tap **Panorama**.

2 Tap  and move the device slowly in one direction.

3 Tap  to stop taking photos.

## HDR (Rich tone)

Take photos with rich colours and reproduce details even in bright and dark areas.

On the shooting modes list, tap **HDR (Rich tone)**.



This feature may not be available depending on the region or service provider.



Without effect



With effect

## Night

Take a photo in low-light conditions, without using the flash.

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





This feature may not be available depending on the region or service provider.

## Food

Take photos of food with more vibrant colours.

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

## Anti-fog

Take a photo or video in misty conditions.

On the shooting modes list, tap **Anti-fog**.

Tap  and adjust the slide bar to take clearer photos in foggy conditions.



## WeChat video

Record short videos for up to 10 seconds to share with the WeChat app.

On the shooting modes list, tap **WeChat video**.



## Selfie

Take self-portraits with the front camera. You can preview various beauty effects on the screen.

- 1 On the preview screen, swipe upwards or downwards, or tap  to switch to the front camera for self-portraits.
- 2 On the shooting modes list, tap **Selfie**.
- 3 Face the front camera lens.
- 4 When the device detects your face, tap the screen to take a photo of yourself.  
Alternatively, show your palm to the front camera. After recognising your palm, a countdown timer will appear. When the time is up, the device will take a photo.  
To take a photo using your palm, tap  → **Shooting methods** and then tap the **Show palm** switch to activate it.

## Using the selfie flash

When taking self-portraits with the front camera in low-light situations, the touchscreen can serve as a flash.


On the preview screen, tap  repeatedly until you reach . When you take a photo, the touchscreen will flash.

## Applying beauty effects

You can apply the spotlight effect or modify facial features, such as your skin tone or face shape, before taking self-portraits.





This feature is available only in **Selfie** mode.

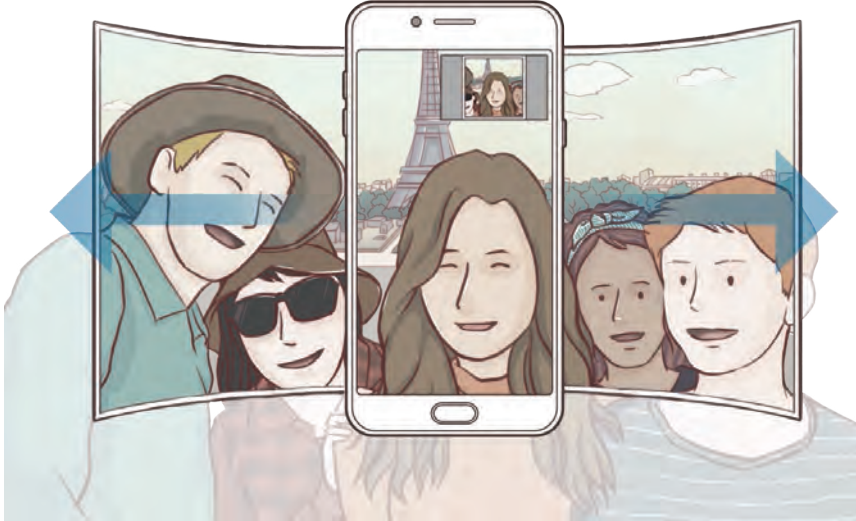
- 1 On the preview screen, tap .
- 2 Select the options below to apply beauty effects to your face on the preview screen and take a photo of yourself.
  - **Skin Tone:** Make your skin appear brighter and clearer.
  - **Slim Face:** Adjust the face shape and make your face appear slimmer.
  - **Large Eyes:** Make your eyes appear bigger.

## Wide selfie

Take a wide self-portrait and include as many people in the photo as possible to avoid leaving people out.

- 1 On the preview screen, swipe upwards or downwards, or tap  to switch to the front camera for self-portraits.
- 2 On the shooting modes list, tap **Wide selfie**.
- 3 Face the front camera lens.
- 4 When the device detects your face, tap the screen to take a photo of yourself.  
Alternatively, show your palm to the front camera. After recognising your palm, a countdown timer will appear. When the time is up, the device will take a photo.  
To take a photo using your palm, tap  → **Shooting methods** and then tap the **Show palm** switch to activate it.

- 5 Slowly swivel the device left and then right or vice versa to take a wide self-portrait. The device will take additional photos when the white frame moves to each end of the viewfinder window.



- Make sure to keep the white frame inside the viewfinder window.
- The subjects should remain still while taking wide self-portraits.
- The top and bottom parts of the image displayed on the preview screen may be cut out of the photo depending on the shooting conditions.








## Camera settings

### Quick settings


On the preview screen, use the following quick settings.



The available options may vary depending on the shooting mode and which camera is being used.

- : Turn on and off the full preview screen.
- : Select a metering method. This determines how light values are calculated.  **Center-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.
- **FHD**: Select a video resolution for videos in WeChat video mode.
- : Activate or deactivate the flash.
- : Focus on a subject inside the circular frame and blur the image outside the frame.

### Camera settings

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

#### REAR CAMERA

- **Picture size**: Select a resolution for photos. Using a higher resolution will result in higher quality photos, but they will take up more memory.
- **Video size**: Select a resolution for videos. Using a higher resolution will result in higher quality videos, but they will take up more memory.
- **Timer**: Select the length of the delay before the camera automatically takes a photo.

## FRONT CAMERA

- **Picture size:** Select a resolution for photos. Using a higher resolution will result in higher quality photos, but they will take up more memory.
- **Video size:** Select a resolution for videos. Using a higher resolution will result in higher quality videos, but they will take up more memory.
- **Save pictures as previewed:** Invert the image to create a mirror-image of the original scene, when taking photos with the front camera.
- **Shooting methods:** Select shooting options to use.
- **Timer:** Select the length of the delay before the camera automatically takes a photo.

## COMMON

- **Grid lines:** Display viewfinder guides to help composition when selecting subjects.
- **Location tags:** Attach a GPS location tag to the photo.



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

- **Review pictures:** Set the device to show photos after capturing them.
- **Quick launch:** Set the device to launch the camera by pressing the Home key twice quickly.



This feature may not be available depending on the region or service provider.

- **Floating Camera button:** Add a camera button that you can place anywhere on the screen. This feature is available only in **Auto** and **Selfie** modes.
- **Volume key function:** Set the device to use the Volume key to control the shutter or zoom in or out.
- **Shutter sound:** Enable or disable the shutter sound.
- **Detect QR codes:** Enable or disable the QR code reader.
- **Reset settings:** Reset the camera settings.
- **Contact us:** Ask questions or view frequently asked questions. Refer to [Samsung Members](#) for more information.

# Gallery

## Introduction

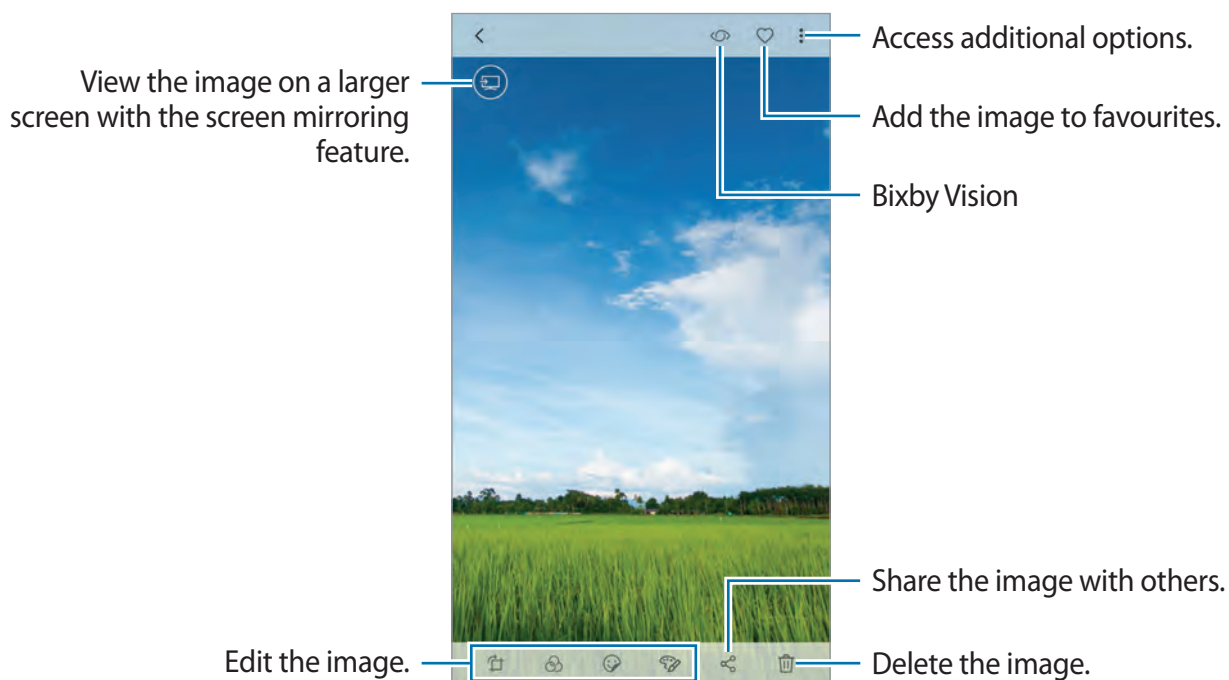
View images and videos stored in your device. You can also manage images and videos by album or create stories to share with others.



## Viewing images and videos


### Viewing images

- 1 Launch the **Gallery** app and tap **PICTURES**.
- 2 Select an image.









You can create a GIF animation or collage from multiple images. Tap  → **Animate** or **Collage**, and then select images. You can select up to six images for your collage.

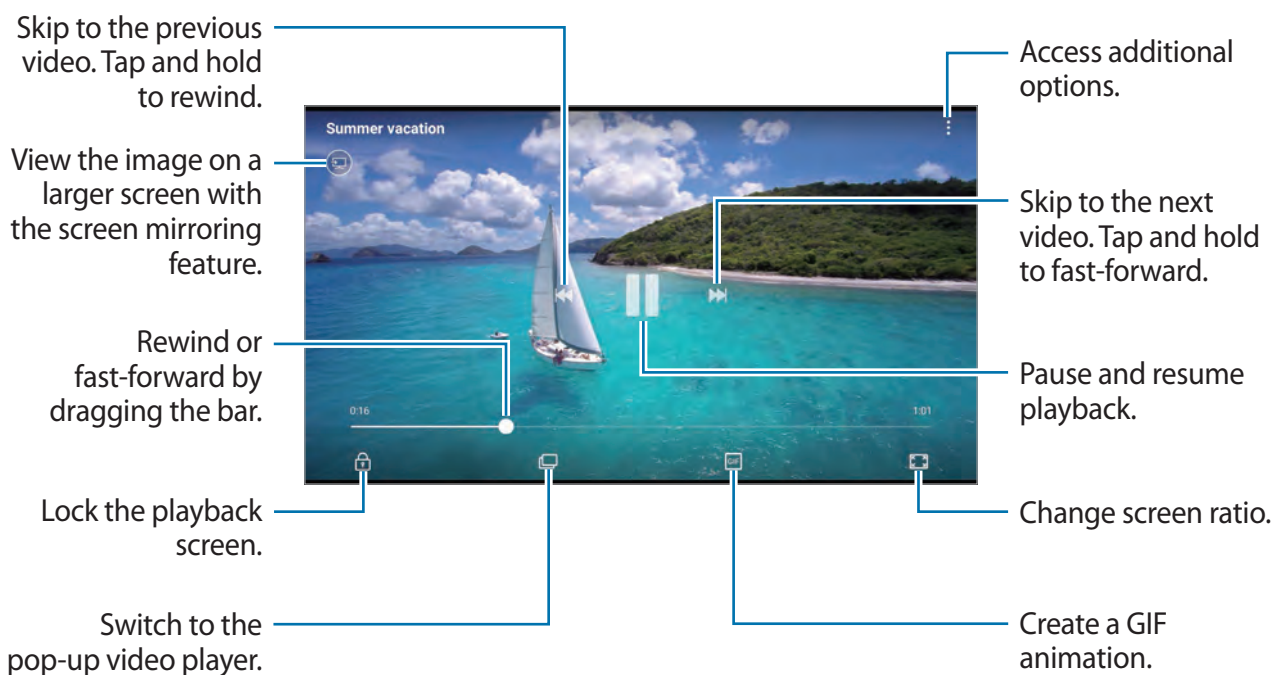
## Searching for images

Launch the **Gallery** app and tap  to view images sorted by category, such as **location**, **people**, documents, **shooting mode**, and more.

To search for images by entering keywords, tap the search field.

## Viewing videos

- 1 Launch the **Gallery** app and tap **PICTURES**.
- 2 Select a video to play. Video files show the  icon on the preview thumbnail.



Drag your finger up or down on the left side of the playback screen to adjust the brightness, or drag your finger up or down on the right side of the playback screen to adjust the volume. To rewind or fast-forward, swipe to the left or right on the playback screen.

## Viewing albums

You can view your images and videos sorted by folders or albums. The animations or collages you have created will also be sorted in your folders on the albums list.


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

## Viewing stories



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

## Creating stories

Create stories with various themes.

- 1 Launch the **Gallery** app and tap **STORIES**.
- 2 Tap  → **Create story**.
- 3 Tick images or videos to include in the story and tap **DONE**.
- 4 Enter a title for the story and tap **CREATE**.

To add images or videos to a story, select a story and tap **ADD**.

To remove images or videos from a story, select a story, tap  → **Edit**, tick images or videos to remove, and then tap  → **Remove from story**.

## Sharing stories

You can share stories with your contacts.

- 1 Launch the **Gallery** app and tap **STORIES**.
- 2 Select a story to share.

### 3 Tap **INVITE** → **SHARE**, select contacts, and then tap **DONE**.

When your contacts accept the share request, the story will be shared and more images and videos can be added to the story by your contacts.



- To use this feature, your phone number must be verified.
- You may incur additional charges when sharing files via the mobile network.
- If the recipients have not verified their phone numbers or if their devices do not support the feature, a link to the files will be sent to them via text message. Link recipients may not be able to use some features. The link will expire after a certain period.


## Deleting stories

1 Launch the **Gallery** app and tap **STORIES**.

2 Tap and hold a story to delete, and tap **DELETE**.

## Syncing images and videos with Samsung Cloud

You can sync images and videos saved in **Gallery** with Samsung Cloud and access them from other devices. You must register and sign in to your Samsung account to use Samsung Cloud. Refer to [Samsung account](#) for more information.

Launch the **Gallery** app, tap  → **Settings**, and then tap the **Samsung Cloud** switch to activate it. Images and videos captured on the device will be automatically saved to Samsung Cloud.

## Deleting images or videos

### Deleting an image or a video

Select an image or a video and tap  at the bottom of the screen.

### Deleting multiple images and videos

1 On the Gallery screen, tap and hold an image or a video to delete.

2 Tick the images or videos to delete.

3 Tap **DELETE**.

## Always On Display

You can always view information, such as the clock or calendar, or control music playback on the screen when it is turned off.

You can also check new notifications, such as messages or missed calls.

### Opening notifications when the screen is off

When you receive message, missed call, or app notifications, notification icons will appear on the screen even when it is turned off. Double-tap a notification icon with your finger to view its notification.



If the screen is locked, you must unlock it to view notifications.

## Setting the schedule for the Always On Display feature

Launch the **Settings** app, tap **Lock screen and security** → **Always On Display**, and then tap the **Show always** switch to deactivate it. Then, tap **Set schedule** and set the start time and end time.

## Controlling music playback when the screen is off

You can control music playback when the screen is off, without turning on the screen.

- 1 Launch the **Settings** app, tap **Lock screen and security** → **Information and FaceWidgets** → **FaceWidgets**, and then tap the **Music controller** switch to activate it.
- 2 To control music playback when the screen is off, double-tap the clock.
- 3 Tap the icons to control the playback.

# Multi window



## Introduction

Multi window lets you run two apps at the same time in the split screen view.



Some apps may not support this feature.

## Split screen view

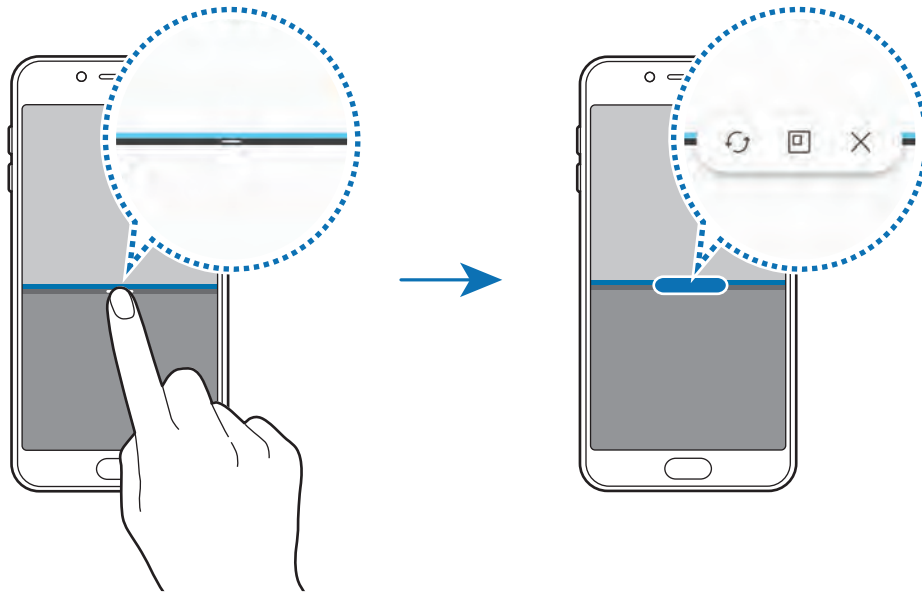
- 1 Tap  to open the list of recently used apps.
- 2 Swipe upwards or downwards and tap  on a recent app window.  
The selected app will launch in the upper window.



- 3 In the lower window, swipe upwards or downwards to select another app to launch.  
To launch apps not in the list of recently used apps, tap **APP LIST** and select an app.

## Using additional options

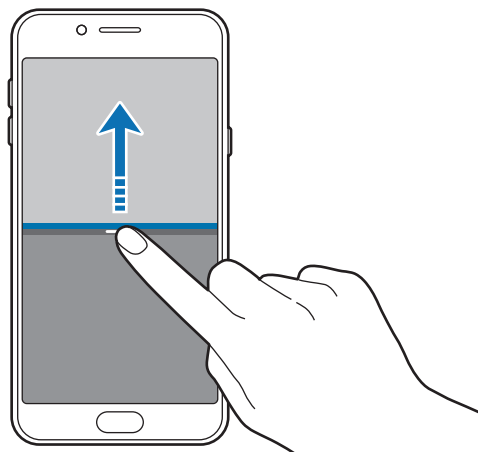
Tap the bar between the app windows to access additional options.




## Adjusting the window size


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

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



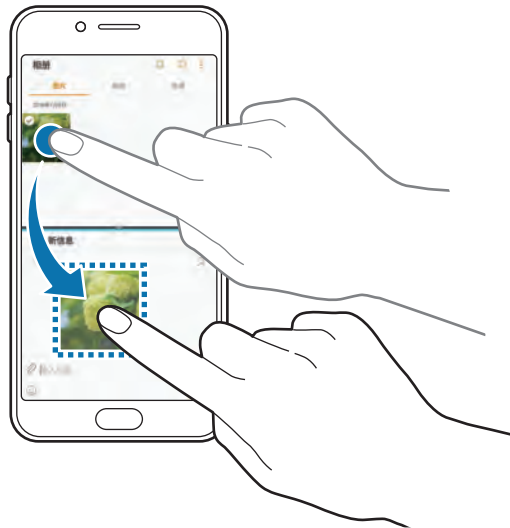
## Minimising the split screen view

Press the Home key to minimise the split screen view. The  icon will appear on the status bar. The app in the lower window will close and the app in the upper window will remain active in the minimised split screen view.

To close the minimised split screen view, open the notification panel and tap the  icon on the Multi window notification.

## Sharing text or images between windows

Drag and drop text or copied images from one window to another. Tap and hold an item in the selected window and drag it to a location in another window.

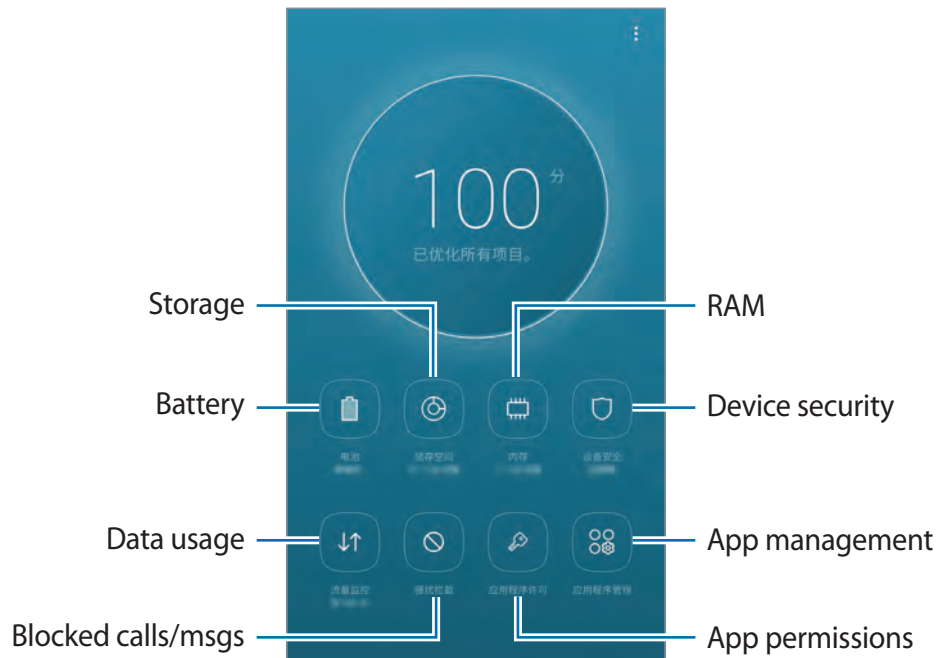


Some apps may not support this feature.



## Smart Manager

The Smart manager provides an overview of the status of your device's battery, storage, RAM, and system security. You can also automatically optimise the device with a tap of your finger.



### Using the quick optimisation feature

Launch the **Smart Manager** app and tap **Tap here to optimize your device**.

The quick optimisation feature improves device performance through the following actions.

- Clearing some memory.
- Deleting unnecessary files and closing apps running in the background.
- Managing abnormal battery usage.
- Scanning for crashed apps and malware.

## Battery

Check the remaining battery power and time to use the device. For devices with low battery levels, conserve battery power by activating power saving features.

Launch the **Smart Manager** app and tap **Battery**.




- 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.
- You cannot receive notifications from apps that use power saving mode.

## Power saving mode

- **MID**: Activate power saving mode to extend the battery's usage time.
- **MAX**: In maximum power saving mode, the device decreases battery consumption by applying the dark theme and limiting the apps and features available. Network connections, except for the mobile network, will be deactivated.

## Managing the battery

You can save battery power by preventing apps that are running in the background from using battery power when they are not being used. Tick apps from the apps list and tap **SAVE POWER**. Also, tap  → **Advanced settings** and set the **App power monitor** options.

## Storage

Check the status of the used and available memory.

Launch the **Smart Manager** app and tap **Storage**.



- The actual available capacity of the internal memory is less than the specified capacity because the operating system and default apps occupy part of the memory. The available capacity may change when you update the device.
- You can view the available capacity of the internal memory in the Specification section for your device on the Samsung website.

## Managing the memory

To delete residual files, such as cache, tap **CLEAN NOW**. To delete files or uninstall apps that you do not use any more, select a category under **USER DATA**. Then, tick items to select and tap **DELETE** or **UNINSTALL**.

## RAM

Launch the **Smart Manager** app and tap **RAM**.

To speed up your device by reducing the amount of RAM you are using, tick apps from the apps list, and tap **CLEAN NOW**.

## Device security

Check the device's security status. This feature scans your device for malware.

Launch the **Smart Manager** app and tap **Device security** → **SCAN PHONE**.

## Data usage

Check the device's data usage amount. You can customise the settings for the limitation.

Launch the **Smart Manager** app and tap **Data usage**.

## Blocked calls/messages

Reject calls or messages from specified phone numbers or reject messages containing specified text.

Launch the **Smart Manager** app and tap **Blocked calls/messages**.

## App permissions

View or change app permission settings by permission category or app list.

Launch the **Smart Manager** app and tap **App permissions**.

## App management

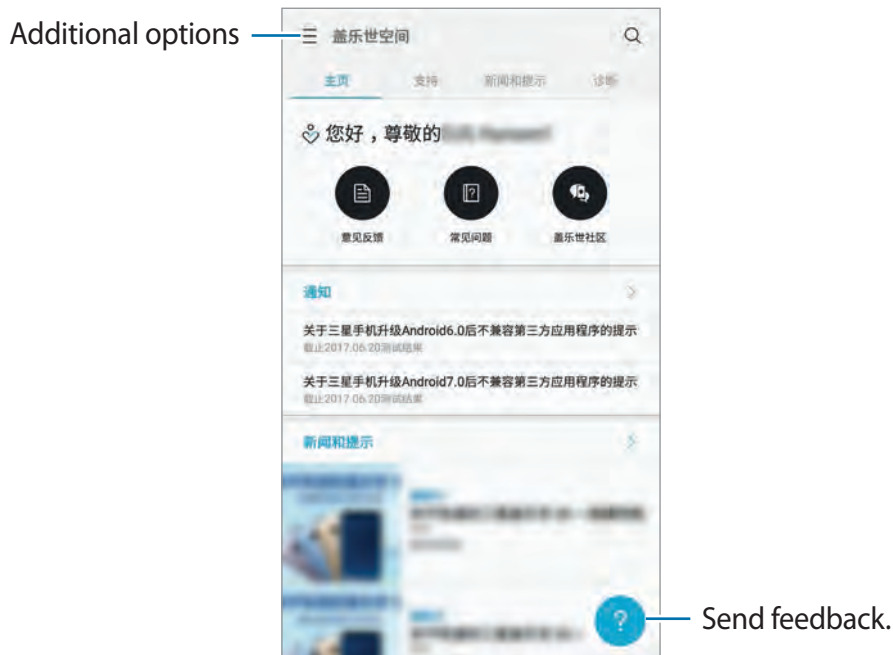
Manage the app settings for auto run, notifications, or locking apps.

Launch the **Smart Manager** app, tap **App management**, and then tap the button under each feature.

- **Auto run apps:** Turn off auto run for each app to prevent them from running in the background.
- **Notifications:** Change the notification settings for each app.
- **App lock:** Set a lock method to prevent others from accessing selected apps.

## 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 Galaxy news and tips. **Samsung Members** can help you solve any problems you might encounter while using your device.



- This app's availability and supported features may vary depending on the region or service provider.
- To submit your feedback or post your comments, you must sign in to your Samsung account. Refer to [Samsung account](#) for more information.

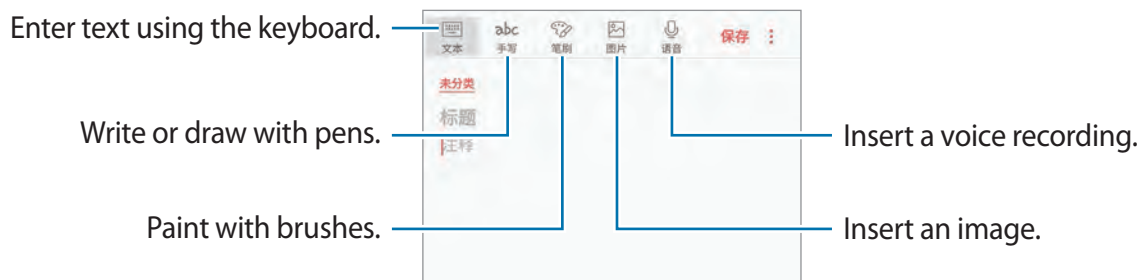
# Samsung Notes

## Introduction

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

## Creating notes

- 1 Open the **实用工具** folder and launch the **Samsung Notes** app and tap **ALL** → **+**.
- 2 Select an input method from the toolbar at the top of the screen and compose a note.  
Tap **Image** to insert an image by selecting from **Gallery** or by taking a photo.  
Tap **Voice** to record a voice recording and insert it into the note. Voice recording will start immediately.



- 3 When you are finished composing the note, tap **SAVE**.

## Deleting notes



- 1 Launch the **Samsung Notes** app, tap **ALL**, or tap **COLLECTIONS**, and then select a category.
- 2 Tap and hold a note to delete.  
To delete multiple notes, tick more notes to delete.
- 3 Tap **DELETE**.

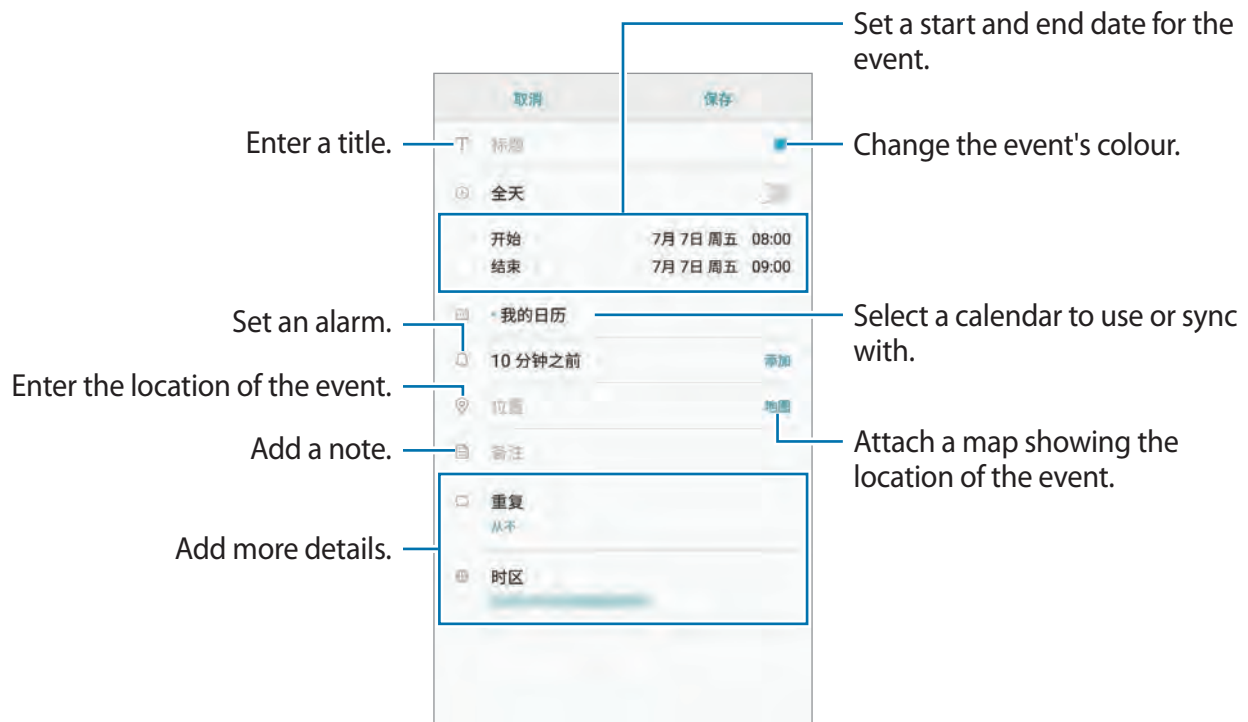
# Calendar

## Introduction

Manage your schedule by entering upcoming events or tasks 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.




- 3 Tap **SAVE** to save the event.

## Creating tasks

- 1 Launch the **Calendar** app and tap **VIEW** → **Tasks**.
- 2 Tap  and enter task details.
- 3 Tap **SAVE** to save the task.

## Syncing events and tasks with your accounts

Launch the **Settings** app, tap **Cloud and accounts** → **Accounts**, select an account service, and then tap **Calendar (Samsung account)** or **Sync Calendar**.

To add accounts to sync with, launch the **Calendar** app and tap  → **Manage calendars** → **Add account**. Then, select an account to sync with and sign in. When an account is added, it will appear on the list.

## 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.

### Starting Samsung Health

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.

- 1 Open the **Samsung** folder and launch the **Samsung Health** app.
- 2 Follow the on-screen instructions to complete the setup.

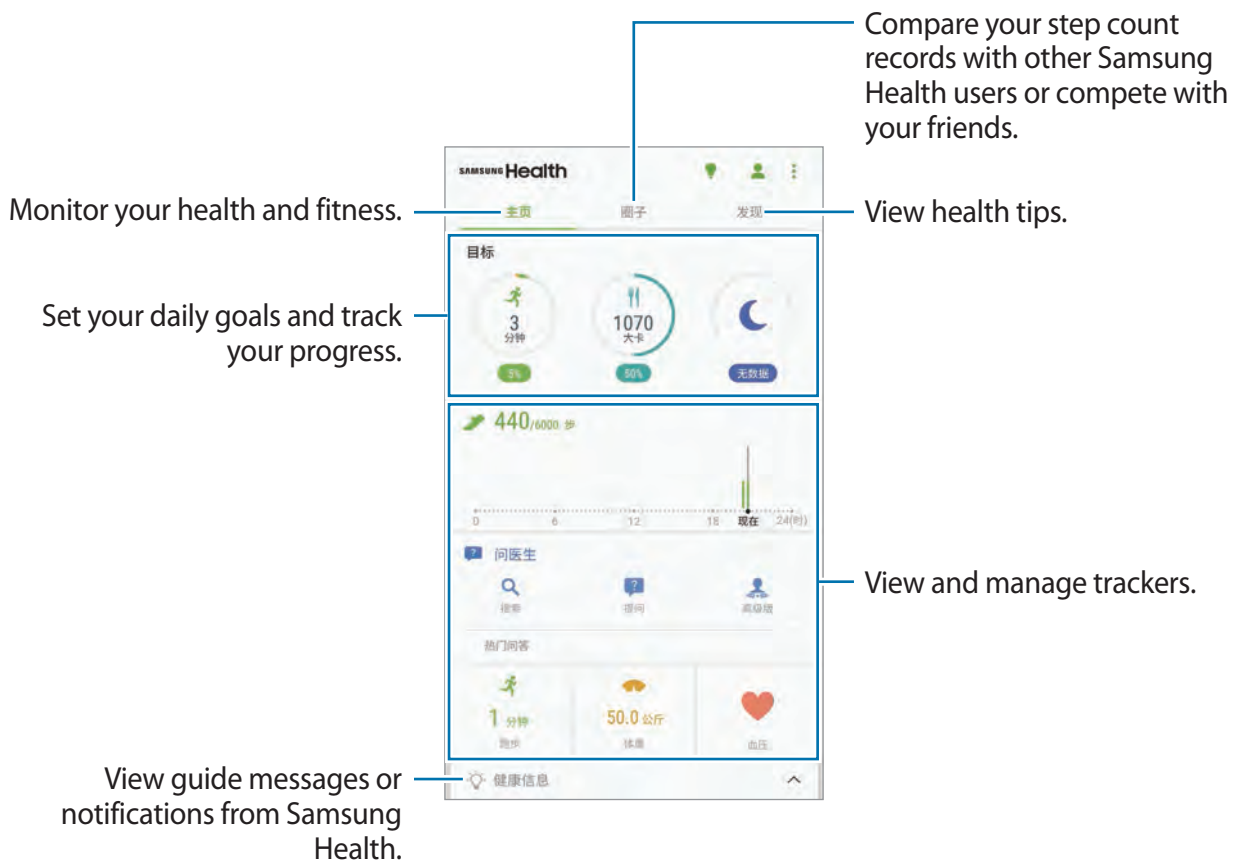
## Using Samsung Health


You can view the key information from Samsung Health menus and trackers to monitor your wellness and fitness. You can also compare your step count records with other Samsung Health users, compete with your friends, and view health tips.

Open the **Samsung** folder and launch the **Samsung Health** app.



Some features may not be available depending on the region.



To add items to the Samsung Health screen, tap  → **Manage items**, and then select items under each tab.

- **GOALS:** Set your daily fitness goals and view your progress.
- **PROGRAM:** Use customisable exercise programmes.
- **GENERAL TRACKERS:** Monitor your activities, food intake, and body measurements.



## TOGETHER

Together allows you to set up step count goals and compete with your friends. You can invite friends to walk together, set target step counts, compete in challenges, and view your ranking on the **Steps leaderboard**. On the Samsung Health screen, tap **TOGETHER**.

## Steps

The device counts the number of steps you take and measures the distance travelled.

On the Samsung Health screen, tap the steps tracker.



- You may experience a brief delay while the steps tracker monitors your steps and then displays your step count. You may also experience a brief delay before the pop-up window indicates that your goal has been reached.
- If you use the steps tracker while travelling by car or train, vibration may affect your step count.

## Additional information

- Samsung Health is intended for fitness and wellness purposes only and is not intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of disease.
- The available functions, features and addable applications for Samsung Health may vary from country to country due to different local laws and regulations. You should check the features and applications available in your specific region before use.
- Samsung Health applications and its service can be changed or discontinued without prior notice.
- The purpose for data collection is limited to providing the service that you have requested, including providing additional information to enhance your wellness, sync data, data analysis and statistics or to develop and provide better services. (But if you sign in to your Samsung account from Samsung Health, your data may be saved on the server for data backup purposes.) Personal information may be stored until the completion of such purposes. You can delete personal data stored by Samsung Health by using the Reset data option in the Settings menu. To delete any data you have shared with social networks or transferred to storage devices, you must delete them separately.
- You may share and/or sync your data with additional Samsung services or compatible third party services that you select, as well as with any of your other connected devices. Access to Samsung Health information by such additional services or third party devices will only be permitted with your express approval.
- You assume full responsibility for the inappropriate use of data shared on social networks or transmitted to others. Use caution when sharing your personal data with others.
- If the device is connected to measuring devices, verify the communication protocol to confirm proper operation. If you use a wireless connection, such as Bluetooth, the device may be affected by electronic interference from other devices. Avoid using the device near other devices that transmit radio waves.
- Please read Terms and Conditions and Privacy Policy of Samsung Health carefully before using it.

## S Assistant


S Assistant helps you to organise your daily schedule. You can use recommended services and remember events by receiving reminder cards. You can also use convenient assistant services to do things, like make hotel reservations or track deliveries.

Open the **Samsung** folder and launch the **S Assistant** app.



You can set up your profile to receive more specific reminder cards. Tap **MY PAGE** → **Profile** and customise settings, such as your favourite places, sleep time, and work time.

### Creating custom reminders

- 1 On the S Assistant screen, tap **REMINDERS** → .
- 2 Tap **Custom reminders** or **Top-up reminder** and enter reminder details.
- 3 Tap **SAVE** to save the reminder.  
You will receive the reminder card at the time you set.

### Viewing reminder cards

When you receive reminder cards, a card notification will appear on the notification panel.

- 1 Open the notification panel and select a card notification.
- 2 Swipe upwards or downwards on the card to view its information and recommended actions.

### Using assistant services

You can use convenient assistant services to do things, like making hotel reservations or tracking deliveries.

On the S Assistant screen, tap **LIFE SERVICES** and select a service to use.

## Samsung Music

Listen to music stored on your device and stream online music from the Samsung music service.

Launch the **Samsung Music** app.

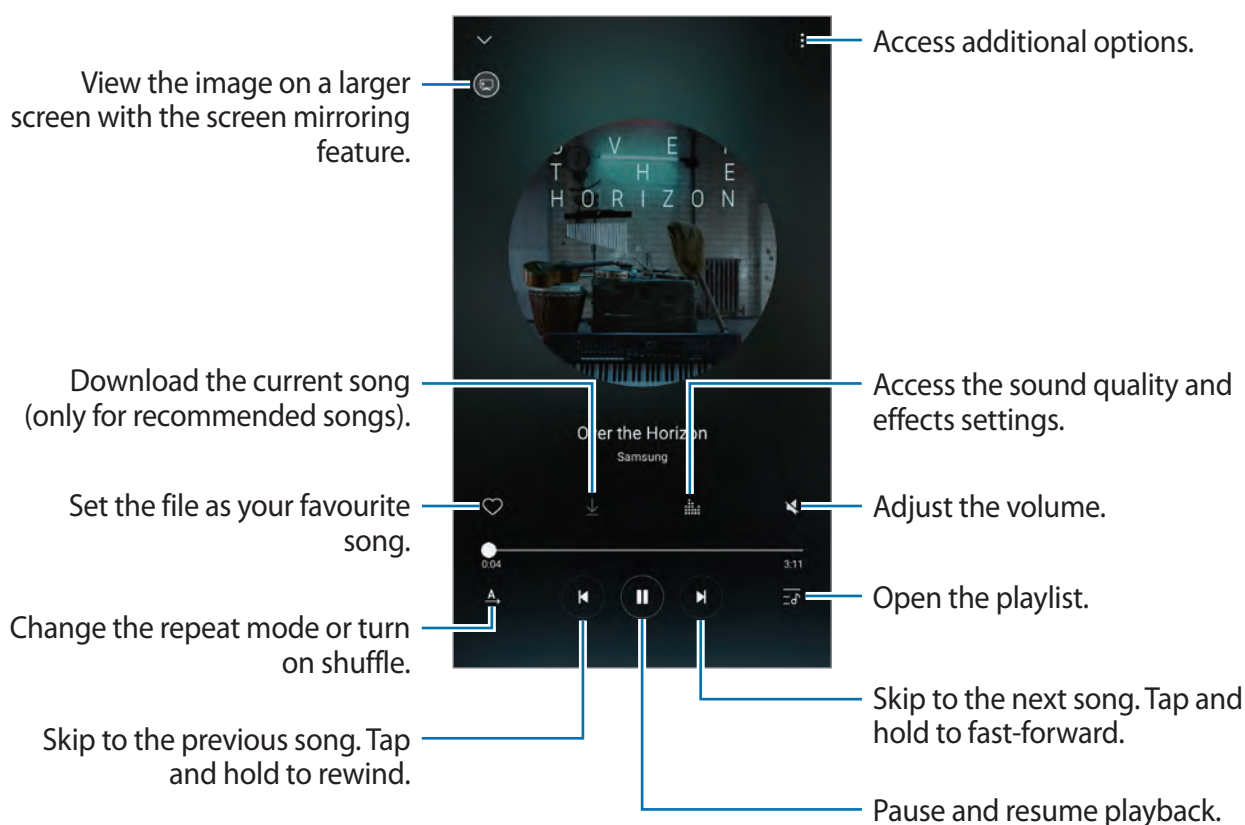
Tap one of the following options:

- **MY MUSIC:** Listen to music stored on your device.
- **RECOMMENDED:** Listen to recommended online music.
- **RADIO STATIONS:** Listen to music from online radio stations.

### Playing music

Tap **MY MUSIC** or **RECOMMENDED**, select a category, and then select a song to play.

Tap the album image at the bottom of the screen to open the music player screen.



## Samsung Video

Watch videos stored on your device and stream online video content from various Video On Demand (VOD) services.

Open the **Samsung** folder and launch the **Samsung Video** app.

Tap one of the following options:

- **CATEGORY:** View online videos by category.
- **RECOMMENDED:** View recommended online videos.
- **MY VIDEOS:** View videos stored on your device.


## Voice Recorder


### Introduction

Use different recording modes for various situations. The device can convert your voice to text.

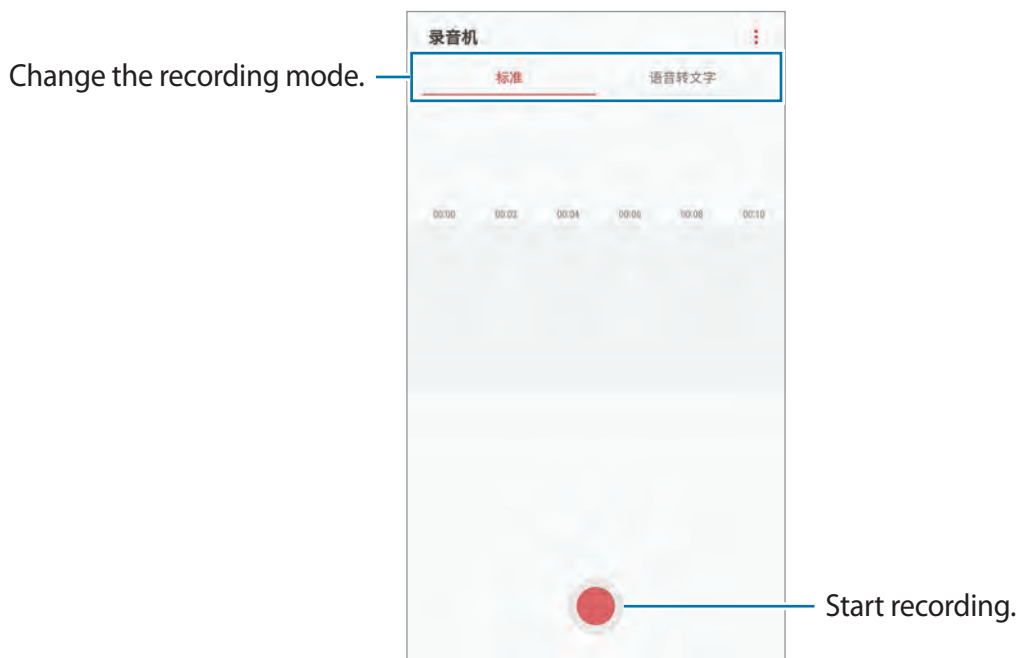
### Making voice recordings


- 1 Open the **实用工具** folder and 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

Open the **实用工具** folder and launch the **Voice Recorder** app.

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 onscreen 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

Open and manage various files stored in the device.

Open the 实用工具 folder and launch the **My Files** app.

View files that are stored in each storage. You can also view files in your device or a memory card by category.

To free up the device's storage, tap  → **Get more space**.

To search for files or folders, tap .

## Clock


### Introduction

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

### ALARM

Launch the **Clock** app and tap **ALARM**.

### Setting alarms

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

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

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

### Stopping alarms

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

### Deleting alarms

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

## WORLD CLOCK

Launch the **Clock** app and tap **WORLD CLOCK**.

### Creating clocks

Tap , enter a city name or select a city from the globe, and then tap **ADD**.

### Deleting clocks

Tap and hold a clock, tick clocks to delete, and then tap **DELETE**.

## STOPWATCH

- 1 Launch the **Clock** app and tap **STOPWATCH**.
- 2 Tap **START** to time an event.  
To record lap times while timing an event, tap **LAP**.
- 3 Tap **STOP** to stop timing.  
To restart the timing, tap **RESUME**.  
To clear lap times, tap **RESET**.

## TIMER


- 1 Launch the **Clock** app and tap **TIMER**.
- 2 Set the duration, and then tap **START**.  
To open the keypad to enter the duration, tap the duration input field.  
Alternatively, you can add and select the preset timer.
- 3 Tap **DISMISS** when the timer goes off.



## Calculator


Perform simple or complex calculations.

Open the **实用工具** folder and launch the **Calculator** app.

Rotate the device to landscape orientation to display the scientific calculator. If **Auto rotate** is disabled, tap  to display the scientific calculator.

To see the calculation history, tap **HISTORY**. To close the calculation history panel, tap **KEYPAD**.

To clear the history, tap **HISTORY** → **CLEAR HISTORY**.

To use the unit conversion tool, tap . You can convert various values, such as area, length, or temperature, into other units.

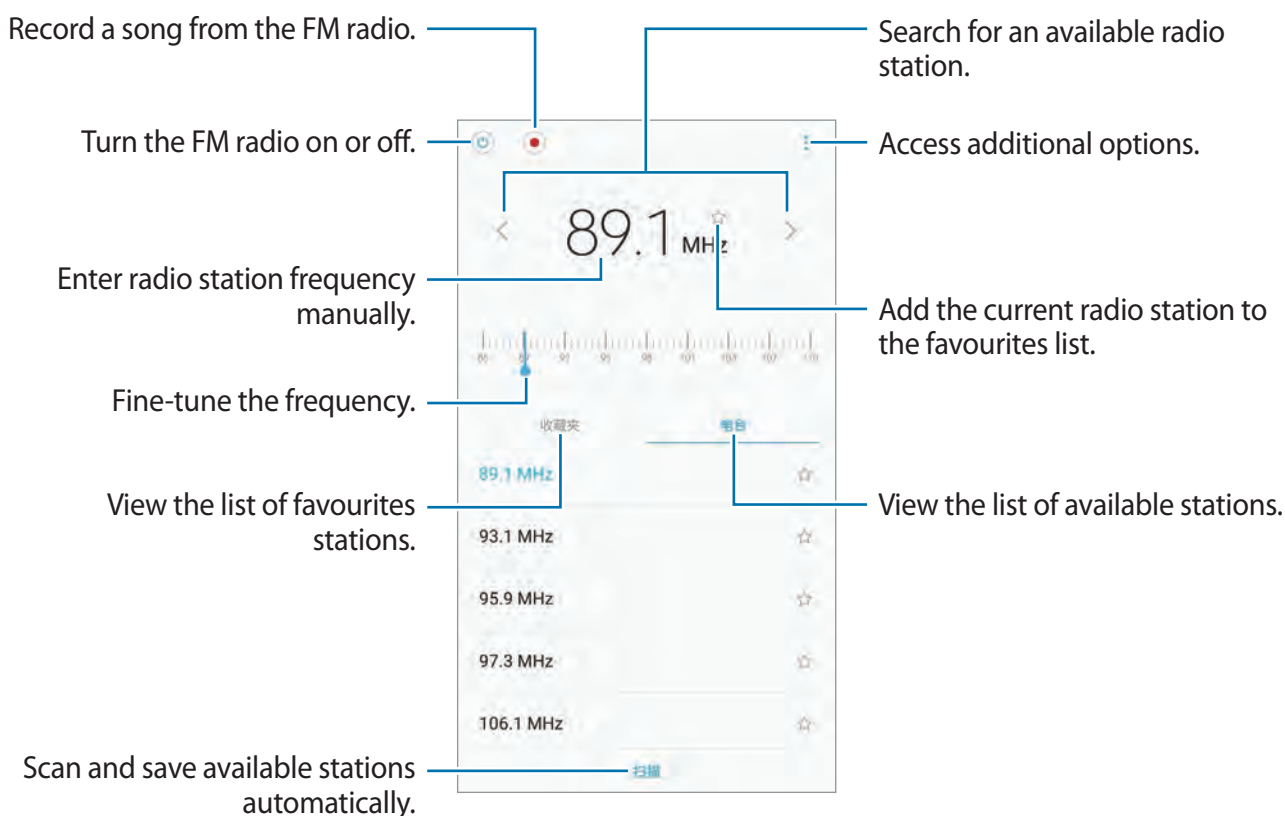
## Radio

### Listening to the FM radio

Open the **实用工具** folder and launch the **Radio** app.

Before you use this app, you must connect a headset, which serves as the radio antenna.

Tap  to turn on the FM radio. Select the radio station you want from the stations list.



## Scanning radio stations

Open the **实用工具** folder and launch the **Radio** app.

Tap **SCAN**, and then select a scan option. The FM radio scans and saves available stations automatically.

Select the radio station you want from the stations list.

## Samsung Themes

Change the wallpaper settings for the Home screen and the locked screen or apply various themes to the device.

Open the **Samsung** folder and launch the **Samsung Themes** app.

- **Wallpapers:** Change the wallpaper settings for the Home screen and the locked screen.
- **Themes:** Change the device's theme.
- **Icons:** Change the icon style.





## Samsung Data Store

Purchase roaming data packages and use them as virtual SIM cards to get online without installing an actual SIM or USIM card when you are abroad.

### Before you start

- To use Samsung Data Store, you must sign in to your Samsung account. Refer to [Samsung account](#) for more information.
- To reserve data packages in Samsung Data Store, the device must be connected to a Wi-Fi or mobile network.
- Roaming data packages support data services only.

## Reserving data packages

- 1 Open the **Samsung** folder and launch the **Samsung Data Store** app.
  - 2 Tap **Store**.
  - 3 Enter your destination country or region in the search field.  
You can also select popular destinations or data packages on the Store screen.
  - 4 Select a package and set the data amount or the number of days by tapping  or .
-  Tap **View details** to check the package's details, including its conditions and limitations.
- 5 Tap **BUY** to reserve the selected package.
-  The reserved data package will expire after seven days. You can check your order history by tapping **SETTINGS** → **Expired reservations**.

## Purchasing and activating data packages


When you are abroad, purchase the data package you reserved to activate it.

- 1 Open the **Samsung** folder and launch the **Samsung Data Store** app.
- 2 Tap **Reserved**.
- 3 Tap **PAY** under the data package you want to use.
- 4 Follow the on-screen instructions to complete the purchase and activation.

## Deactivating data packages

When the data package is closed, the SIM card slot will be reactivated.

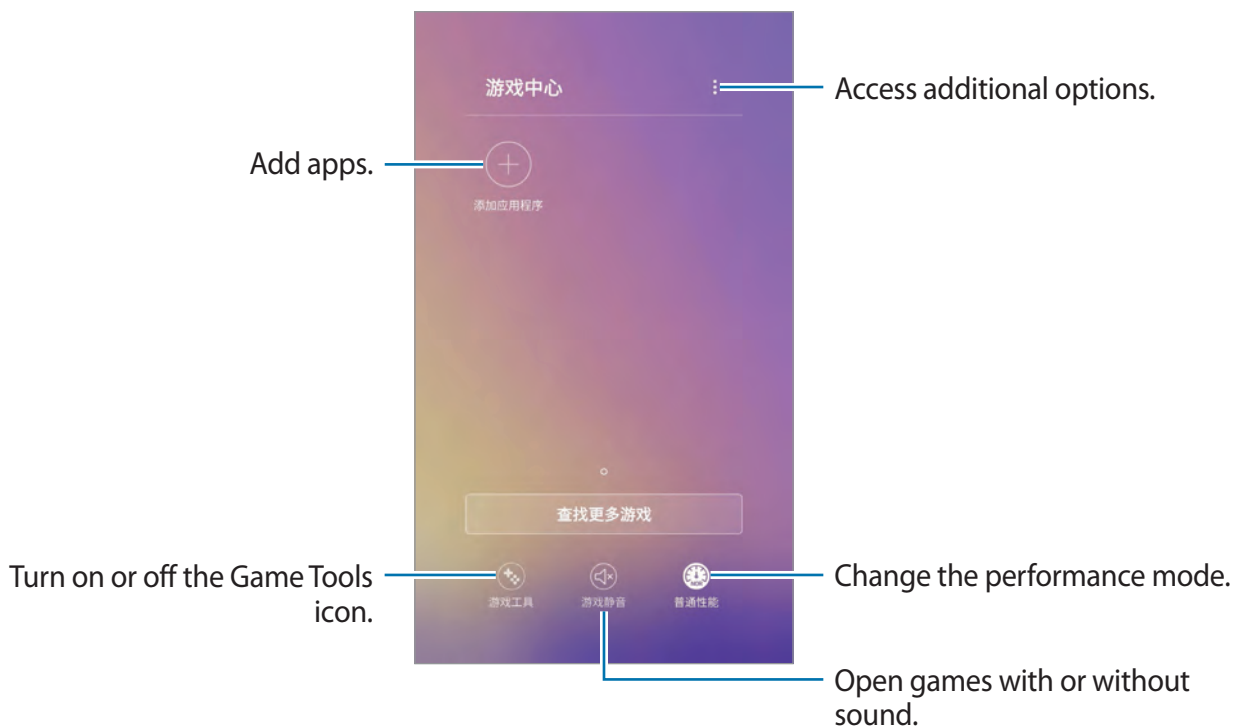
To manually deactivate the data package, open the **Samsung** folder, launch the **Samsung Data Store** app, and then tap **SETTINGS** → **Close service**.

-  When you deactivate data packages manually, they will still continue timing and expire as scheduled.

# Game Launcher

## Introduction

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



## Using Game Launcher

- 1 Launch the **Settings** app, tap **Advanced features** → **Games**, and then tap the **Game Launcher** switch to activate it.

**Game Launcher** will be added to the Home screen.



When you deactivate the feature, **Game Launcher** will be removed from the Home screen.

- 2 Open the **Samsung** folder and launch the **Game Launcher** app.

- 3 Tap a game from the games list.



Games downloaded from **Galaxy Apps** will be automatically shown on the game launcher screen. If you cannot see your games, tap **Add apps**.

## Removing a game from Game Launcher

Tap and hold a game and tap **Remove**.

## Changing the performance mode

You can change the game performance mode.


Open the **Samsung** folder and launch the **Game Launcher** app, tap **Normal performance**, and then tap the button repeatedly to select the mode you want.

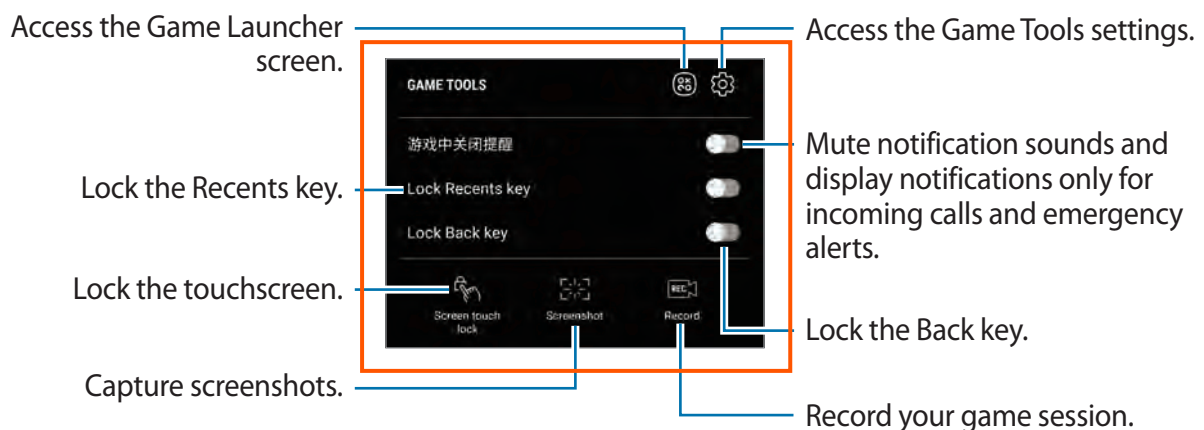
- **Normal performance:** Power saving mode or boost performance mode is not used.
- **High performance:** This improves system performance but it will increase the battery power consumption.
- **Save power:** This decreases the battery power consumption but it will reduce the system performance.




Battery power efficiency may vary by game.

## Using Game Tools

You can use various options on the Game Tools panel while playing a game. To open the Game Tools panel, tap  on the navigation bar. If the navigation bar is hidden, drag upwards from the bottom of the screen to show it.



## Blocking notifications during games

Tap  and tap the **No alerts during game** switch to activate it. The device will mute to mute notification sounds and display only notifications for incoming calls and emergency alerts, so that you can enjoy your games without being disturbed. If you receive an incoming call, a small notification will appear at the top of the screen.