



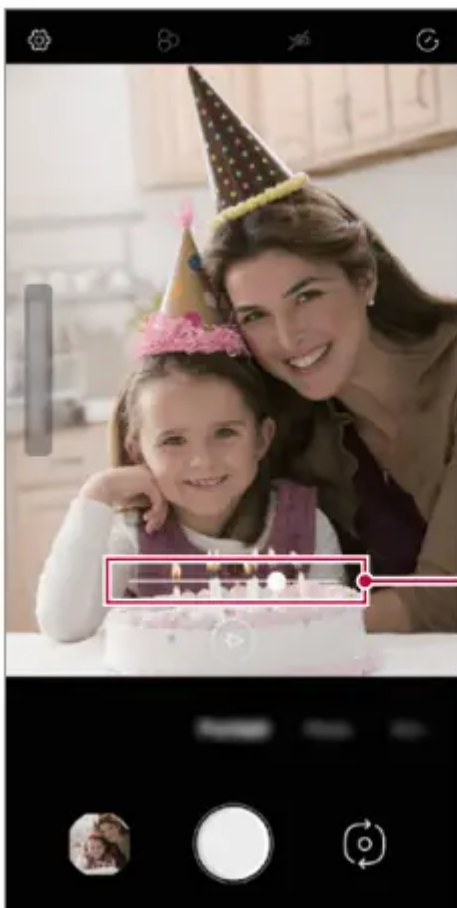
Custom-designed Features

Camera features


Portrait

You can create an artistic portrait photo, whereby the subject is in focus and the background is blurred. You can also edit the image by applying lighting or color effect to the background.

1. Tap  , and tap Portrait.
2. Drag the slide bar to the left or right to adjust the blur strength.







Adjust blur strength.

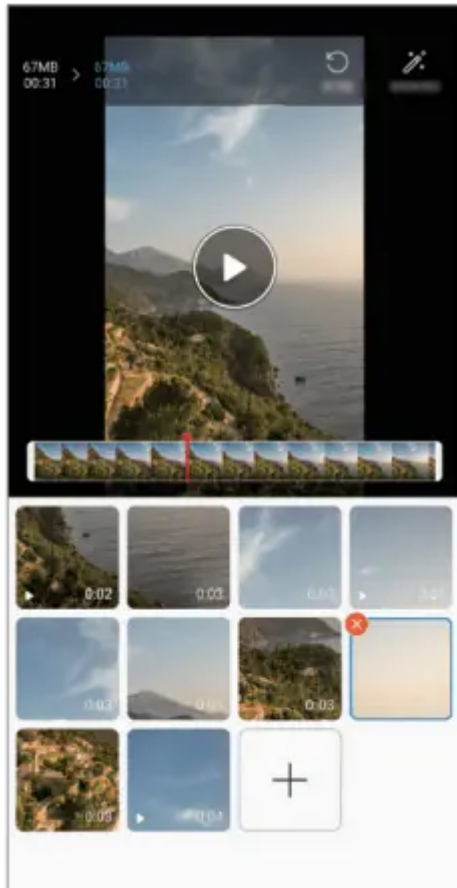
3. When Portrait is available appears on the screen, tap  to take a photo.
 - The Portrait feature may not work if the camera cannot recognize the subject.

Gallery features


Creating a movie

You can create a new movie by putting images and videos together


1. Tap  , select an album, then tap   Create movie.
2. Select images or videos for your movie and tap Next.
3. Edit the selected images and videos and then tap Save.



Deleting files

You can select images or videos to delete from your video by tapping  at the top right corner of its thumbnail.


Adding files

You can select images or videos to add after tapping  at the bottom of the screen. You can also select the images or videos you have already previously added.


Rearranging files

To rearrange the images and videos, touch and hold the file you want to move, then dragging it to the desired location.


Adding file effects

Tap  to add a theme or background music, or change the font.

Resetting the movie edits


You can reset the edits made to the movie (e.g. play time) by tapping .

Previewing a file

Check your new video before saving it by tapping . After the playback time elapses, the next file is played automatically

Making a GIF

You can easily make a GIF file using recorded video.


1. At the desired starting point while watching a video, tap .
2. Select the length of the GIF you want to create.
 - GIF is generated for the time selected from the current time.
 - For videos less than 5 seconds, GIF images are automatically generated for the remaining time.

Google Assistant

Google Assistant overview

Your device has the built-in Google Assistant feature. Find answers and get things done while on-the-go.

Sign in



1. Press the Google Assistant key on the left side of the device. or Touch and hold  from the Home screen to launch Google Assistant.
2. Tap GET STARTED.
3. Follow the on-screen instructions.
 - The device saves your voice data for recognition.
4. Set whether to use the voice match unlock function.
 - If you use the voice match unlock function, you can unlock the device even when the device screen is turned off or the device is charging by saying "OK Google" or "Hey Google."
5. Tap Save.

Accessing by Voice

1. When the home screen is turned off or locked, say "OK Google" or "Hey Google".

2. When the Google Assistant screen appears, say a command or ask a question.

Accessing from Home Screen or Any Other Screen

1. Press the Google Assistant key on the left side of the device. or Touch and hold  from the Home screen to launch Google Assistant.
2. Say a command or question when you see  on the bottom of the screen.

Fingerprint recognition

Fingerprint recognition overview

You must register your fingerprint on your device first before using the fingerprint recognition function. You can use the fingerprint recognition function in the following cases:

- To unlock the screen.
- To view locked contents in QuickMemo+.
- Confirm a purchase by signing in to an app or identifying yourself with your fingerprint.


Precautions for fingerprint recognition

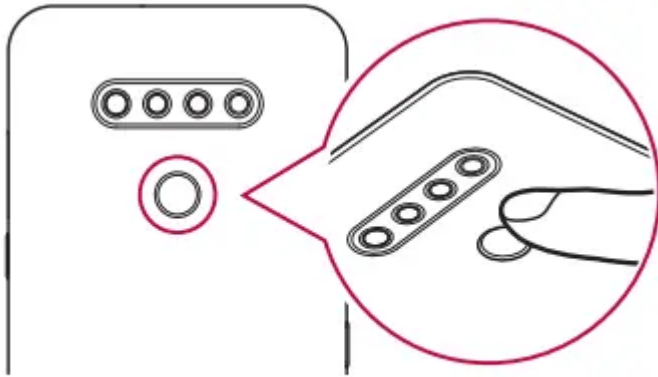
Fingerprint recognition accuracy may decrease due to a number of reasons. To maximize the recognition accuracy, check the following before using the device.

- Ensure that the fingerprint sensor is not damaged by a metallic object, such as coin or key.
- When water, dust or other foreign substance is on the fingerprint sensor or your finger, the fingerprint registration or recognition may not work. Clean and dry your finger before using the fingerprint sensor.
- A fingerprint may not be recognized properly if the surface of your finger has a scar or is not smooth due to being soaked in water
- If you bend your finger or use the fingertip only, your fingerprint may not be recognized. Make sure that your finger covers the entire surface of the fingerprint sensor.
- Scan only one finger for each registration. Scanning more than one finger may affect fingerprint registration and recognition.
- The device may generate static electricity if the surrounding air is dry. If the surrounding air is dry, avoid scanning fingerprints, or touch a metallic object, such as coin or key, to remove static electricity before scanning fingerprints.

Registering fingerprints

You can register and save your fingerprint on the device to use fingerprint identification.



1. Tap  > Settings > Lock screen & security > Fingerprints
2. Locate the fingerprint sensor on the back of the device and gently put your finger on it to register the fingerprint.



3. Follow the on-screen instructions.
 - Repeat scanning the fingerprint by moving your finger little by little until the fingerprint is registered.
4. When the fingerprint registration is done, tap OK.
 - Tap Add more to register another fingerprint. If you register only one fingerprint and the corresponding finger is not in a good condition, the fingerprint recognition may not work well. As a preventative measure, register multiple fingerprints.


Managing fingerprints

You can edit or delete registered fingerprints.

1. Tap  > Settings > Lock screen & security > Fingerprints.
2. Unlock according to the specified lock method.
3. From the fingerprint list, tap a fingerprint to rename it. To delete it, tap  .

Unlocking the screen with a fingerprint

You can unlock the screen or view locked content by using your fingerprint.

1. Tap  > Settings > Lock screen & security > Fingerprints.
2. Unlock according to the specified lock method.



3. On the fingerprint settings screen, activate the desired function:

- Screen lock: Unlock the screen with a fingerprint.
- Content lock: Access contents you have locked in QuickMemo+ with a fingerprint.



Multi-tasking feature

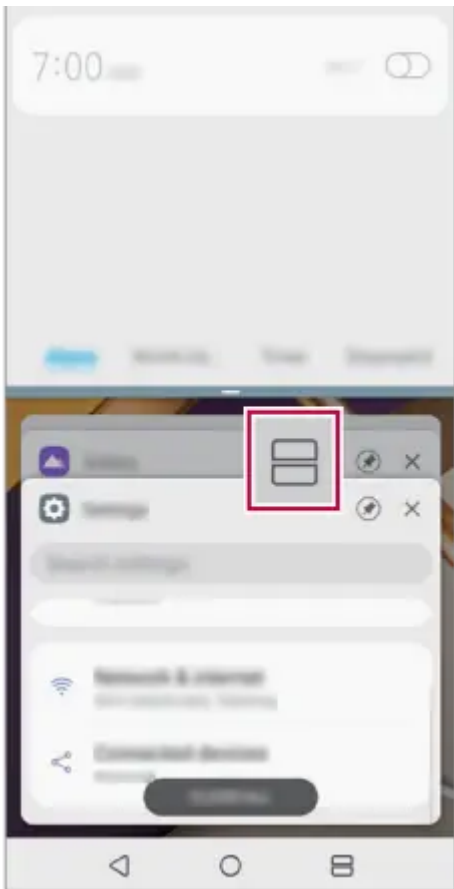
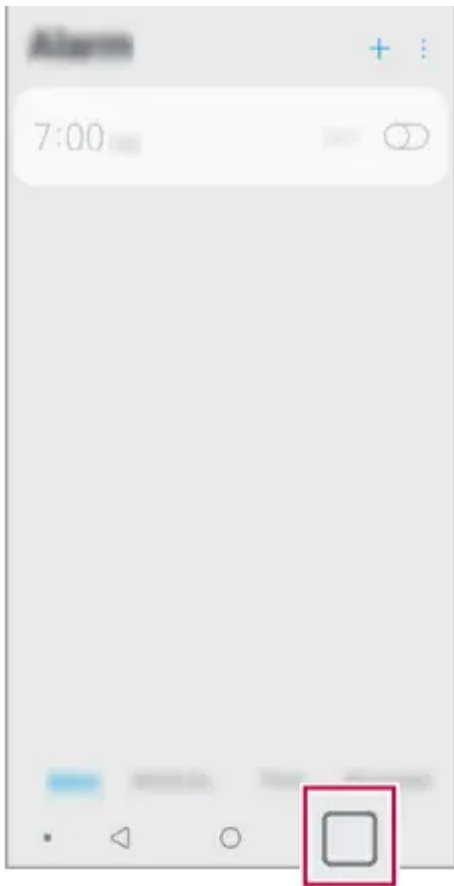
Multi-Window

You can use two apps at the same time by separating the screen into multiple windows.

1. Tap  from the Home touch buttons.
 - Recently-used apps appear.
2. Tap  at the top of the desired app to use the Multi-Window feature.
 - The selected app appears at the top half of the screen.


You can also access this feature by doing the following:


1. Touch and hold  while using an app.
 - Recently-used apps appear on the split screen.
2. Tap  at the top of the desired app to use the Multi-Window feature.
 - The selected app appears at the bottom of the screen.



Overview screen



The Overview screen provides a preview of your recently-used apps. To view the list of recently-used apps, tap  on the Home touch buttons.

- Touch and hold an app and drag it to the top of the screen to start the app with the Multi-Window feature. You can also tap  at the top of each app preview.

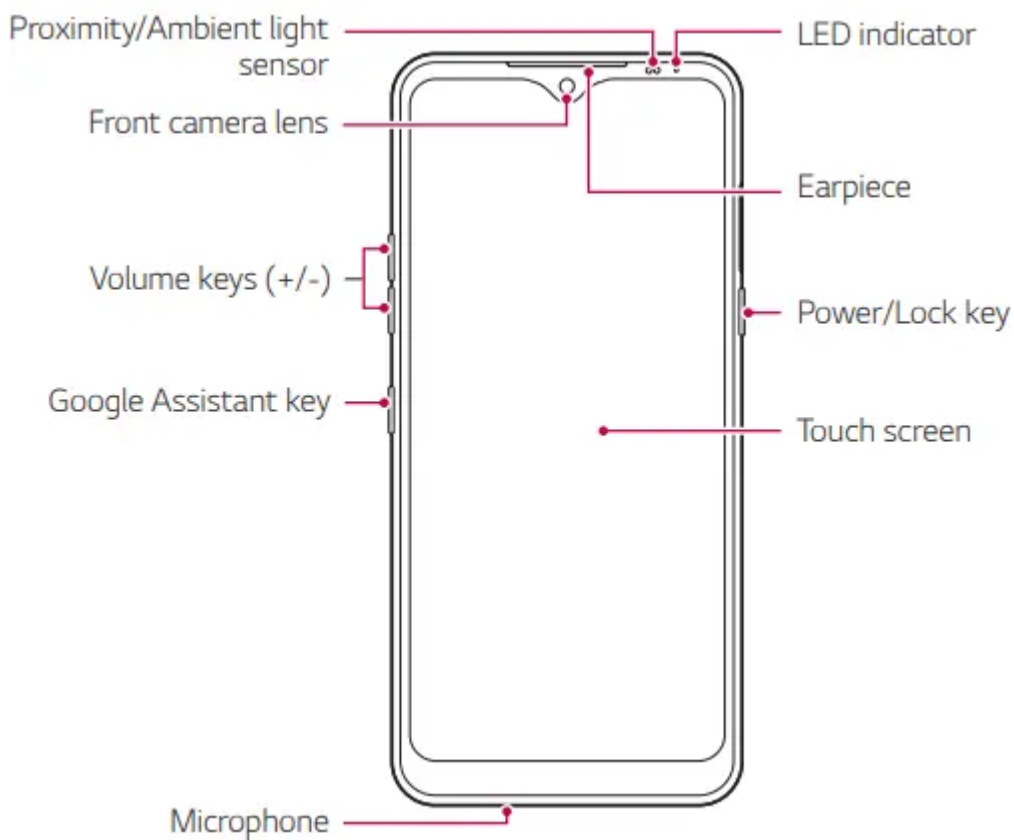
Basic Functions

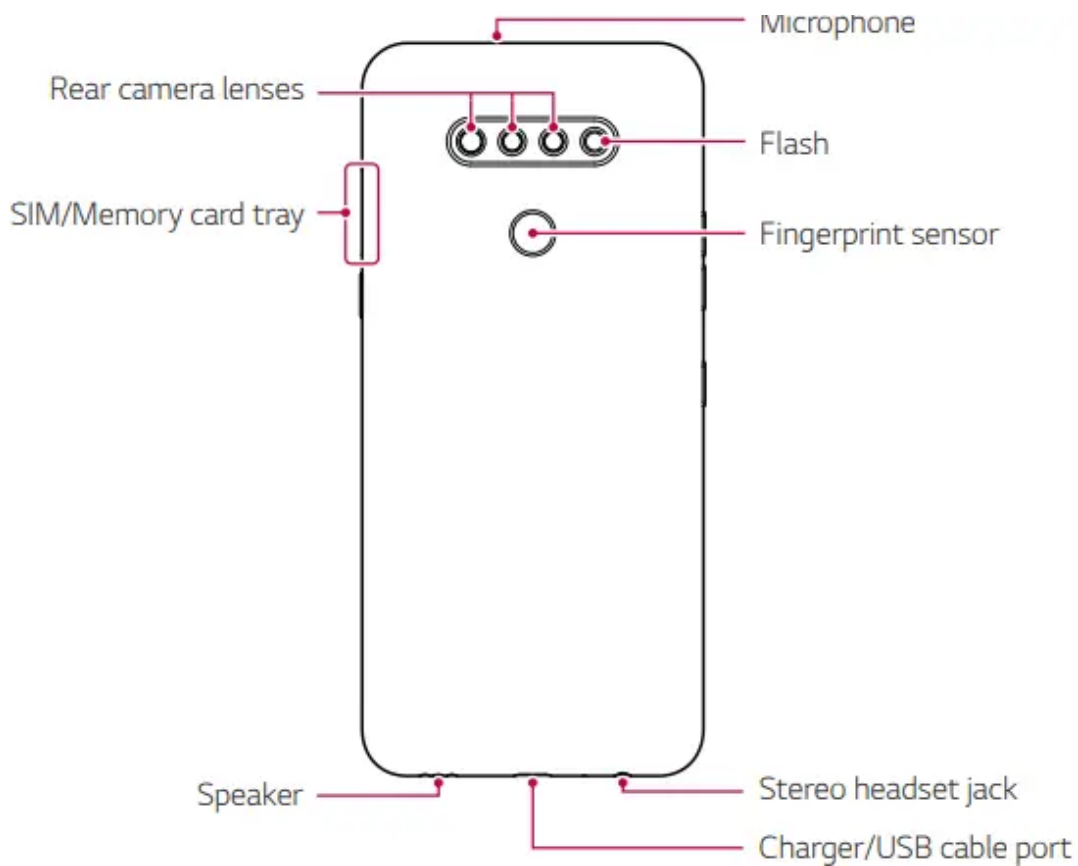
Product components and accessories

The following items are included with your device.

- Device
- USB cable
- Charger
- Quick Start Guide
- Ejection pin

Parts overview





- Proximity/Ambient light sensor

- Proximity sensor: During a call, the proximity sensor turns off the screen and disables touch functionality when the device is in close proximity to the human body. It turns the screen back on and enables touch functionality when the device is outside a specific range.

- Ambient light sensor: The ambient light sensor analyzes the ambient light intensity when the auto-brightness control mode is turned on.

- Volume keys

- Adjust the volume for ringtones, calls or notifications.

- While using the Camera, gently press a Volume key to take a photo. To take continuous photos, press and hold the Volume key.

- Press the Volume Down key twice to launch the Camera app when the screen is locked or turned off. Press the Volume Up key twice to launch Capture+.

- Power/Lock key

- Briefly press the key when you want to turn the screen on or off.

- Press and hold the key when you want to select a power control option.

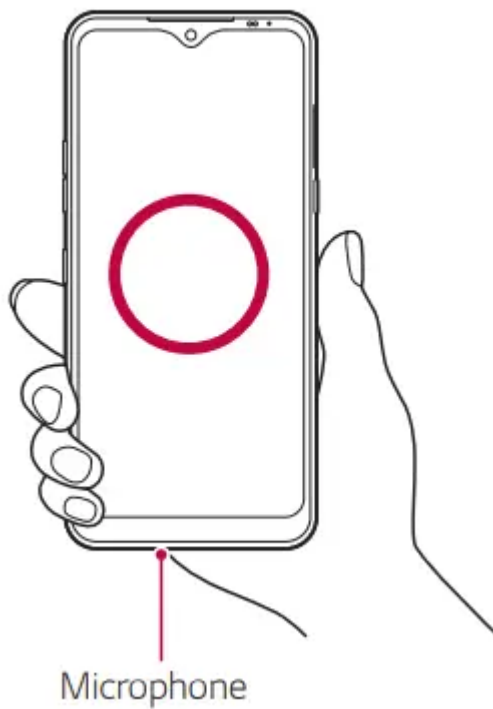
- Google Assistant key

- Your device has Google Assistant built in. Find answers and get things done while on-the-go. To get started, just tap the Google Assistant key on the side of the phone.

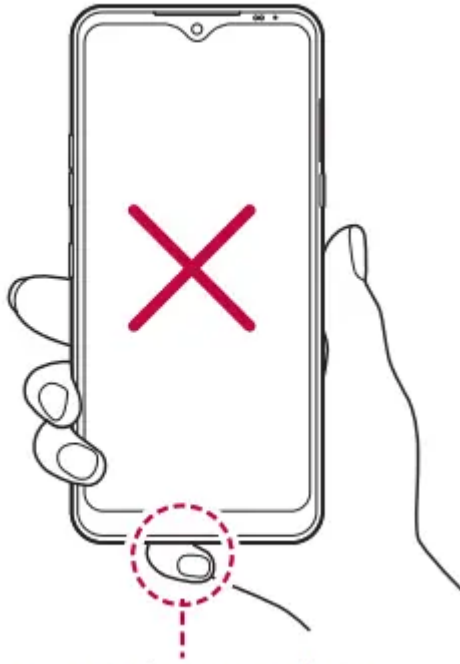
- Activate Google assistant. See Google Assistant for details.

Hold the device correctly as shown below. If you cover the microphone hole with a hand, finger, or protective case while using the device, you may sound unclear during a call.

Good example



Bad example



Do not cover the microphone.

Turning the power on or off

Turning the power on

When the power is turned off, press and hold the Power/Lock key.

Turning the power off

Press and hold the Power/Lock key, then select Power off.

Restarting the device

When the device is not working properly or does not respond, restart it by following the instructions below.

1. Press and hold the Power/Lock key and the Volume Down key at the same time until the power is turned off.
2. When the device restarts, release the key.

Power control options

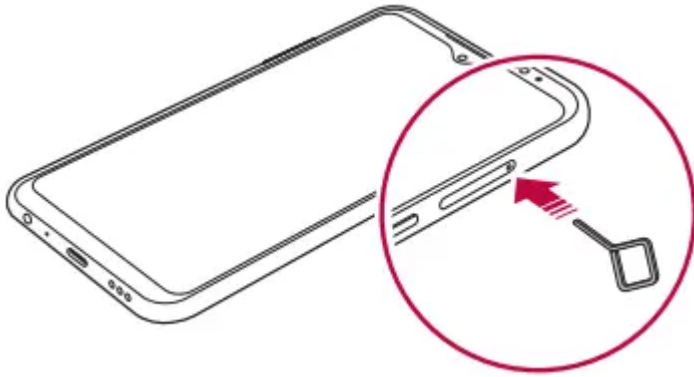
Press and hold the Power/Lock key, then select an option.

- Power off: Turn the device off.
- Power off and restart: Restart the device.

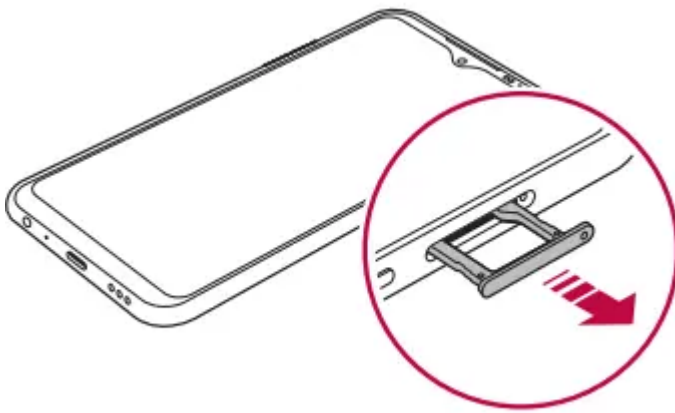
Installing the SIM card

Insert the SIM card provided by your mobile service provider to start using your device.

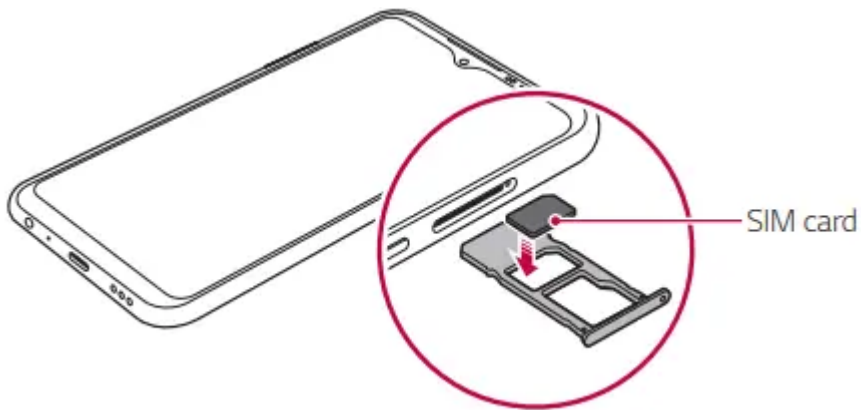
1. Insert the ejection pin into the hole on the card tray



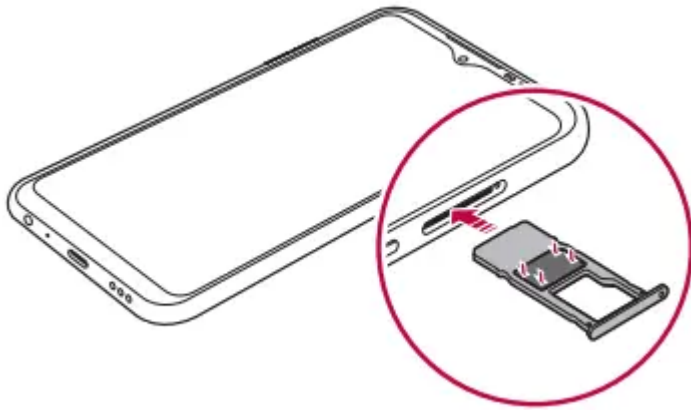
2. Pull out the card tray.



3. Put the SIM card on the card tray with the gold-colored contacts facing downwards.



4. Insert the card tray back into the slot.



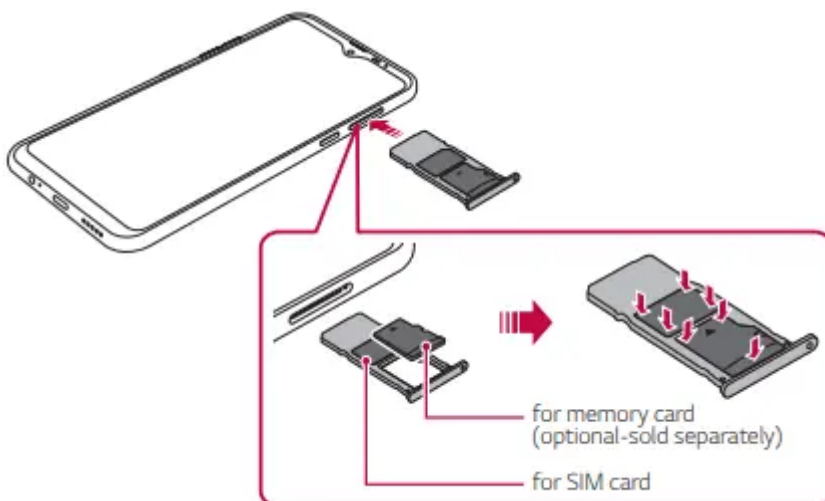
Precautions when using the SIM card

- Do not lose your SIM card. LG is not responsible for damage and other issues caused by loss or transfer of a SIM card.
- Be careful not to damage the SIM card when you insert or remove it.

Inserting the memory card

Insert the memory card into your device. The device can support up to a 2 TB microSD card. Depending on the memory card manufacturer and type, some memory card may not be compatible with your device



1. Insert the ejection pin into the hole on the card tray.
2. Pull out the card tray.
3. Put the memory card on the card tray with the gold-colored contacts facing downwards.



4. Insert the card tray back into the slot

Removing the memory card

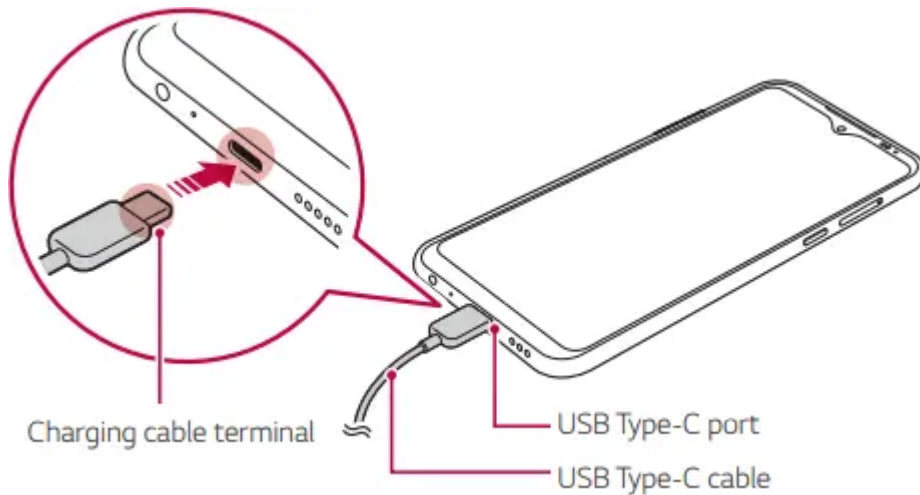
Unmount the memory card before removing it for safety

1. Tap  > Settings > Storage > 
2. Insert the ejection pin into the hole in the card tray and then pull out the card tray from the device.
3. Remove the memory card from the card tray.
4. Insert the card tray back into the slot.

Battery

Charging the battery

Before using the device, fully charge the battery



Using the battery efficiently

Battery lifespan may decrease if you keep many apps and functions running simultaneously and continuously. Stop apps and functions from running in the background to increase battery life. To minimize battery consumption, follow these tips:

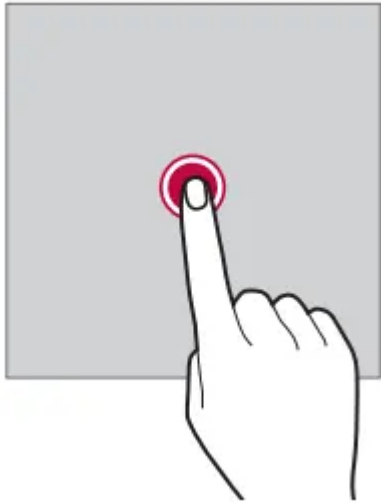
- Turn off the Bluetooth® or Wi-Fi network function when not using them.
- Set the screen timeout to as short a time as possible.
- Minimize the screen brightness.
- Set a screen lock when the device is not in use.
- Check the battery level while using any downloaded apps.

Touch screen

You can familiarize yourself with how to control your device by using touch screen gestures.

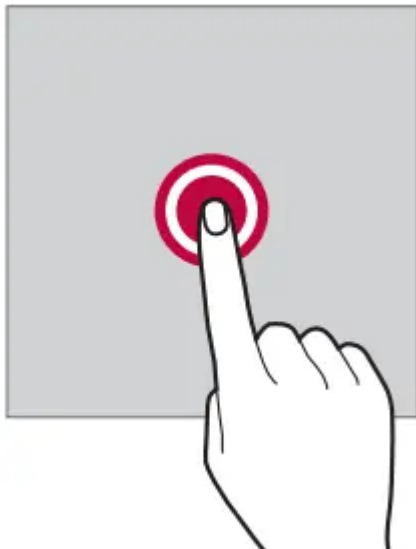
Tapping

Lightly tap with your fingertip to select or run an app or option



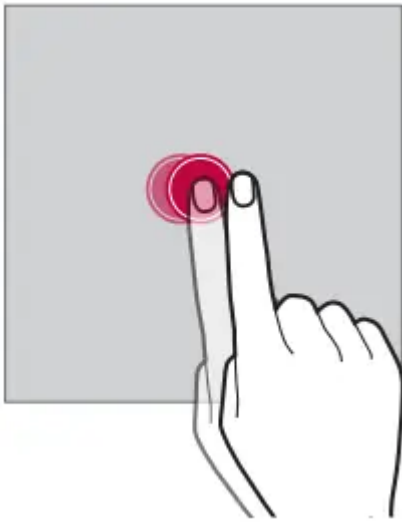
Touching and holding

Touch and hold for several seconds to display a menu with available options.



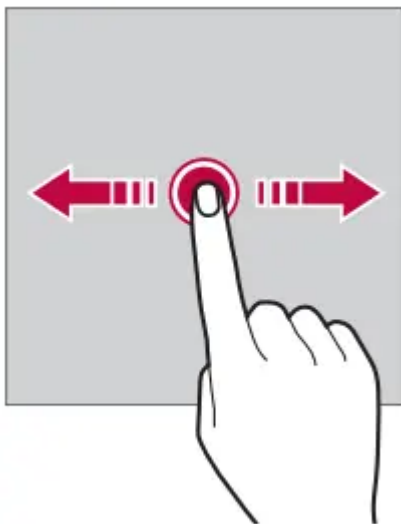
Double-tapping

Tap the screen twice quickly to zoom in or out on a specific app



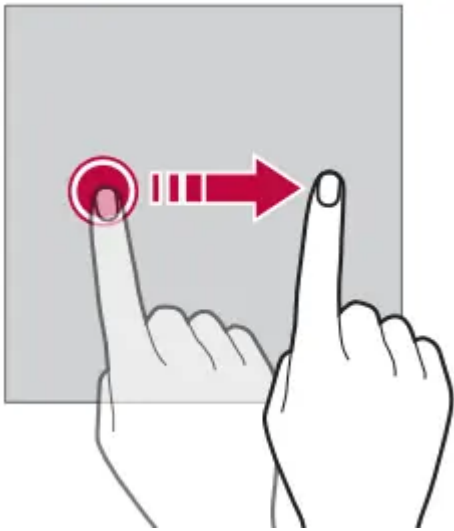
Dragging

Touch and hold an item, such as an app or widget, then move your finger to a desired location in a controlled motion. You can use this gesture to move an item.



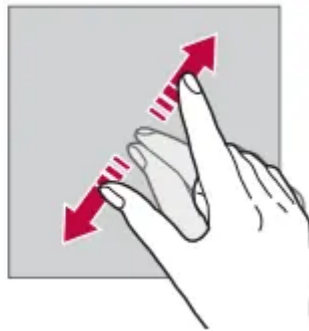
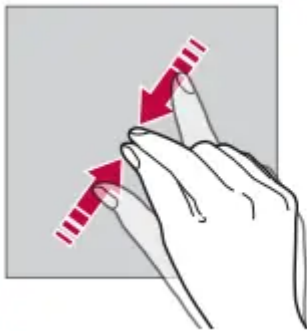
Swiping

Touch the screen with your finger and move it quickly without pausing. You can use this gesture to scroll through a list, a web page, photos, screens, and more.




Pinching and spreading

Pinch two fingers to zoom out such as on a photo or map. To zoom in, spread your fingers apart.



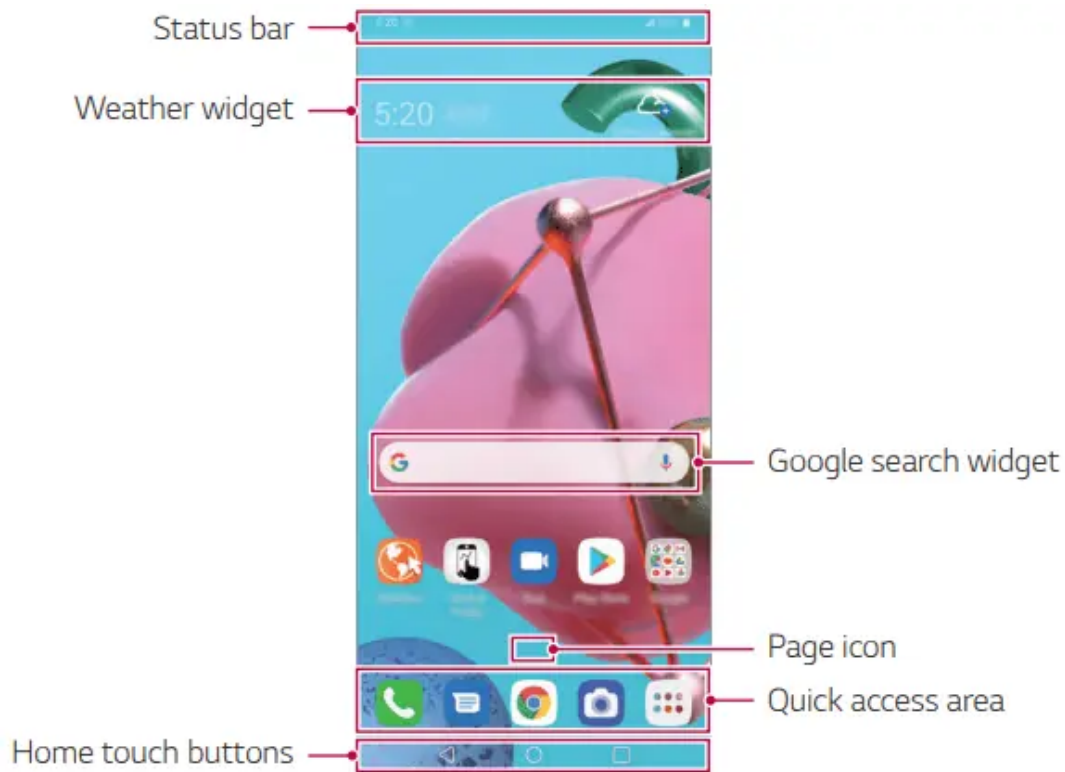
Home screen

Home screen overview

The Home screen is the starting point for accessing various functions and apps on your device. Tap  on any screen to directly go to the Home screen. You can manage all apps and widgets on the Home screen. Swipe the screen left or right to view all installed apps at a glance.

Home screen layout

You can view all apps and organize widgets and folders on the Home screen.



- **Status bar:** View status icons, the time and the battery level.
- **Weather widget:** View the weather information or time for a specific area.
- **Google search widget:** Perform a Google search by inputting spoken or written keywords.
- **Page icon:** Display the total number of Home screen canvases. You can tap the desired page icon to go to the page. The icon reflecting the current canvas will be highlighted.
- **Quick access area:** Fix main apps at the bottom of the screen so that they can be accessed from any Home screen canvas.
- **Home touch buttons**


- ◀ : Return to the previous screen. Close the keypad or pop-up windows.

- ○ : Tap to go to the Home screen. To launch Google Assistant, touch and hold.

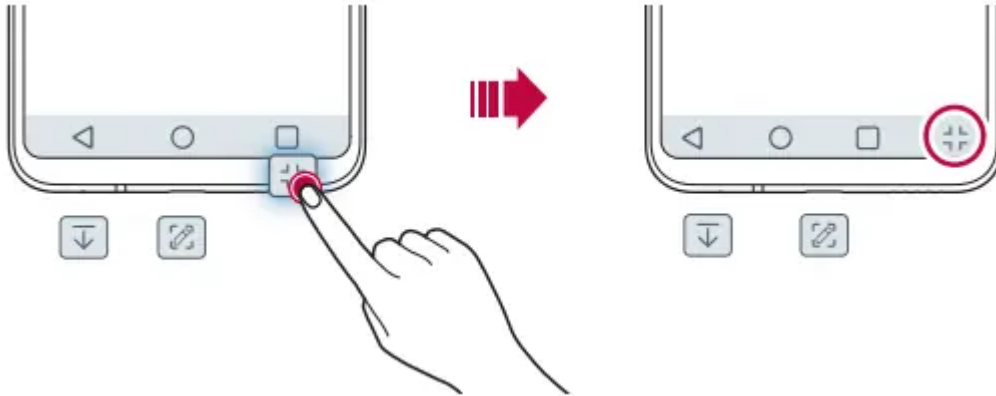
- ◻ : Tap to view a list of recently used apps or run an app from the list. To delete all the recently used apps, tap CLEAR ALL. To use two apps at the same time with the Multi-Window feature, touch and hold the button while using an app.

Editing the Home touch buttons

You can rearrange the Home touch buttons or add frequently used functions to the Home touch buttons area.

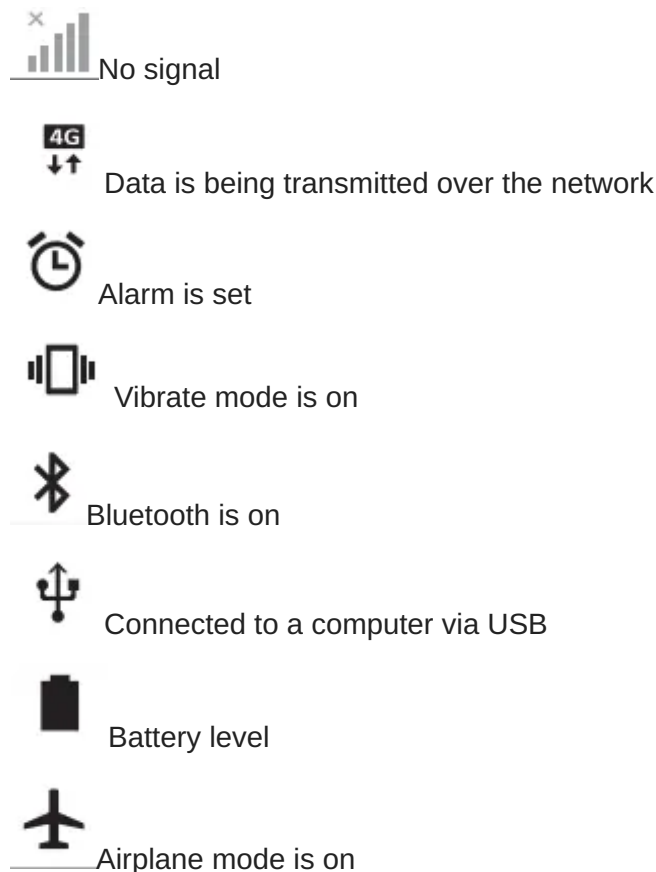
Tap  > Settings > Display > Home touch buttons > Button combination and customize the settings.






- Several functions, including QSlide, Notification and Capture+, are provided. A maximum of two additional items can be added.



Status icons


When there is a notification for an unread message, calendar event or alarm, the status bar displays the corresponding notification icon. Check your device's status by viewing notification icons displayed on the status bar

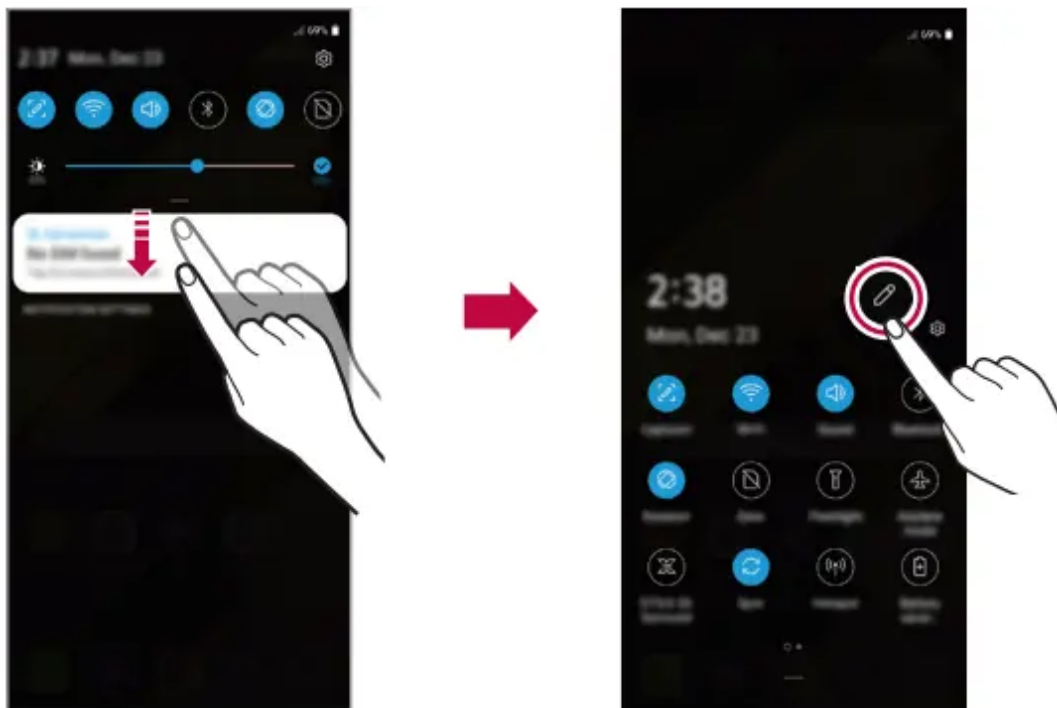


-  Missed calls
-  Wi-Fi is connected
-  Mute mode is on
-  GPS is on
-  Hotspot is on
-  No SIM card


Notifications panel

You can open the notifications panel by dragging the status bar downward on the main screen.

- You can drag down the notice window or tap the arrow icon to open the list of quick setting icons.
- You can tap  to add, delete or arrange icons in the notice window.
- If you touch and hold the icon, the settings screen for the corresponding function appears.




Switching the screen orientation


You can set the screen orientation to automatically switch according to the device's physical orientation. On the notification panel, tap Rotation from the quick access icon list. You can also tap  > Settings > Display and activate Auto-rotate screen.

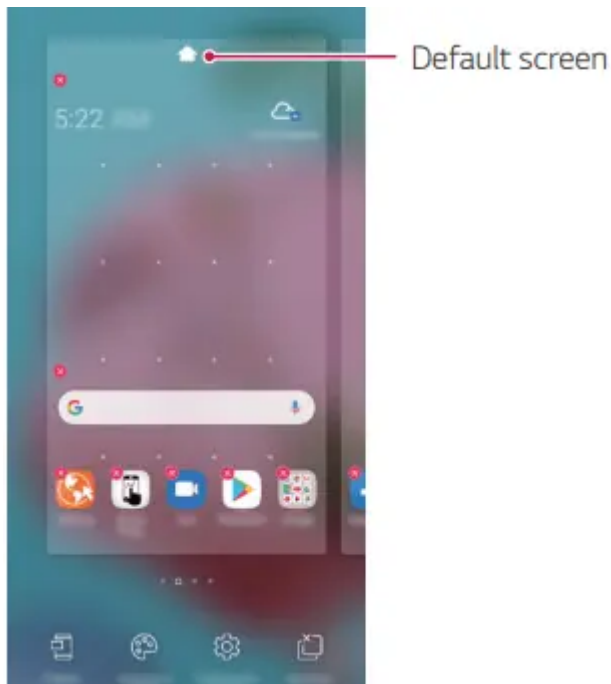


Editing the Home screen

On the Home screen, touch and hold on an empty space, then select the desired action from below.


- To rearrange the Home screen canvases, touch and hold on a canvas, then drag it to a desired location.
- To add a widget to the Home screen, touch and hold on a blank area of the Home screen, then select Widgets.
- To change a wallpaper or theme, touch and hold on a blank area of the Home screen, then select Wallpaper & theme. You can also tap  > Settings > Display > Wallpaper & theme, then select a desired wallpaper and theme to apply to the device.
- To configure the Home screen settings, touch and hold on a blank area of the Home screen, then select Home screen settings. See Home screen settings for details.
- To view or reinstall the uninstalled apps, touch and hold on a blank area of the Home screen, then select App trash. See App trash for details.

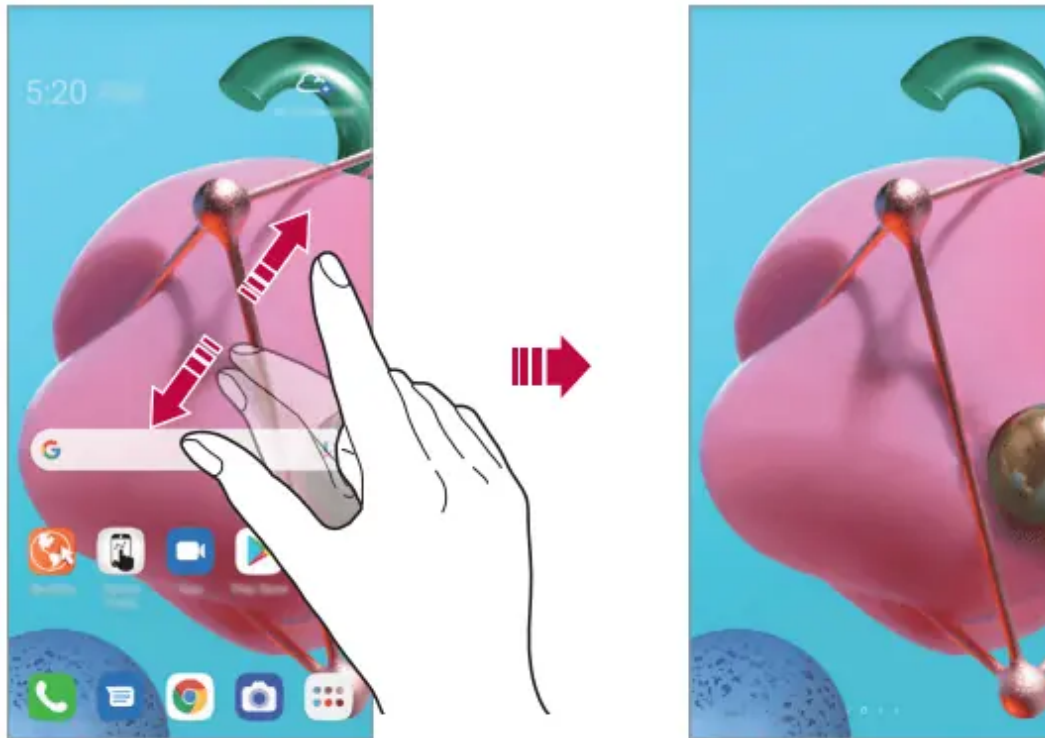
- To change the default screen, touch and hold on a blank area of the Home screen, move to desired screen, tap , then tap the screen once more.



Viewing the background theme

You can view only the background image by hiding the apps and widgets on the Home screen. Spread two fingers apart on the Home screen.

- To return to the original screen, which displays apps and widgets, pinch your fingers on the Home screen or tap .



Moving apps on the Home screen

On the Home screen, touch and hold an app, then drag it to a desired location.

- To keep frequently used apps at the bottom of the Home screen, touch and hold an app, then drag it to the quick access area at the bottom.
- To remove an icon from the quick access area, drag the icon to the Home screen.

Using folders from the Home screen

Creating folders

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

- A new folder is created and the apps are added to the folder

Editing folders

On the Home screen, tap a folder and do one of the following actions.

- To edit the folder name and color, tap the folder name.
- To add apps, touch and hold an app, then drag it over the folder and release it.
- To remove an app from the folder, touch and hold the app and drag it to outside the folder. If there is only one app remaining in the folder, the folder is removed automatically.
- You can also add or remove apps after tapping in the folder

Home screen settings

You can customize the Home screen settings.

1. Tap  > Settings > Display > Home screen.

2. Customize the following settings:

- Select Home: Select a Home screen mode.
- Wallpaper: Change the Home screen background wallpaper.
- Screen swipe effect: Select an effect to apply when the Home screen canvas switches.
- Icon shape: Choose a desired shape for icons.
- Google feed: Enable Google feed to show to the left of Home screen.
- Grid: Change the app arrangement mode for the Home screen.
- Loop Home screen: Enable to allow continuous Home screen scrolling (loop back to the first screen after the last screen).
- Search: Search by swiping down on the Home screen.
- Home screen lock: Turn on to prevent apps and widgets from being rearranged or removed.


Screen lock

Screen lock overview

Your device's screen turns off and locks itself if you press the Power/Lock key. This also happens after the device is left idle for a specified period of time. If you press the Power/Lock key when a screen lock is not set, the Home screen appears immediately. To ensure security and prevent unwanted access to your device, set a screen lock.

Setting a screen lock

There are several screen lock options available.

1. Tap  > Settings > Lock screen & security > Select screen lock and then select the method you prefer.

2. Customize the following settings:

- None: Deactivate the screen lock function.
- Swipe: Swipe on the screen to unlock the screen.
- Pattern: Draw a pattern to unlock the screen.

- PIN: Enter a numeric password to unlock the screen.
- Password: Enter an alphanumeric password to unlock the screen.
- Fingerprints: Unlock the screen by using your fingerprint.

Secure start-up settings

For additional security for your device, you can enable the Secure start-up option when setting a screen lock.

- You cannot use all functions, except for emergency calls, until you unlock the device.
- If you forget your decryption password, you cannot restore encrypted data and personal information.

Precautions for the secure start-up feature

- If you forget your decryption password, you cannot restore encrypted data and personal information.
- Be sure to keep your screen lock passwords separately.
- If you enter the screen lock passwords incorrectly more than the specified times, the device automatically resets itself and the encrypted data and your personal information are deleted automatically and they cannot be restored.
- Be cautious not to enter incorrect screen lock passwords more than the specified times.
- When you turn on the device right after the device reboots, encryption also starts. If you stop the encryption arbitrarily, the data may be damaged. Be sure to wait until the reboot is completed.

KnockON

You can turn the screen on or off by double-tapping the screen.

Tap  > Settings > Extensions > KnockON to enable the feature

Turning the screen on

Double-tap the middle of the screen.

- Tapping the top or bottom of the screen may decrease the recognition rate.

Turning the screen off

Double-tap on an empty space on the screen. You can also double-tap an empty space on the status bar

Memory card encryption

You can encrypt and protect data saved on the memory card. The encrypted data in the memory card cannot be accessed from another device.

1. Tap  > Settings > Lock screen & security > Encryption & credentials > Encrypt SD card.
2. Read the on-screen overview of memory card encryption and then tap CONTINUE to continue.
3. Select an option and tap ENCRYPT NOW.
 - New data encryption: Encrypt only data that is saved on the memory card after encryption.
 - Full encryption: Encrypt all the data currently saved on the memory card.
 - Exclude media files: Encrypt all files, except for media files such as music, photos and videos.

Taking screenshots

You can take screenshots of the current screen you are viewing


Via a shortcut

Press and hold the Power/Lock key and the Volume Down key at the same time for at least two seconds.

- Screenshots can be viewed from the Screenshots folder in Gallery.


Via Capture+

On the screen where you want to take a screenshot, drag the status bar

downwards, then tap 

Do not disturb

You can limit or mute notifications to avoid disturbances for a specific period of time.

Tap  > Settings > Sound > Do not disturb.

- Mode and select the mode you want:
 - Priority only: Receive sound or vibrate notifications for the selected apps. Even when Priority only is turned on, alarms still sound.
 - Total silence: Disable both the sound and vibration.
- Select priorities: Receive alarms and the notifications for the selected apps.
 - App notifications: Select apps to receive the notifications.
 - Calls from: Set up a range of notifications when receiving a call.

- Repeated calls: Second call from same caller within 15 min is not silenced.
- Messages from: Set up a range of notifications when receiving a message.
- Use Do not disturb: Turn on the Do not disturb feature.
- SCHEDULE: Set the schedule for which you want to turn on the Do not disturb feature.
- Help: View the help for Do not disturb.

Useful Apps

Installing and uninstalling apps

Installing apps

Access an app store to search and download apps.

- You can use SmartWorld, Play Store or the app store provided by your service provider


Uninstalling apps

Uninstalling with the touch and hold gesture

On the Home screen, touch and hold the app to uninstall, then drag it over Delete at the top of the screen.

- Uninstalled apps can be reinstalled within 24 hours of uninstallation. See App trash for details.

Uninstalling by using the settings menu

Tap  > Settings > Apps & notifications > App info, select an app, then tap Uninstall.

Uninstalling apps from the app store


To uninstall an app, access the app store from which you download the app and uninstall it.

Installing and uninstalling apps during the setup

When you turn on the device for the first time, you can download recommended apps. You can skip to the next step without installation.

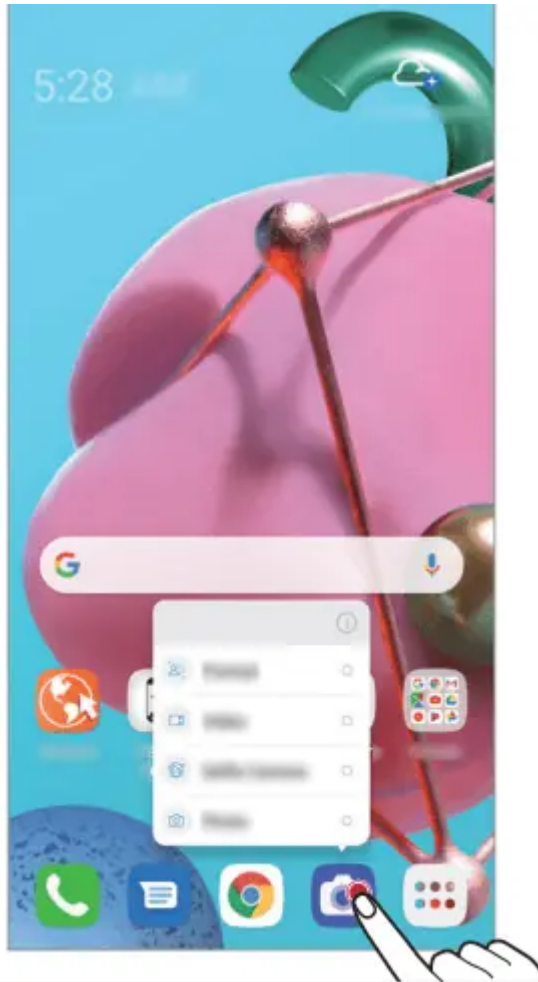
App trash

You can view the uninstalled apps on the Home screen. You can also reinstall apps within 24 hours of uninstallation.

1. Touch and hold an empty area of the Home screen, then tap App trash.
2. Choose the desired option
 - Restore: Restore the selected app.
 -  : Remove the uninstalled apps permanently from the device.

App Shortcuts

On the Home screen, touch and hold an app icon such as Phone, Messages, Camera, Gallery and Settings to display a quick access menu. Use apps more easily through App Shortcuts.



Phone



Voice call

Make a phone call by using one of the available methods, such as manually entering a phone number and making a call from the contact list or the list of recent calls.

Making a call from the keypad


1. Tap  >  > Dial.

2. Make a call by using a method of your choice:


- Enter a phone number and tap  .
- Touch and hold a speed dial number.
- Search for a contact by tapping the initial letter of a contact name in the contact list, and then tap  .



Making a call from the contact list

1 Tap  >  > Contacts.

2 From the contact list, select a contact and tap  .



Answering a call

To answer a call, drag  on the incoming call screen.

- When the stereo headset is connected, you can make calls by using the call/end button on the headset.
- To answer a call using a shortcut key, tap  > Settings > Network & internet > Call > Answer and end calls > Answer call with the Volume Up key.
- To end a call with the Power key, tap  > Settings Network & internet > Call > Answer and end calls, and activate End call with the Power key

Rejecting a call



To reject an incoming call, drag  across the incoming call screen

- To send a rejection message, drag the rejection message option  across the screen.
- To add or edit a rejection message, tap  > Settings > Network & internet > Call > Call blocking & Decline with message > Decline with message.
- When a call is coming in, press the Volume Up, Volume Down or Power/Lock key to mute ringtone or vibration, or to hold the call.

Checking an incoming call while using an app

When a call comes in while using an app, a pop-up notification can be displayed at the top of the screen. You can receive the call, reject the call, or send message from the pop-up screen.



Viewing missed calls

If there is a missed call, the status bar at the top of the screen displays . To view missed call details, drag the status bar downwards. You can also tap  > Call logs.

Functions accessible during a call



During a call, you can access a variety of functions by tapping the on-screen buttons:

- Contacts (This function may vary depending on the service provider): Allows access to your contacts list.
- Hold (This function may vary depending on the service provider): Place the current call on hold.
- Add call (This function may vary depending on the service provider): Allows you to add another caller to initiate a conference call.
- Dialpad: Display or hide the dial pad.
- Speaker: Turn on the speakerphone function.
- Mute: Block your voice so that the other party cannot hear your voice.
- Bluetooth: Switch the call to a Bluetooth device that is paired and connected.

-  : End a call.
-  : Access additional call options.

Making a three-way calling



You can make a call to another contact during a call.



1. During a call, tap Add call or  > Add call (Depending on the service provider).
2. Enter a phone number and tap .

- The two calls are displayed on the screen at the same time, and the first call is put on hold.

3. To start a conference call, tap Merge or Merge calls.




Viewing call records

To view recent call records, tap  >  > Call logs. Then, you can use the following functions: To view recent call records, tap Call logs. Then, you can use the following functions:

- To view detailed call records, select a contact. To make a call to the selected contact, tap  .
- To delete call records, tap  > Delete.

Configuring call options








You can configure various call options.

1. Tap  >  > Dial or Call logs.
2. Tap  > Call settings and then configure the options to suit your preferences.

Messages



Sending a message

You can create and send messages to your contacts using the Messages app.

1. Tap  >  .
2. Tap  .
3. Specify a recipient and create a message.
 - To attach files, tap  .
 - To access optional menu items, tap  .
4. Tap  SMS or  MMS to send the message.




Reading a message

You can view exchanged messages organized by contact.

1. Tap  > .
2. Select a contact from the message list.

Configuring messaging settings

You can change messaging settings to suit your preferences.

1. Tap  > .
2. Tap  > Settings from the message list.



Camera

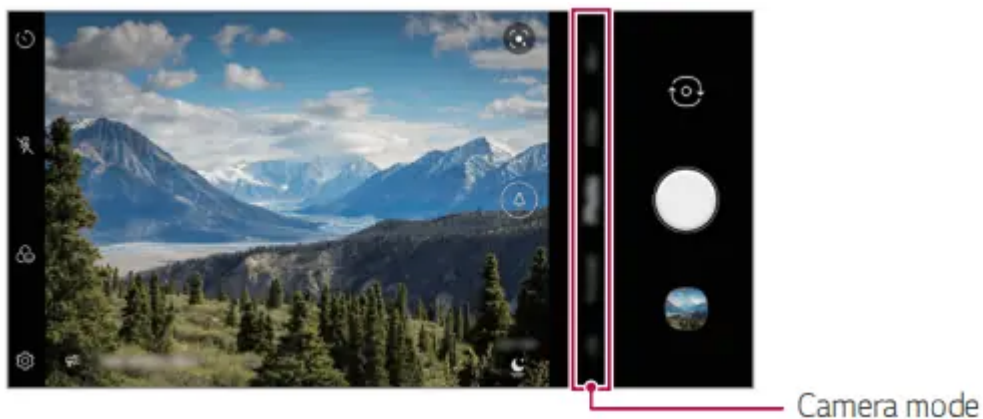
You can use the Camera app to take and share photos and videos. It has many state-of-the-art features such as Portrait, AI CAM, and much more. These features will allow you to easily and creatively capture your world.

Starting the camera

Tap  > .

Changing the camera mode



You can select a camera mode that suits your environment to take a photo or record a video easily and conveniently. Tap  > , then swipe left or right over the camera mode area to select the desired mode.

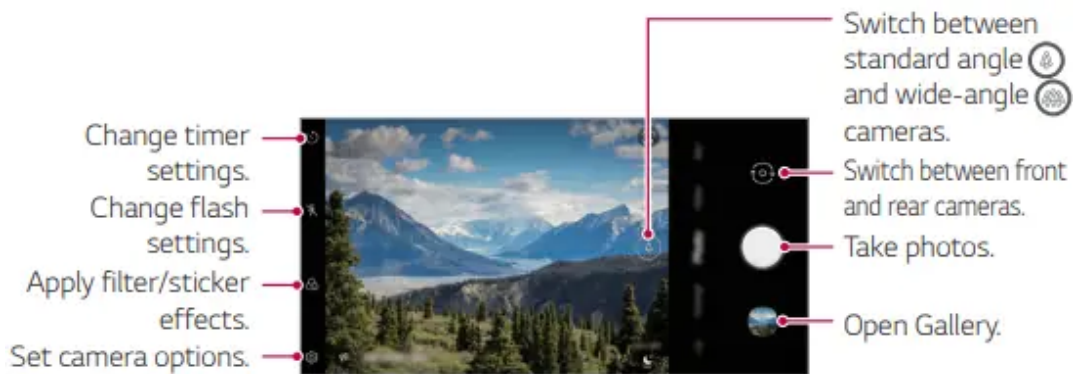


Auto mode

You can take photos or record videos by selecting a variety of camera options.


- 1 Tap  > .

2 To take a photo, tap Photo, and tap . To record a video, tap Video, and tap .



Taking a photo

1. Select a camera mode and tap the subject to focus the camera on.


2. Tap  to take a photo.



- You can also press the Volume Down or Volume Up key to take a photo.

Recording a video

1 Select a camera mode and tap the subject to focus the camera on.


2 Tap .

- To take a photo while recording a video, tap .

- To pause the video recording, tap . To resume the video recording, tap .


- While recording a video, you may spread or pinch two fingers to zoom in or out.


- While recording a video, you may tap the desired area to adjust the brightness.


3 Tap  to end the video recording

Customizing the camera options

You can customize a variety of camera options to suit your preferences. Tap

 on the screen.

- : Take a photo or record a video in FullVision.

-  : Select values for aspect ratio and size for taking photos.

HDR : Obtain photos in vivid colors and get compensated effects even when they are taken against the light. These functions are provided by the High Dynamic Range (HDR) technology equipped in the camera.

Cheese shutter : Take photos with voice commands.

Tag locations : Save the image with GPS location data.

Grid : Displays guide grids so that you can take photos or record videos based on the horizontal and vertical reference lines.

Help : Provides help information for each camera menu.

Additional options on the front camera

Selfie shot : Take a selfie by selecting its option between Gesture shot and Auto shot.


Save as flipped : Save as flipped images after taking selfies.

Various camera modes


Flash Jump-Cut


Photos taken at a regular interval are saved as a GIF file.

1. Tap  .

2. Tap More  .

- Photos are taken every 3 seconds and saved as a GIF file.

- Tap  on the screen to select the number of photos you want to take.



- While taking photos, tap  to create a GIF with the photos taken.

Food


You can optimize the quality of your food photos or videos using the color slide bar and white balance.

1. Tap  .

2. Tap More  .

3. To take a photo, tap  . To record a video, tap  .

- Drag the color slide bar on the screen to adjust the white balance and select the best color.


- If the slide bar is not displayed, tap  to adjust the white balance.



YouTube Live


You can record a video and directly upload to YouTube

1 Tap  >  .

2. Tap More > 

To use this feature, you need to verify your phone number

Burst shot

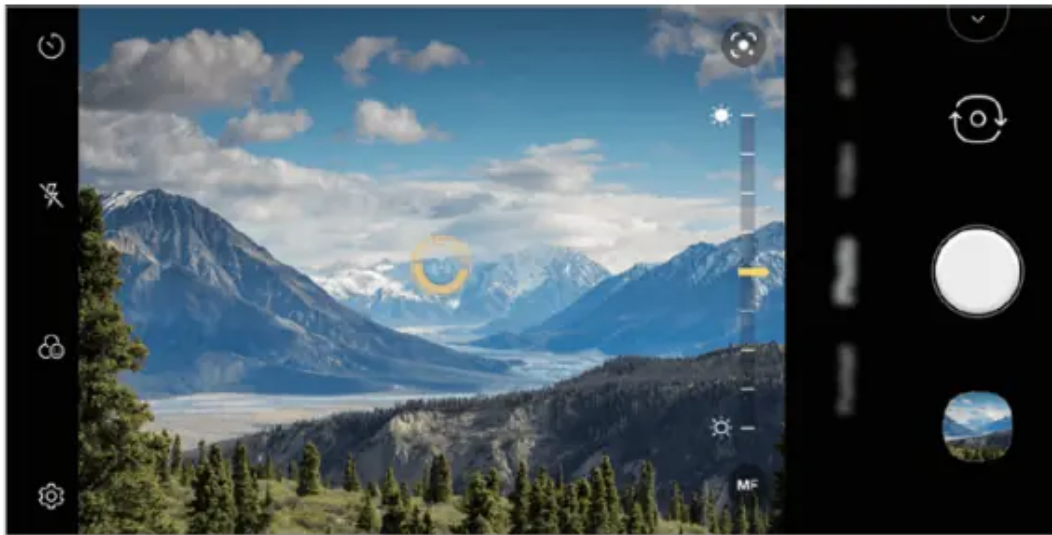
You can take continuous shots of photos to create moving pictures. In the Auto mode, touch and hold  .

- Continuous shots are taken at a fast speed while  is held down.

Other useful features in the Camera app

Auto-Exposure/Auto-Focus lock

You can fix the current exposure level and focus position by touching the screen in the Photo mode. To turn off the feature, tap a blank area on the screen.




Focus peaking

You can adjust the focus on the subject with the Focus peaking feature. Access Focus peaking by tapping the Manual Focus (MF) button. Move the toggle wheel up or down to focus on the desired area, then take the photo.

Switching between cameras

You can switch between the front and rear cameras to suit your environment.

On the camera screen, tap  to switch between the front and rear cameras.

Zoom in or out

You can use zoom in or out on the camera screen while taking a photo or recording a video.

- On the camera screen, pinch or spread two fingers to zoom in or out, then use the displayed +/- slide bar.

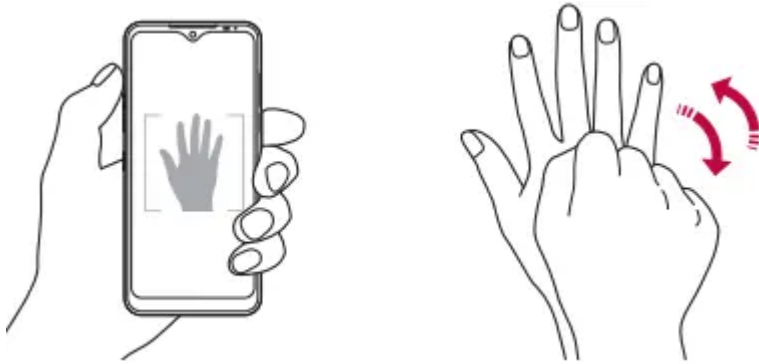
Selfie shot

You can use the front camera to view your face on the screen and take selfies.

Gesture shot

You can take selfies by using gestures. Show your palm to the front camera and then clench your fist. You can also clench your fist and then open it towards the front camera.

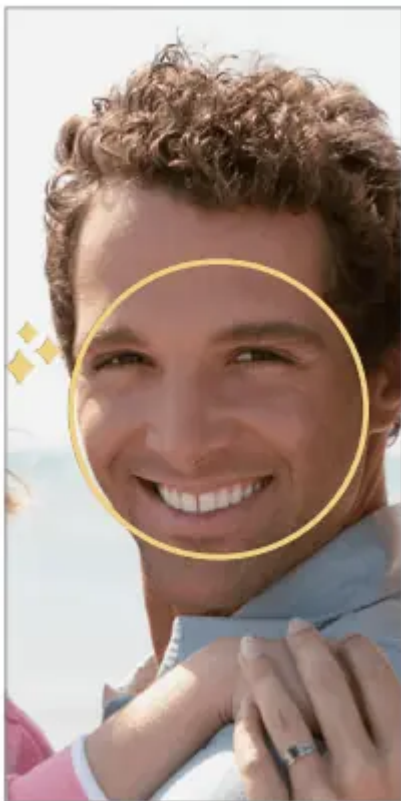
- In three seconds, a photo is taken.



Auto shot

You can use the face detection feature to take selfies easily and conveniently. You can set the device so that, when you look at the screen, the front camera detects your face and takes a selfie automatically.

- The white colored guide frame appears when the front camera detects your face. If the subject within the guide frame stops moving, the guide frame color turns yellow, then the camera takes a photo.




Interval shot

You can take selfies at an interval. While using the front camera, you can show your palm to the camera, then clench your fist twice quickly.



- Four photos are taken at regular intervals after a timer delay of three seconds.

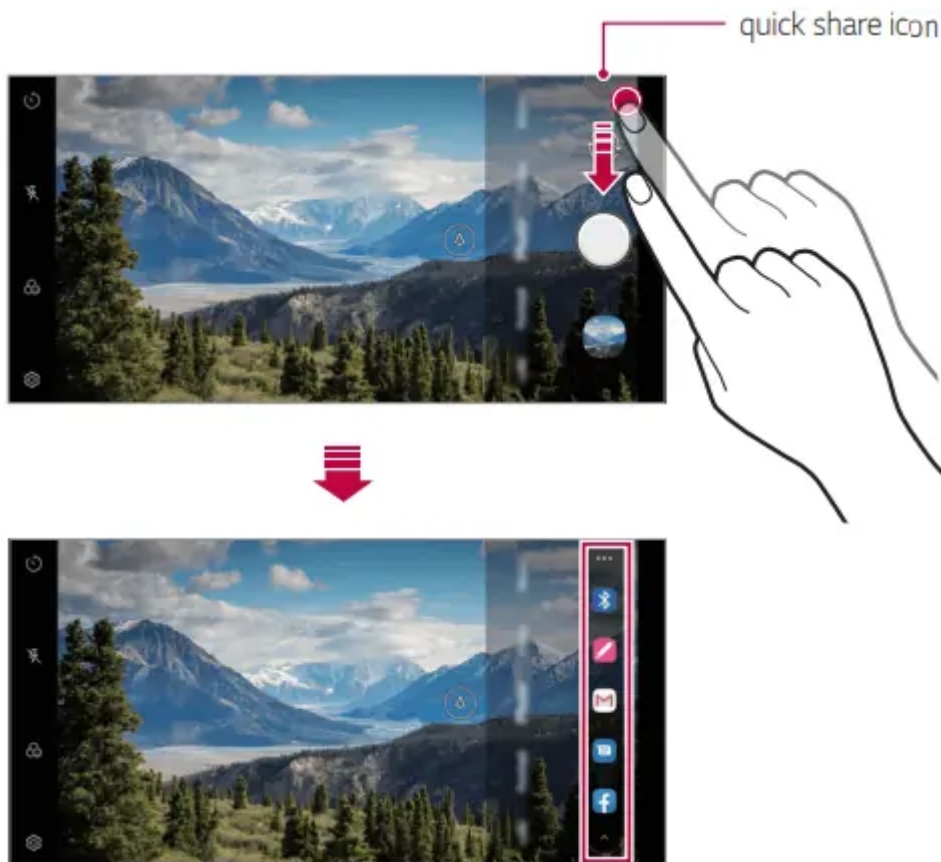
Save as flipped

Before taking a photo with the front camera, tap  > Save as flipped.
The image is flipped horizontally

quick share

You can share a photo or video using a desired app immediately after taking it.



1. Tap  >  , then take a photo or record a video.
2. Tap the app icon that appears on the screen to share it using that app. You can also swipe the icon towards the opposite direction to see what other apps you can use to share your photos and videos.



Gallery

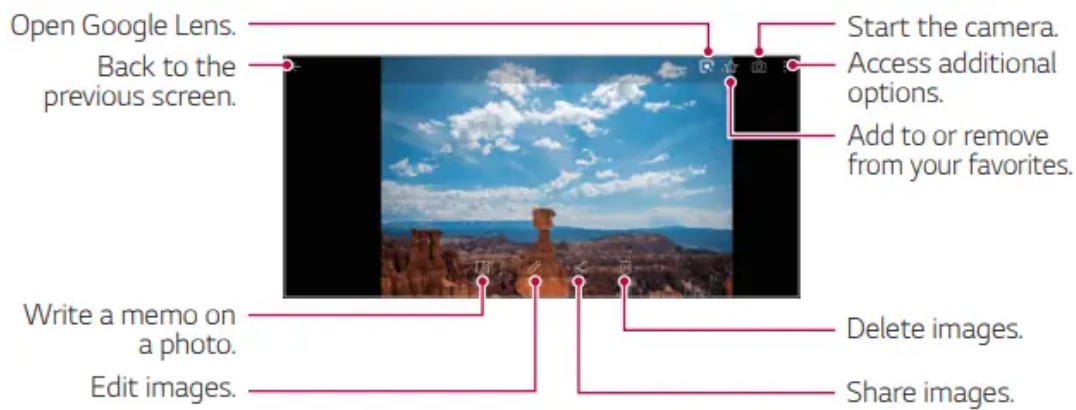
Gallery overview

You can view and manage photos and videos saved on your device.


1. Tap  >  .
 - Saved photos and videos are displayed by folder.
2. Tap a folder and select a file.

- View the selected file in full-screen mode.
- While viewing a photo, swipe left or right to view the previous or next photo.
- While viewing a video, swipe left or right to rewind or fast-forward the video.




Viewing photos



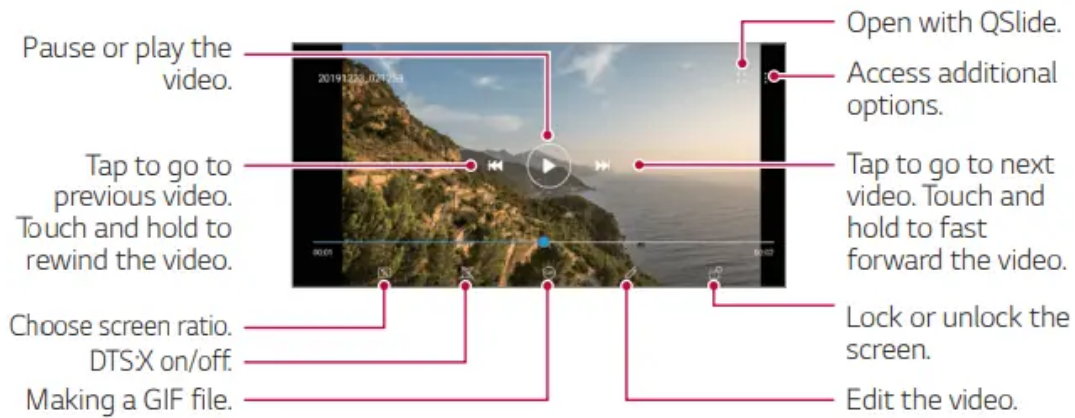
Writing a memo on the photo

1. While viewing a photo, tap .
2. Write a memo on the photo and tap **SAVE**.
 - The memo is applied to the photo.


Editing photos

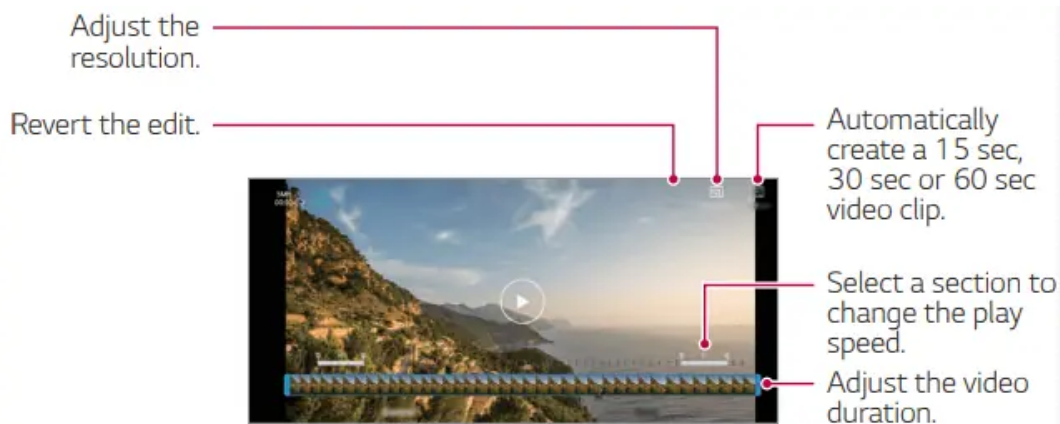
1. While viewing a photo, tap .
2. Use a variety of effects and tools to edit the photo.
3. Tap **SAVE** to save changes.
 - The changes are overwritten to the original file.
 - To save the edited photo as another file, tap   **Save copy**

Playing a video



Editing videos

1. While viewing a video, tap .
2. Use a variety of effects and edit tools to edit the video.



3. Tap Save to save changes

Creating a video


You can create a new video by putting images and videos together. See [Creating a movie](#) for details.

Making a GIF



You can easily make a GIF file using recorded video. See [Making a GIF](#) for details.

Deleting files

You can delete files by using one of the following options:


- Touch and hold a file from the file list, then tap Delete.
- Tap  in an album, select files to delete, then tap DELETE.


- Deleted files are automatically moved to Trash and they can be restored to Gallery within 7 days.


- In Gallery, tap  > Trash, then tap  to permanently delete the files. In this case, the files cannot be restored.

Sharing files

You can share files by using one of the following options:

- While viewing a photo, tap  to share the file by using a desired method.

- While viewing a video, tap  > Share to share the file by using a desired method.

- Tap  in an album to select files and share them using a desired method.

Chrome

Sign in to Chrome and import opened tabs, bookmarks and address bar data from a computer to your device.

Tap  > .

Google apps

You can use Google apps by setting a Google account. The Google account registration window appears automatically when you use a Google app for the first time. If you do not have a Google account, create one from your device. For details on how to use an app, see the Help section in the app.

Drive

Upload, save, open, share and organize files from your device. Files accessible from apps can be accessed from anywhere, including online and offline environments.

Gmail

Register your Google email account to your device to check or send email.

Google

Use the Google to search for web pages, images, news and more by entering or speaking keywords.

Maps

Find your location or the location of a place on the map. View geographical information.

Photos

View or share photos or albums saved on your device.

Play Movies & TV

Use your Google account to rent or purchase movies. Purchased contents can be played anywhere.

YT Music

Stream and browse playlists, albums, and artists from YouTube Music.

YouTube

Search and play videos. Upload videos on YouTube to share them with people around the world.


Keep Notes

Create, edit, and share your text and photo notes with Google Account.

Contacts


Contacts overview

You can save and manage contacts.

Tap  > Productivity > Contacts.


Adding contacts

Adding new contacts

1. On the contact list screen, tap .
2. Enter contact details and tap Save.

Importing contacts

You can import contacts from another storage device.

- 1 On the contact list screen, tap  > Manage contacts > Import.
- 2 Select the source and target locations of the contact you want to import, and then tap OK.
- 3 Select the vCard file(s) and tap Import.


Adding contacts to the speed dial list

1. On the contact list screen, tap  > Speed dial.

2. Tap Add contact from a speed dial number.
3. Select a contact.


Searching for contacts

You can search for contacts by using one of the following options:

- Tap  from the top of the contacts list and then enter the contact information or phone number.
- Scroll the contact list up or down.
- From the index of the contact list screen, tap the initial letter of a contact.


Contact list

Editing contacts

1. On the contact list screen, select a contact.
2. On the contact detail screen, tap  and edit details.
3. Tap Save to save changes.


Deleting contacts

You can delete contacts by using one of the following options:


- On the contact list screen, touch and hold a contact you want to delete, tap Delete contact, then tap Delete to confirm.
- Tap  > Delete on the contact list screen, select contacts you want to delete, then tap Delete.

Adding favorites

You can register frequently used contacts as favorites.

1. On the contact list screen, select a contact.
2. On the contact detail screen, tap .

Creating groups











1. On the Groups tab, tap .
2. Enter a new group name.
3. Tap Add members, select contacts, then tap Add.
- 4 Tap Save to save the new group.

QuickMemo+







QuickMemo+ overview

You can make creative notes by using a variety of options on this advanced notepad feature, such as image management and screenshots, which are not supported by the conventional notepad.


Creating a note


1. Tap  Productivity QuickMemo+.
2. Tap  to create a note.
 -  : Save a note.
 -  : Undo the previous edit.
 -  : Redo the recently deleted edits.
 -  : Enter a note by using the keypad.
 -  : Write notes by hand.
 -  : Erase handwritten notes.
 -  : Zoom in or out, rotate or erase the parts of a handwritten note.
3. Tap  to save the note.

Writing notes on a photo

1. Tap  > Productivity > QuickMemo+ > .
2. Tap  to take a photo, then tap OK. • The photo is automatically attached into the notepad.
3. Tap  or  to write notes on the photo.
 - Write notes by hand on the photo.
 - Enter text below the photo.
4. Tap  to save the note.





Writing notes on a screenshot

1. While viewing the screen you want to capture, drag the status bar downwards and then tap .

- The screenshot appears as the notepad background theme. Memo tools appear at the top of the screen.
2. Crop the image (if necessary) and take notes as desired.
 - Write notes by hand on the photo.
 3. Tap  and save the notes to the location of your choice.
 - Saved notes can be viewed in either QuickMemo+ or Gallery.
 - To save notes in the same location all the time, select the Use as default app checkbox before selecting an app.

Managing folders



You can view notes grouped by the type of the notes

1. Tap  > Productivity > QuickMemo+.
2. At the top of the screen, tap  and select a menu item:
 - All memos: View all notes saved in QuickMemo+.
 - My memos: View notes created by QuickMemo+.
 - Photo memos: View notes created by .
 - Capture+: View notes created by Capture+.
 - Trash: View deleted notes.
 - New category: Add categories.
 -  : Rearrange, add or delete categories. To change the name of a category, tap the category.

Clock


Alarm


You can set an alarm to trigger it at a specified time.

- 1 Tap  > Tools > Clock > Alarm.
- 2 Tap  to add a new alarm.
- 3 Configure the alarm settings and tap SAVE.

World clock


You can view the current time in cities around the world.

1. Tap  > Tools > Clock > World clock.

2. Tap  and add a city


Timer

You can set the timer to trigger an alarm after a specified period of time.

1. Tap  > Tools > Clock > Timer.
2. Set the time and tap Start.
 - To suspend the timer, tap Pause. To resume the timer, tap Resume.
3. Tap Stop to stop the timer alarm.

Stopwatch

You can use the stopwatch to record a lap time.



1. Tap  > Tools > Clock > Stopwatch.
2. Tap Start to initiate the stopwatch.
 - To record a lap time, tap Lap.
3. Tap Pause to suspend the stopwatch.
 - To resume the stopwatch, tap Resume.
 - To clear all the records and restart the stopwatch, tap Reset.

Calendar


Calendar overview

You can use the calendar to manage events and tasks.

Adding events

1. Tap  > Productivity > Calendar.
2. Select a date, tap , then tap Event.
3. Enter event details and tap SAVE.

Syncing events

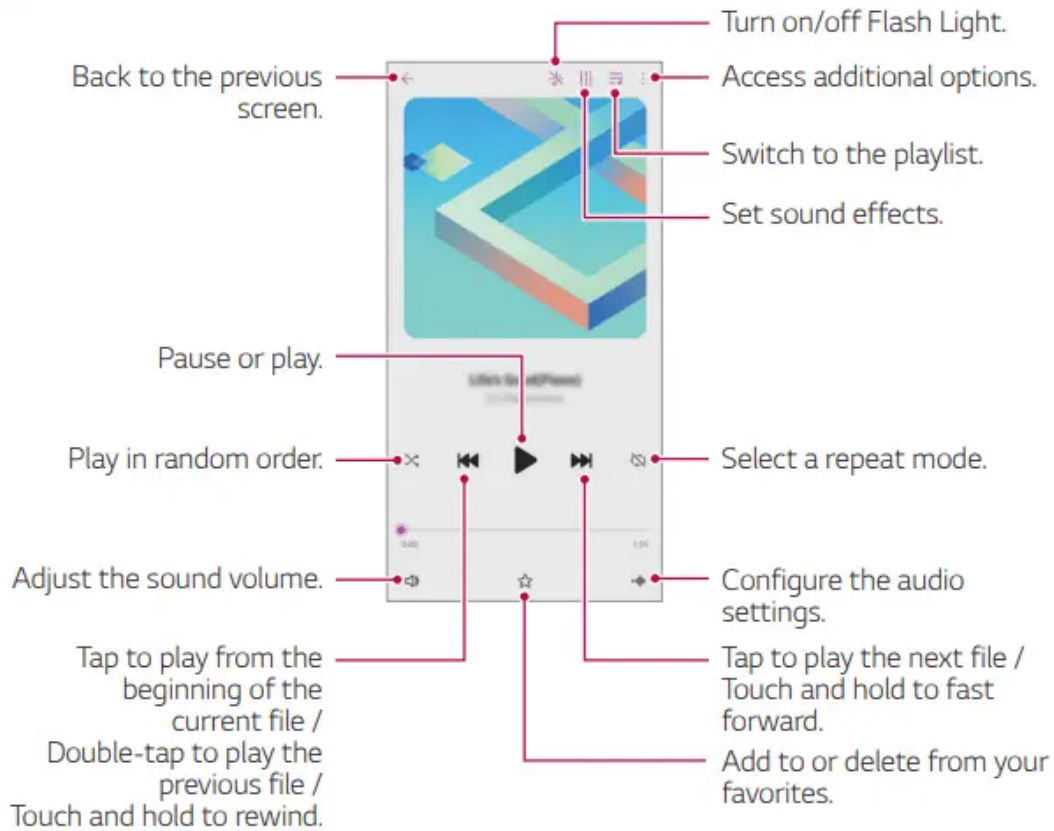
- Tap  > Calendars to sync and select a calendar to sync.

Music

You can play and manage songs or music albums.


1. Tap  > Media > Music.


2. Select a category.
3. Select a music file.



Calculator

You can use two types of calculators: the simple calculator and the scientific calculator

1. Tap  >Tools > Calculator.
2. Use the keypad to make a calculation.

- To restart a calculation, tap  .


FM Radio

You can listen to FM Radio.

Tap  >Media > FM Radio


Files

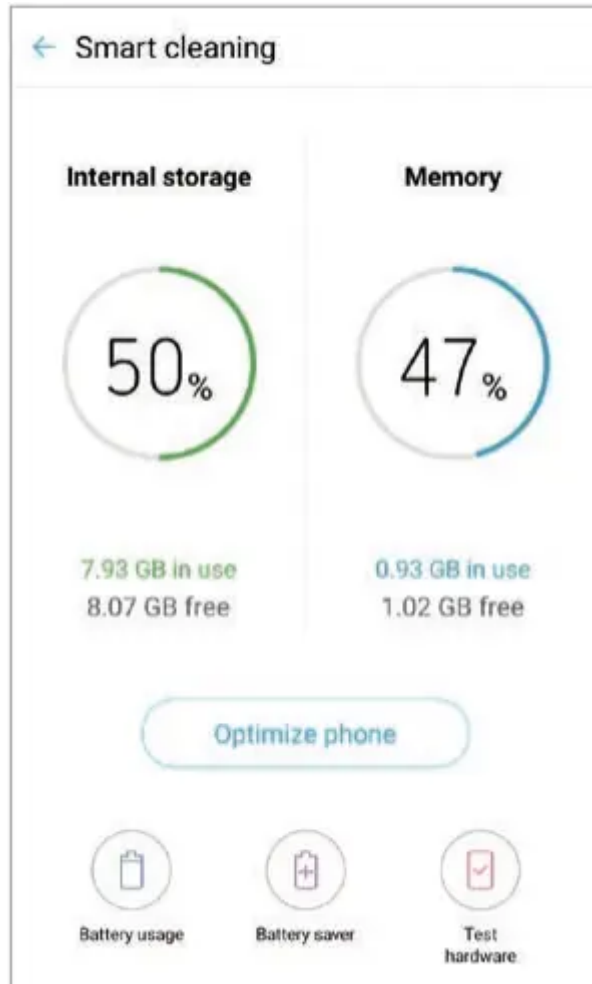
You can view and manage files saved on your device

Tap  >Productivity > Files

Smart cleaning



You can delete temporary files or apps that are no longer used.

1. Tap  > Tools > Smart cleaning.
2. On the Smart cleaning screen, you can access Optimize phone, Battery usage, Battery saver, and Test hardware.



FAQ

This chapter lists some problems you might encounter when using your phone. Some problems require you to call your service provider, but most are easy to fix yourself.

Message	Possible causes	Possible corrective measures
<i>SIM card error</i>	<i>There is no SIM card in the phone or it is inserted incorrectly.</i>	<i>Make sure the SIM card is correctly inserted.</i>
<i>No network connection/ Dropped network</i>	<i>Signal is weak or you are outside the carrier network.</i>	<i>Move toward a window or into an open area. Check the network operator coverage map.</i>
<i>No applications can be set</i>	<i>Not supported by service provider or registration required.</i>	<i>Contact your service provider.</i>
<i>Downloaded application causes a lot of errors.</i>	<i>Remove the application.</i>	<p>1.  Tap Settings.</p> <p>2. Tap Apps & notifications moderate-temperature App info.</p> <p>3.  Tap the app Uninstall.</p>
<i>Calls not available</i>	<i>Dialing error</i>	<i>New network not authorized.</i>
	<i>New SIM card inserted.</i>	<i>Check for new restrictions.</i>
<i>Device cannot be turned on</i>	<i>Battery is not charged.</i>	<i>Charge battery. Check the charging indicator on the display.</i>

Message	Possible causes	Possible corrective measures
<i>Charging error</i>	<i>Battery is not charged.</i>	<i>Charge the battery.</i>
	<i>Outside temperature is too hot or cold.</i>	<i>Make sure to charge the device in a moderate temperature environment.</i>
	<i>Contact problem</i>	<i>Check the charger and its connection to the device.</i>
	<i>No voltage</i>	<i>Plug the charger into a different outlet.</i>
	<i>Charger defective</i>	<i>Replace the charger.</i>
	<i>Wrong charger</i>	<i>Use only original LG accessories.</i>
<i>Number not allowed.</i>	<i>The Fixed dialing number function is on.</i>	<i>Check the Settings menu and turn the function off.</i>
<i>Files do not open</i>	<i>Unsupported file format</i>	<i>Check the supported file formats.</i>
<i>The screen does not turn on when I receive a call.</i>	<i>Proximity sensor problem</i>	<i>If you use a protection tape or case, make sure it has not covered the area around the proximity sensor. Make sure that the area around the proximity sensor is clean.</i>
<i>No sound</i>	<i>Vibration mode</i>	<i>Check the settings status in the sound menu to make sure the device is not in vibration or no interruptions mode.</i>

Message	Possible causes	Possible corrective measures
<i>Hangs up or freezes</i>	<i>Intermittent software/ hardware problem</i>	<p>Restarting the device</p> <p><i>If your device freezes or hangs, you may need to close apps or turn off the device and turn it on again.</i></p>
		<p>Performing a boot-up</p> <p><i>Press and hold the Power/Lock key and the Volume Down key for about 10 seconds to restart your device.</i></p>
		<p>Resetting the device</p> <p><i>If the methods above do not solve your problem, perform a factory data reset.</i></p> <p><i>On the settings screen, tap System</i></p> <p><i>> Restart & reset > Factory data reset.</i></p> <ul style="list-style-type: none"> <i>• Reset all settings for the device and delete data. Before performing the factory data reset, remember to make backup copies of all important data stored in the device.</i> <i>• If you registered a Google account to the device, you must sign in to the same Google account after resetting the device.</i>

Warning

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