HONOR 20

User Guide

HONOR

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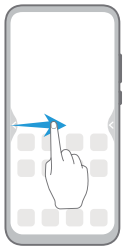
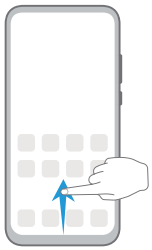
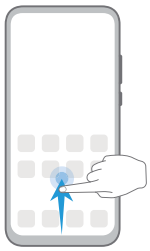
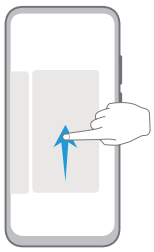
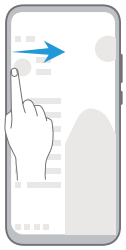
Essentials

Basic Gestures

Basic Gestures

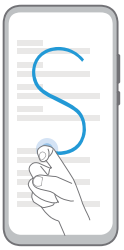
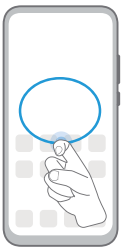
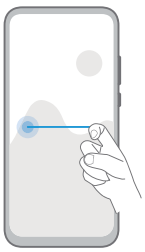
System Navigation Gestures

Go to **Settings** > **System & updates** > **System navigation** and select **Gestures**.

	**Back** Swipe inward from the left or right edges to return to the previous screen.
	**Back to the home screen** Swipe up from the bottom to go to the home screen.
	**View recent tasks** Swipe up from the bottom of the screen and hold to view recent tasks.
	**Close an app** On the Recent tasks screen, swipe up on an app preview to close the app.
	**Access in-app menus** In applicable third-party apps, swipe inward from the left or right edge near the top of the screen.

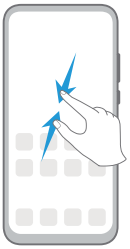
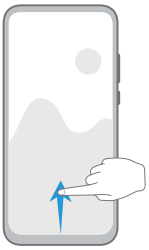
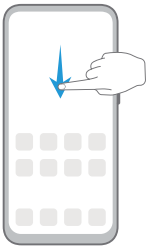
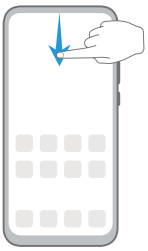
Knuckle Gestures

Go to **Settings** > **Accessibility features** > **Shortcuts & gestures** to enable **Take screenshot**, **Record screen**, and **Split screen**.

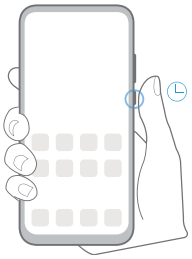
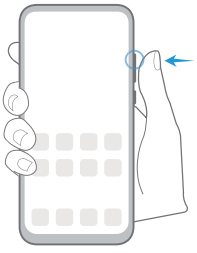
	**Take a screenshot** Knock twice on the screen with a knuckle to take a screenshot.
	**Take a scrollshot** Knock on the screen with a knuckle and draw an "S" to take a scrolling screenshot.
	**Capture part of the screen** Knock and draw an enclosed area with a knuckle to capture part of the screen.
	**Record screen** Knock twice on the screen with two knuckles to start or end a screen recording.
	**Split screen** Firmly draw a line across the screen with a knuckle to enter split-screen mode.

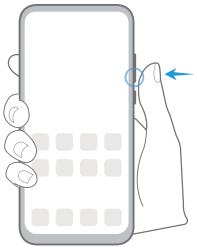
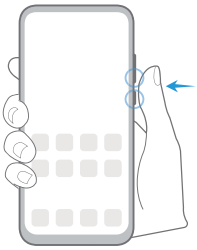
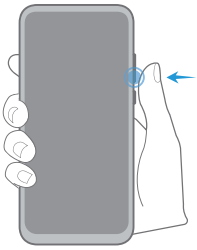
More Gestures

	**Split the screen** Swipe up on the screen with three fingers.

	**Access Home screen editing mode** Pinch two fingers together on the home screen.
	**Display the shortcut panel on the lock screen** Swipe up from the bottom of the lock screen.
	**Display the search bar** Swipe down on the home screen.
	**Open the notification panel** Swipe down from the status bar.

Button Shortcuts

	**Power off and restart** Press and hold the Power button until the **Power off** and **Restart** options appear.
	**Increase the volume** Press the Volume up button.

	**Decrease the volume** Press the Volume down button.
	**Take a screenshot** Press the Volume down and Power buttons simultaneously.
	**Ultra snapshot** Double-press the Volume down button when the screen is off or locked to take a photo.

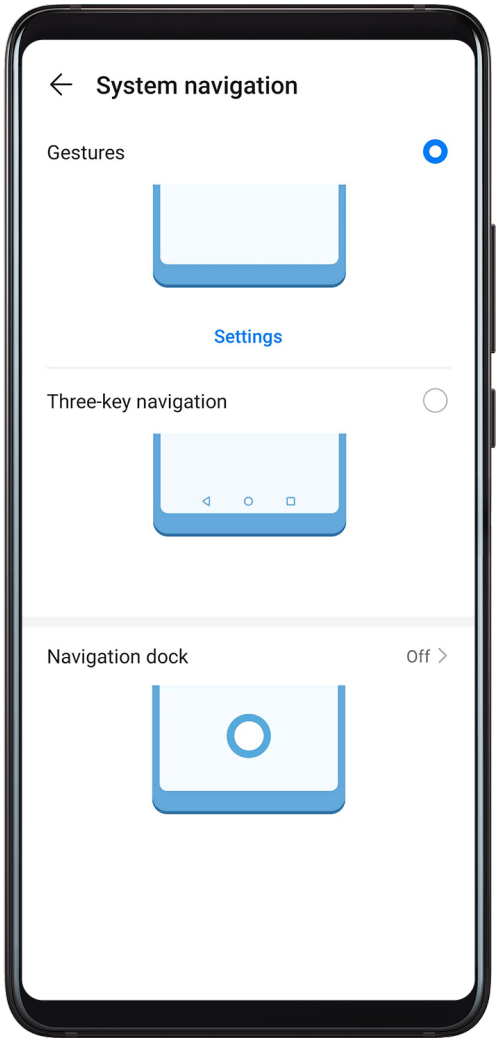
System Navigation

Change the Navigation Mode

Go to **Settings** > **System & updates** > **System navigation** to select a navigation mode according to your preferences.

Navigate with Gestures

Go to **Settings** > **System & updates** > **System navigation**, and enable or disable **Gestures**.

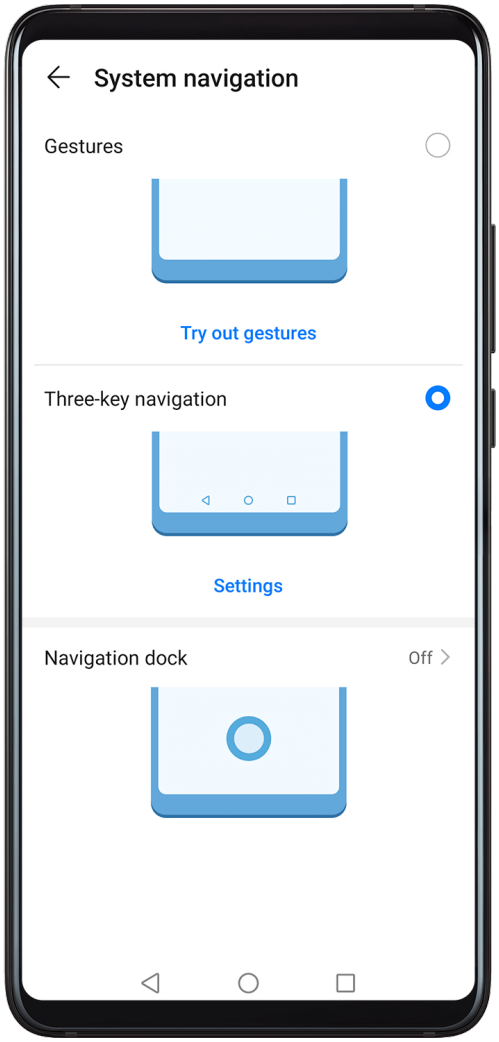


Once **Gestures** has been enabled, you can:

- Go back to the previous screen: Swipe inward from the left or right edge.
- Return to the home screen: Swipe up from the bottom of the screen.
- Access the recent tasks screen: Swipe up from the bottom of the screen and hold.
- Close an app from the recent tasks screen: Swipe up on an app preview.
- Access in-app menus: In applicable third-party apps, swipe inward from the left or right edge near the top of the screen.

Three-Key Navigation

Go to **Settings** > **System & updates** > **System navigation**, and select **Three-key navigation**.



Touch **Settings** to select the navigation key combination you prefer.

The icons on the navigation bar are as follows:

- : Back key to return to the previous screen, exit an app, or close the onscreen keyboard.
- : Home key to return to the home screen.
- : Recents key to display the recent tasks screen. Touch and hold it to access Split-screen mode.
- : Notification key to open the notification panel.

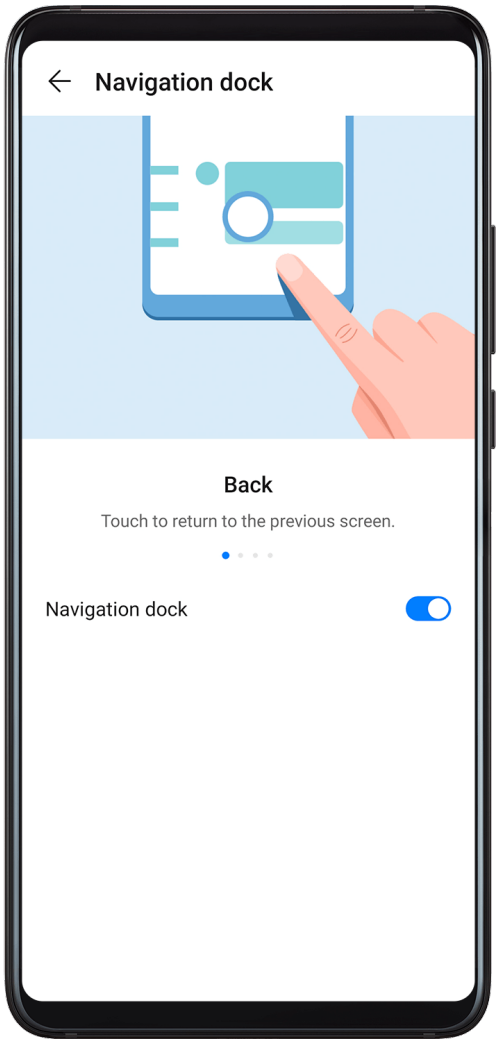
Customise the Navigation Key Combination

Go to **Three-key navigation** > **Settings**. You can:

- Select a navigation key combination.
- Enable **Hide navigation keys** to allow you to hide the navigation bar when not in use.

Navigation Dock

Go to **Settings** > **System & updates** > **System navigation** > **Navigation dock**, and enable **Navigation Dock**.



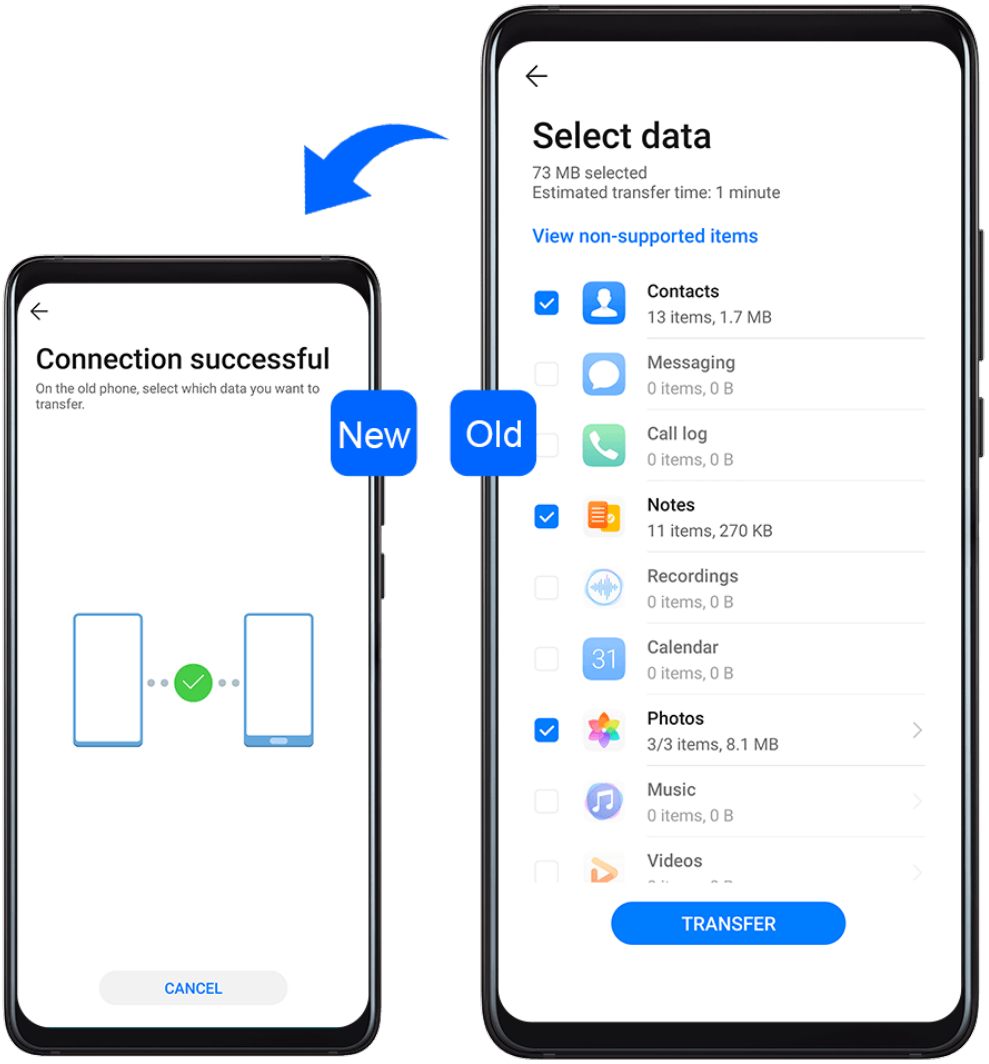
After the Navigation dock button appears, you can:

- Drag the button to your desired position.
- Touch the button to go back.
- Double-touch the button to go back two steps.
- Touch and hold the button, then release it to go back to the home screen.
- Touch and hold the button, then swipe left or right to view recent tasks.

Phone Clone

Phone Clone

Phone Clone lets you quickly and seamlessly move all the basic data (including contacts, calendar, images, and videos) from your old device to your new device.



Clone Data from an Android Device

1 On your new device, open **Phone Clone** (in the **Tools** folder by default). Alternatively, go to **Settings** > **System & updates** > **Phone Clone**, touch **This is the new phone**, then touch **Huawei** or **Other Android**.

2 Follow the onscreen instructions to download and install **Phone Clone** on your old device.

3 On your old device, open **Phone Clone** and touch **This is the old phone**. Follow the onscreen instructions to connect your old device with your new device by scanning a code or connecting manually.

4 On your old device, select the data you want to clone, then touch **Transfer** to start cloning.

Phone Clone is only available on devices running Android 4.4 or later.

Clone Data from an iPhone or iPad

1 On your new device, open **Phone Clone** (in the **Tools** folder by default). Alternatively, go to **Settings** > **System & updates** > **Phone Clone**, touch **This is the new phone**, then touch **iPhone/iPad**.

2 Follow the onscreen instructions to download and install **Phone Clone** on your old device.

3 On your old device, open **Phone Clone** and touch **This is the old phone**. Follow the onscreen instructions to connect your old device with your new device by scanning a code or connecting manually.

4 On your old device, select the data you want to clone, then follow the onscreen instructions to complete the data cloning.

Phone Clone is only available on devices running iOS 8.0 or later.

Lock and Unlock Your Screen

Lock and Unlock Your Screen

Lock the Screen

If your device remains inactive for a period of time, it will automatically lock the screen and enter sleep mode to save power.

Alternative, you can manually lock the screen in either of the following ways:

- Press the Power button.
- On the home screen, pinch two fingers together to enter screen editing mode. Touch **Widgets**, then drag the **Screen Lock** icon to the home screen. You can now touch the **Screen Lock** icon to lock the screen.

Set the Screen Timeout Period

Go to **Settings** > **Display & brightness** > **Sleep** and select a screen timeout period.

Enter the Password to Unlock the Screen

Once the screen is turned on, swipe from any position on the screen to display the password input panel. Then enter your lock screen password.

Use Face Unlock

Lift your device and align it with your face. Your device will unlock once your face is recognised.

Unlock Your Device with Your Fingerprint

Press an enroled finger against the fingerprint sensor to unlock your device.

Change the Lock Screen Display

Go to **Settings** > **Home screen & wallpaper**, touch **Lock screen signature**, then type text to display on the lock screen.

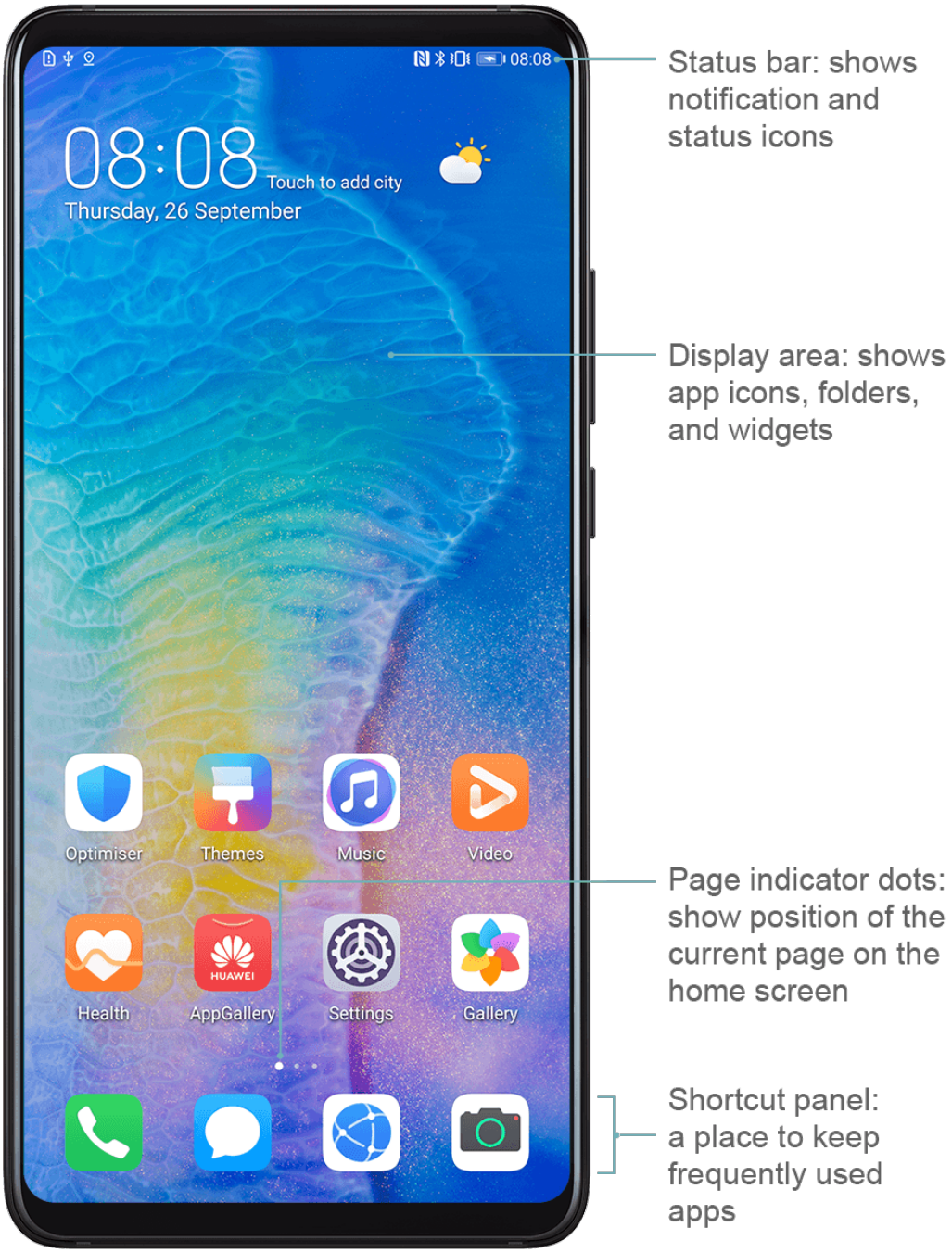
To remove the signature, touch **Lock screen signature** and delete the text.

Get Familiar with the Home Screen

Get Familiar with the Home Screen

From the home screen, you can:

- Check the status of your device and notifications from the status bar at the top of the screen.
- Swipe left or right to view apps and widgets displayed on the home screen.
- Swipe left to reach the leftmost screen, and enable HUAWEI Assistant so your device can provide you with smart notifications on this screen.



Notification and Status Icons

Notification and Status Icons

Network status icons may vary according to your region or network service provider. Supported functions vary according to the device model. Some of the following icons may not be applicable to your device.

	5G network connected		4G network connected
	3G network connected		2G network connected
	Full signal strength		Roaming
	Data saver enabled		SIM card not found
	Hotspot enabled		Hotspot connected
	Calling		VoLTE enabled
	Wi-Fi network connected		SkyTone in use
	Hotspot disconnected		Network being switched by Wi-Fi +
	Airplane mode enabled		Alarms set
	Battery empty		Battery low
	Charging		Quick charging
	Super charging		Power saving mode enabled
	Bluetooth enabled		Bluetooth device battery
	Bluetooth device connected		VPN connected
	Driving mode		Projection device connected
	Location service enabled		Eye comfort mode enabled
	Headset connected		Headset with a microphone connected
	Missed call		Unread SMS
	Microphone disabled		Muted

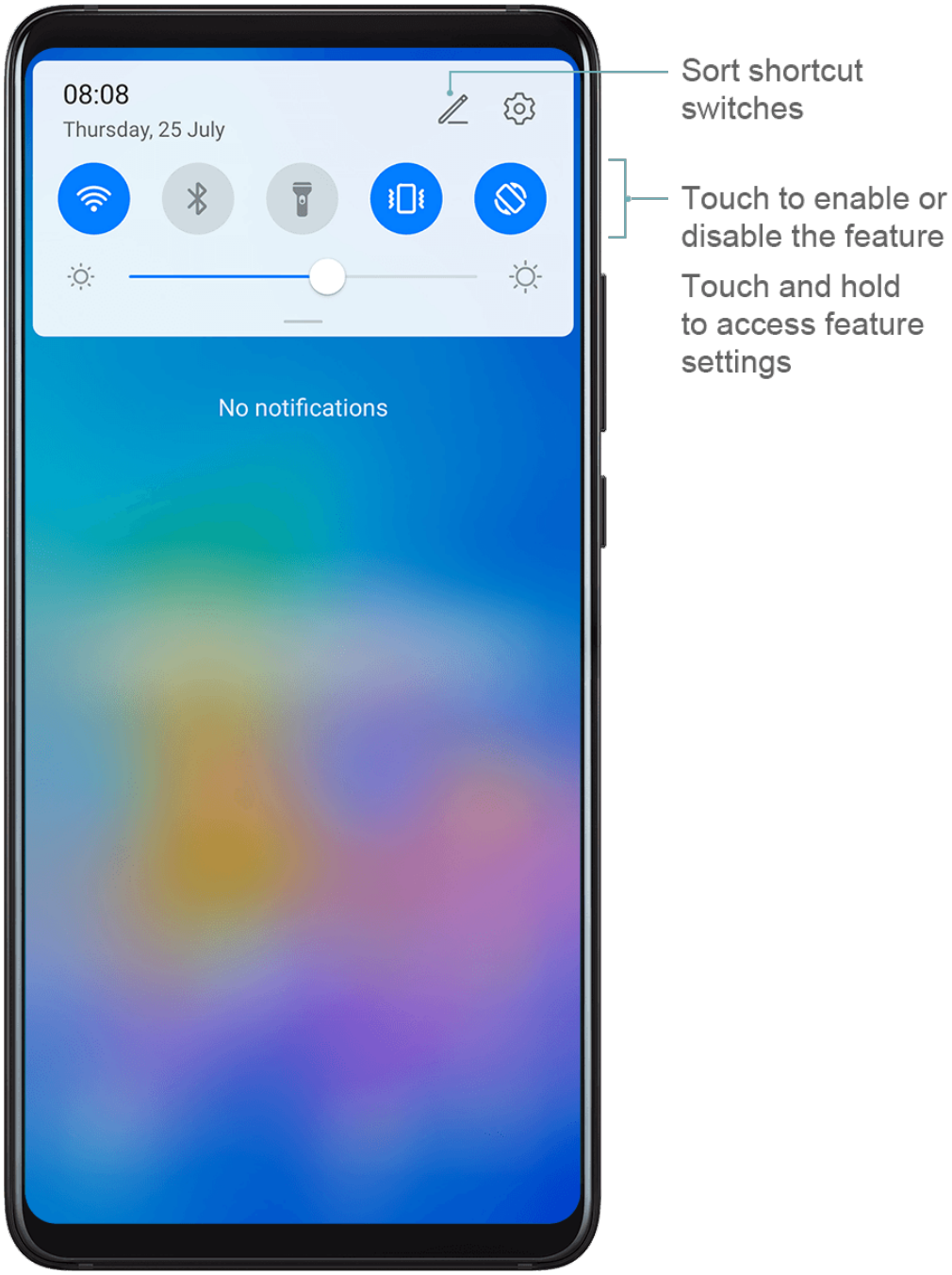
	More notifications		Vibrate only
	NFC enabled		Do Not Disturb mode enabled
	Data syncing		Data sync failed
	Performance mode enabled		New emails
	Event reminders		Digital balance enabled

Shortcut Switches

Shortcut Switches

Turn on a Shortcut Switch

Swipe down from the status bar to open the notification panel, then swipe down on it again to show all shortcuts.



- Touch a shortcut switch to enable or disable the corresponding feature.
- Touch and hold a shortcut switch to enter the settings screen for that feature.
- Touch to open Settings.

Customise Shortcut Switches

Touch and drag icons to rearrange them.

Home Screen Widgets

Home Screen Widgets

You can add, move, or delete home screen widgets, such as Screen lock, Weather, Notepad, Clock, Contacts, and Calendar, according to your personal requirements.

Add a Widget to the Home Screen



1 Pinch two fingers on the home screen to access Home screen settings mode.

2 Touch **Widgets**, then swipe left to view all widgets.

3 Some widgets, like **Weather**, come in various formats. Touch the widget to view all formats, then swipe right to return.

4 Touch a widget to add it to the home screen. If there is no room on the current screen page, touch and hold it, then drag it to a different screen page.

Move or Delete a Widget

Touch and hold a widget on your home screen until your device vibrates, then drag it to the desired position or touch **Remove**.

Set Your Wallpaper

Set Your Wallpaper

Use a Preset Wallpaper

1 Go to **Settings** > **Home screen & wallpaper** > **Wallpaper**.

2 Touch an image you want to set as the wallpaper.

3 Set the following according to your preferences:

- **Blur**: applies a blur effect, which can be adjusted by dragging the slider.
- **Scrollable**: enables the wallpaper to be scrollable on the home screen.

4 Touch ✓, then determine whether you'd like to set the image as **Lock screen**, **Home screen**, or both.

Set an Image from Gallery as Your Wallpaper

1 Open **Gallery**, and open the image you want to set as your wallpaper.

2 Go to ⋮ > **Set as** > **Wallpaper**, then follow the onscreen instructions to complete the setting.

Screenshots & Screen Recording

Take a Screenshot

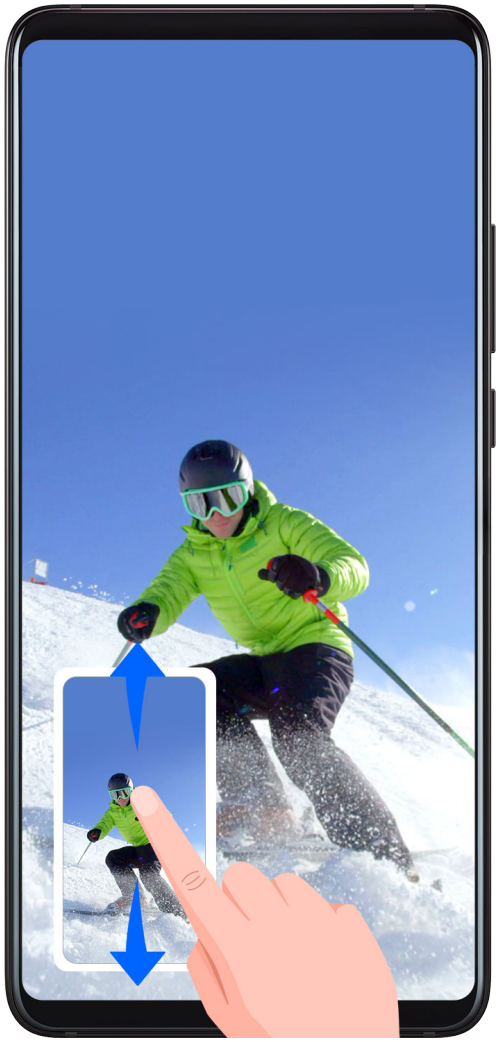
Use a Key Combination to Take a Screenshot

Press and hold the Power and Volume down buttons simultaneously to take a screenshot.

Use a Shortcut to Take a Screenshot

Swipe down from the status bar to open the notification panel, then swipe down on it again to show all shortcuts. Touch to take a screenshot.

Share and Edit a Screenshot, or Switch to Scrollshot



After you take a screenshot, a thumbnail will display in the lower left corner of the screen. Then you can:

- Swipe down on the thumbnail to take a scrolling screenshot.
- Swipe up on the thumbnail to select a sharing mode and share the screenshot with your friends.
- Touch the thumbnail to edit or delete it.

Screenshots are saved to **Gallery** by default.

Use Your Knuckle to Take a Scrolling Screenshot



1 Knock the screen with a knuckle and hold to draw an "S". The screen will automatically scroll down to the bottom for you to capture the entire page.

2 You can touch the screen at any point to stop the screenshot.

Record the Screen

Record your screen activities in sharable videos to compose a tutorial, show off your awesome gaming skills, and a lot more.



Use a Key Combination to Start Screen Recording

Press and hold the Power and Volume up buttons simultaneously to start screen recording. To stop recording, press and hold both buttons again.

Use a Shortcut to Start Screen Recording

1. Swipe down from the status bar to open the notification panel, then swipe down on it again to show all shortcuts.
2. Touch **Screen Recorder** to start screen recording.
3. To stop the recording, touch the timer at the top of the screen.
4. The recording will be saved to **Gallery**.

Record Your Voice During Screen Recording

You can enable the microphone to record your voice while recording the screen.

Once you have started a screen recording, touch the microphone icon and ensure that it is displayed as . Then your voice can be recorded as well.

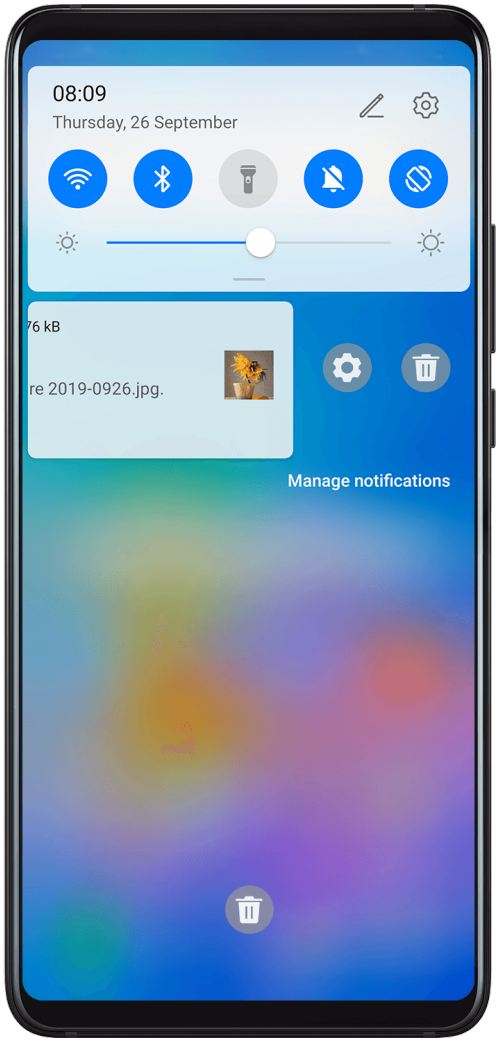
If the microphone is disabled (i.e. if it is displayed as), you will only be able to record system sounds (such as gameplay sounds). If you want the screen to be recorded in silence, mute your device before starting the screen recording.

View and Clear Notifications

View and Clear Notifications

View Notifications

When there is a notification reminder, you can turn on the screen and swipe down from the status bar to open the notification panel and view the notification.



Clear Notifications

- Swipe right on a notification reminder to clear the notification.
- Touch at the bottom of the notification panel to clear all notifications.

Block or Delay Notifications

Swipe left on a notification, then touch to block or delay notifications from that source.

Some system notifications can't be blocked.

Adjust Sound Settings

Adjust Sound Settings

Press a Volume Button to Adjust the Volume

Press the Volume up or down button to adjust the volume.



Press the Power Button to Mute Your Device When It Rings

When your device rings for an incoming call or alarm, you can press the Power button to mute it.

Flip to Mute or Raise to Reduce Ringing Volume

When you receive an incoming call, you can flip your device to mute it, or raise it to reduce the ringing volume.

Go to **Settings** > **Accessibility features** > **Shortcuts & gestures** > **Mute ringtone/ Reduce volume**, then enable **Flip to mute ringtone** and **Raise to lower volume**.

Set the Default Volume

Go to **Settings** > **Sounds & vibration**, then you can set the volume for the following items:

- Media (video, games, music, and more)
- Ringtones
- Alarms
- Calls

Use a Shortcut to Switch Between Ring, Vibrating, or Mute Mode

1 Swipe down from the status bar to open the notification panel, then swipe down on it again to show all shortcuts.

2 Touch the **Sound**, **Silent**, or **Vibration** icon to switch between different modes.

Enter Text

Edit Text

You can select text displayed on your screen, copy or cut it to the clipboard, then paste it somewhere else. You can also share it in multiple ways.

1 Touch and hold the text until appears.

2 Drag and to select the text you need, or touch **Select all** to select all the text.

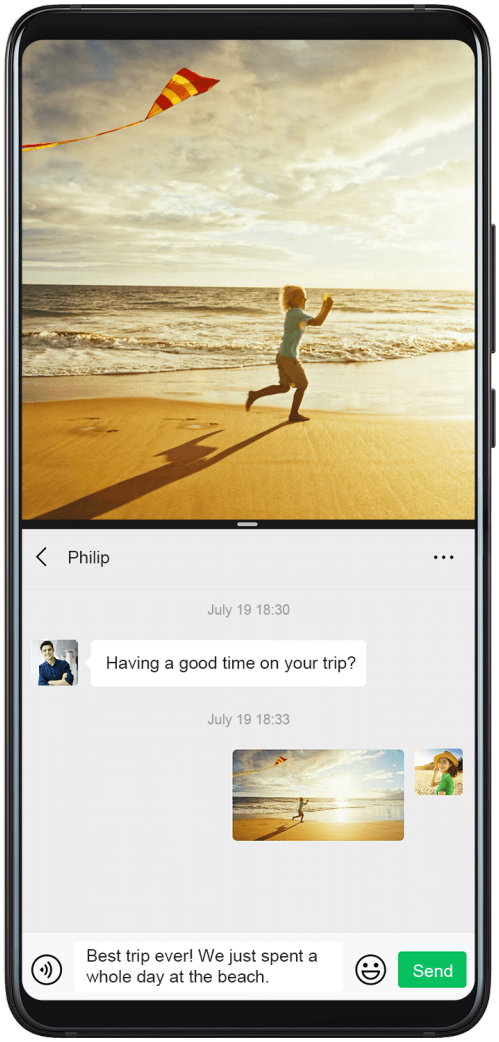
3 Touch **Copy** or **Cut** according to your requirement.

4 Touch and hold the point where you want to paste the text, then touch **Paste**.

Split-screen Mode & Floating Window

Split-screen Mode

You can split the screen of your device to use two apps simultaneously.



Enable Split-screen Mode

1 Open an app.

2 Enable split-screen mode using any of the following methods:

- Swipe up from the middle of the screen with three fingers.
- When using gesture navigation, swipe up from the bottom of the screen and hold to enter the Recent tasks screen. Then touch ▭.
- When using three-key navigation, touch and hold the □ key.

3 Open the other app to start multitasking.

Adjust the Size of the Split-screen Panes

Drag ▬ in the middle of the split screen line to the desired position on the screen.

Disable Split-screen Mode

Touch ▬ in the middle of the split screen line, then touch ✕.

Power On and Off or Restart Your Device

Power On and Off or Restart Your Device

Power Your Device On and Off

To power off your device, press and hold the Power button for a few seconds, touch **Power off** and **Touch to power off**.

To power on your device, press and hold the Power button for a few seconds until your device vibrates and displays the logo.

Restart Your Device

Restart your device on a regular basis to clear the cache and keep the device in an optimal state. A restart can sometimes resolve the issue when your device encounters a problem.

Just press and hold the Power button for a few seconds, then touch **Restart** and **Touch to restart**.

Force Restart Your Device

If your device isn't working or won't turn off normally, you can force restart it.

Just press and hold the Power button for 10 seconds or longer.

Charging

Charge Your Device

Your device will alert you when it is running out of power. Please make sure to charge your device in time to prevent it from turning off automatically when the power runs out.

Precautions for Charging

- Charge your device using the standard adapter and USB cable that came with your device. Using other chargers or USB cables may cause repeated restarts, slow charging, overheating, or other undesirable effects.
- Your device will automatically run a safety check when a charger or other device is connected to the USB port. If moisture is detected in the USB port, your device will automatically activate safety measures and stop charging. Disconnect your device from the USB port and wait until the USB port is dry.
- The time required to fully charge the battery depends on the ambient temperature and age of the battery.
- Batteries have a limited number of charge cycles. When the battery life becomes noticeably shorter, go to an authorised Huawei Customer Service Centre to replace the battery.
- Do not cover your device or charger during charging.
- Your device may heat up when you have been using it for an extended period of time, especially in high temperatures. In this case, stop charging, disable some features, and move your device to a cool place.

- Please do not use your device while it is charging.
- If your device does not respond after you press and hold the Power button, the battery may have run out. Charge for 10 minutes and then power it on.

Using the Charger that Came with Your Device

1 Use the USB cable that came with your device to connect your device and the adapter.

2 Plug the adapter into a power socket.

Charging Your Device With a PC

1 Connect your device to a PC or other device using a USB cable.

2 When the **Use USB to** dialog box is displayed on your device, touch **Charge only**.
If another option has been set previously, the dialog box will not pop up. Swipe down from the status bar to open the notification panel, touch **Settings**, then select **Charge only**.

Overview of Battery Icons

You can check the battery level from the battery icon on the device screen.

Battery Icon	Battery Level
	Less than 4% battery remaining
	Charging, less than 10% battery remaining
	Charging, 10% to 90% battery remaining
	Charging, at least 90% battery remaining If 100% is displayed next to the battery icon, or a charging complete message is displayed on the lock screen, the battery is fully charged.

Smart Features

Huawei Share

Huawei Share

Huawei Share is a wireless sharing technology that allows you to quickly transfer images, videos, documents, and other types of files between devices. This technology relies on Bluetooth to discover nearby devices, and uses Wi-Fi Direct to transfer files without using mobile data.

Enable or Disable Huawei Share

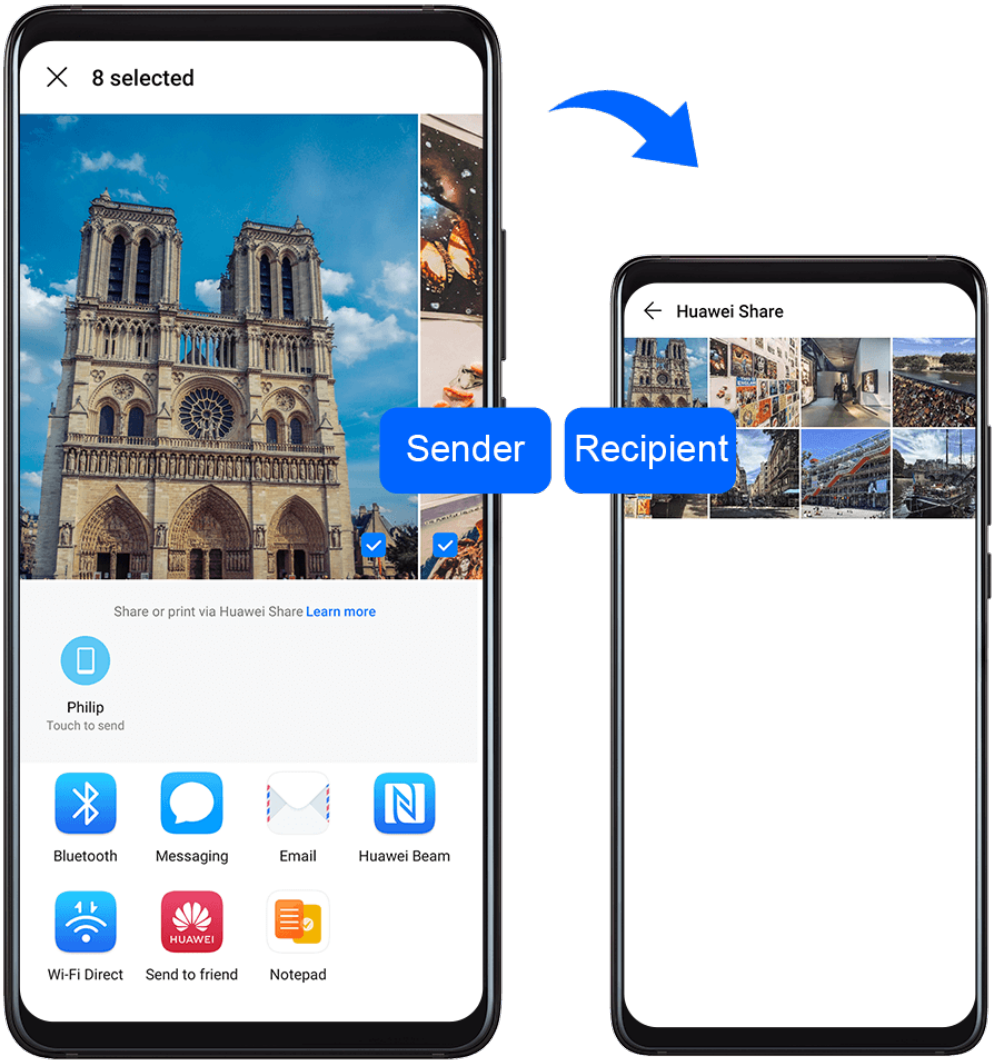
You can enable or disable Huawei Share in either of the following ways:

- Swipe down from the status bar to open the notification panel, then touch to enable or disable **Huawei Share**. Touch and hold the switch to enter the **Huawei Share** settings screen.
- Go to **Settings** > **More connections** > **Huawei Share**, enable or disable **Huawei Share**.

Enabling Huawei Share automatically turns on Wi-Fi and Bluetooth.

Quickly Share Files Between Devices

You can use Huawei Share to quickly share files between Huawei devices. The recipient can preview the files before they are sent, then view the full content of the files once they have been received. For example, the recipient can view received pictures or videos in Gallery.



1 On the receiving device, enable **Huawei Share**.

2 On the sending device, touch and hold the file you want to share, then go to **More** > **Share** or touch . Touch **Huawei Share**, then touch the name of the receiving device to send the file.

The exact operations may vary if you are sharing files directly from apps.

3 On the receiving device, touch **ACCEPT** to accept the transfer.

To view the received files, go to **Files**, select the **Categories** tab, then go to **Internal storage** > **Huawei Share**.

Received pictures or videos can also be found in **Gallery** > **Albums** > **Huawei Share**.

Share Files Between Your Device and Computer

You can use Huawei Share to quickly and easily share files wirelessly between your device and a computer.



1 Make sure your device and computer are connected to the same Wi-Fi network.

If the computer is a MagicBook (PC Manager earlier than version 9.1), this is not necessary. All you need to do is make sure its Wi-Fi and Bluetooth switches are enabled.

2 On your device, enter the **Huawei Share** settings screen, and enable **Huawei Share** and **Computer share**.

3 Record the **Name shown on computers** and the user name and password under **Verification on computers**.

4 On your computer, go to:

- Windows: **Computer** > **Network**
- iOS (iOS 10.8 or later): **Finder** > **Go to** > **Network**

5 On your computer, double-click the name of your device, and enter the user name and password recorded earlier.

6 Open a folder of your device such as the Internal storage folder, then view, edit, or copy files from the folder to the computer, or copy files from the computer to this folder to store them in your device.

You can also edit the files in this folder on your computer, and the changes will be synced to your device automatically. Similarly, if you edit any files on your device, the changes will be synced to your computer as well.

One-Touch Printing with Huawei Share

When a printer that supports Huawei Share is nearby, you can use Huawei Share to find the printer and print out pictures or PDF files from your device.



1 Depending on the type of printer, ensure the following:

- Wi-Fi capable printers: The printer must be powered on and connected to the same network as your device.
- Wi-Fi Direct capable printers: The printer must be powered on and have Wi-Fi Direct enabled.
- Bluetooth capable printers: The printer must be powered on and discoverable.

2 On your device, preview the file to be printed, then go to **Share** > **Huawei Share**.

3 Once the printer has been discovered, touch its name on your device, and adjust settings on the preview screen. Then touch **PRINT** to print.
If you are connecting a Bluetooth printer to your device for the first time, find the printer on your device, touch the printer name, then press and hold the Power button on the printer for about 1 second to confirm the connection.

For a list of supported printers, touch **Learn more** on the Huawei Share sharing screen, swipe left on the screen, then touch **What printers are supported?** to see the list.

Smart Features

Easy Projection

Wireless Projection

You can connect your device to an external display (for example, a TV) wirelessly.



1 Based on the model and functions of your external display, do the following:

- If the external display supports Miracast, enable wireless projection on it.
- If not, use a wireless HDMI adapter to connect your device and external display. Ensure that the wireless HDMI adapter is connected to a power supply.

To check whether your external display supports Miracast and how to enable wireless projection on it, consult the user guide or customer service of the external display manufacturer.

2 Swipe down from the status bar to open the notification panel, then touch to turn on **Wi-Fi**.

3 Swipe down further on the notification panel to enable **Wireless Projection**. Your device will now search for the external display or the wireless HDMI adapter.

Alternatively, go to **Settings** > **More connections** > **Easy Projection** and enable **Wireless Projection**.

4 Touch the name of the external display or the wireless HDMI adapter on the search result list to start projecting.

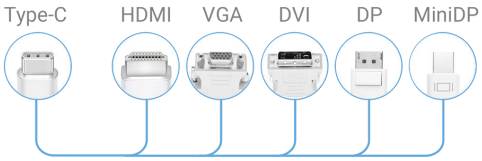
Wired Projection

You can connect your device to an external display (for example, a TV) using a wired connection.

It is recommended that you purchase the accessories recommended or specified by Huawei from authorised sources.

Projection Using a Type-C Cable

1 Prepare a Type-C cable.
Use a Type-C to HDMI, Type-C to DP, or Type-C to MiniDP cable depending on your external display.



2 Connect the Type-C end to your device and the other end to the external display.



3 On the external display, set the corresponding HDMI, DP, or MiniDP input as the signal source.

Projection Using a Docking Station

If you need to connect your device to an external display and use a wired mouse and keyboard, use a docking station with a USB port.

1 Prepare a docking station.
Multiple types of ports are available on a docking station. If your external display supports HDMI and you need to use a wired mouse and keyboard, use a docking station with at least one HDMI port and two USB ports.



2 Connect your device and the external display through the docking station, then connect the wired mouse and keyboard to the docking station.



3 On the external display, set the corresponding HDMI, DP, or MiniDP input as the signal source.

Desktop Mode

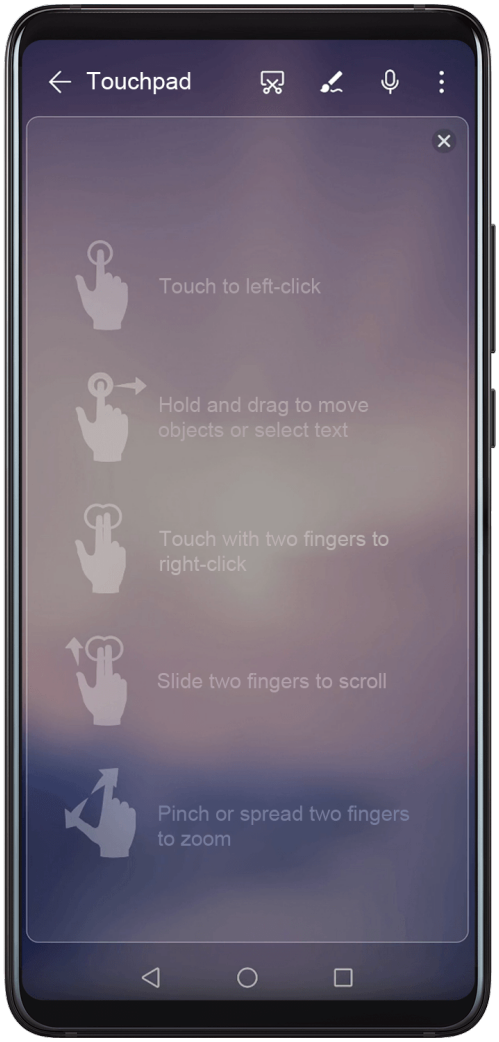
For enhanced work efficiency, project your device's content onto an external display, swipe down from the status bar to open the notification panel, then enable **DESKTOP MODE**.

In **DESKTOP MODE**, the display of your device will be arranged in a desktop layout, and operations on your device won't affect what's on the external display. For example, you can edit a document on the external display while chatting on your device. You don't need to worry about missing notifications, calls, or messages, as a red dot will appear on the notification panel on the external display to keep you informed.

Use Your Device as a Touchpad

Swipe down from the status bar to open the notification panel, then touch **TOUCHPAD**. You can now do the following:

- Use gestures as instructed to simulate mouse commands.



- When no external keyboard is connected, click the text input box on the external display to bring out the onscreen keyboard to input text.
  If an external keyboard is connected, the onscreen keyboard will not be available. In this case, you need to use the external keyboard to input text.

Project Your Device to an External Display to Facilitate Your Work

In **DESKTOP MODE**, you can use the following features:

- Multiple windows: Open more than one window at a time to multitask.
- File management: Save files to the desktop, create files or folders, and rename or delete files.
- Quick search: Search for documents, multimedia files, and apps using the start menu search box.
- Create app shortcuts: From the start menu, touch and hold an app and then drag it to the desktop to create a shortcut. You can also right-click an app icon and select the option to create an app shortcut on the desktop.
- Audio output: Touch the audio output icon on the status bar, then select the external display or your Device as the audio output device.
- App projection: Touch and hold an app icon on your device to view the projection options. You can now project and open the app on the external display.
- Highlighter: Use the highlighter feature to mark projected content using the touchpad.

Exit Desktop Mode

Swipe down from the status bar to open the notification panel, then touch **PHONE MODE**.

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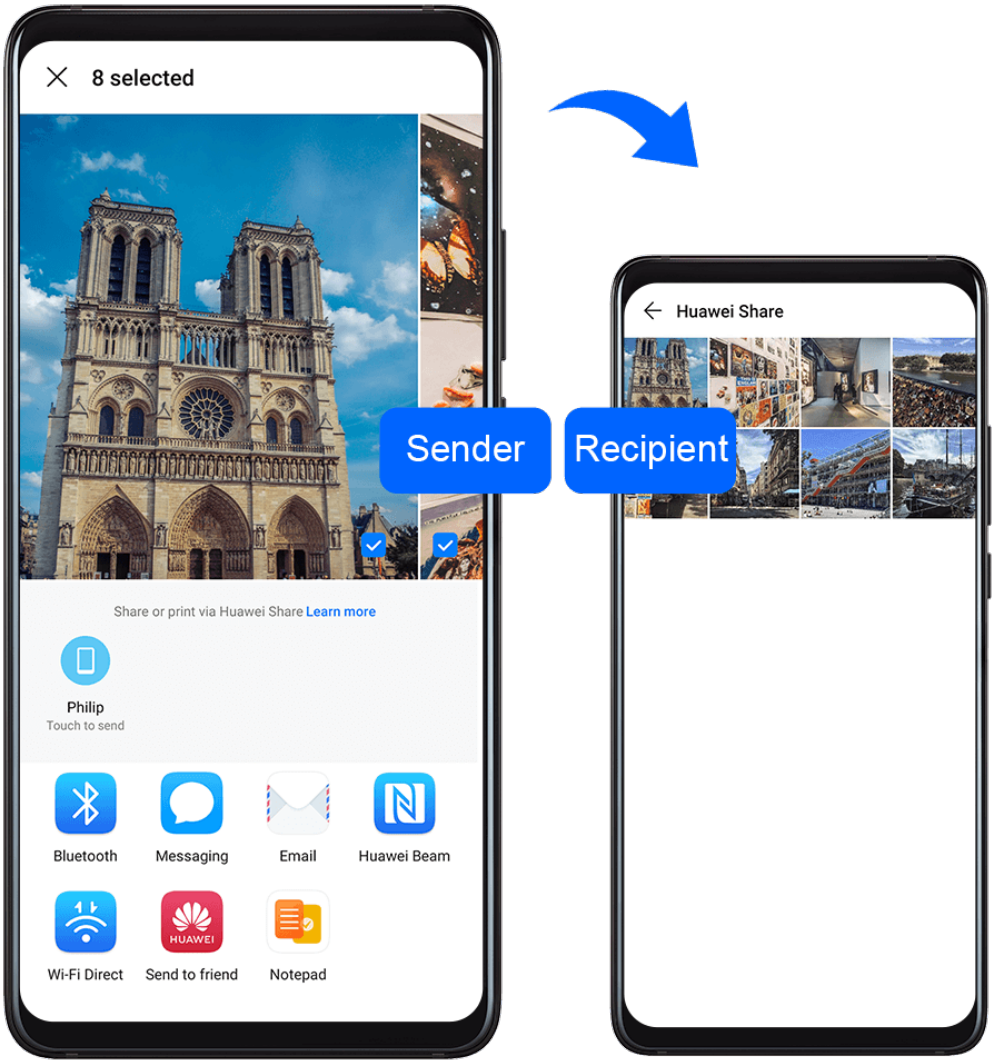
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- Bluetooth capable printers: The printer must be powered on and discoverable.

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3 Once the printer has been discovered, touch its name on your device, and adjust settings on the preview screen. Then touch **PRINT** to print.
If you are connecting a Bluetooth printer to your device for the first time, find the printer on your device, touch the printer name, then press and hold the Power button on the printer for about 1 second to confirm the connection.

For a list of supported printers, touch **Learn more** on the Huawei Share sharing screen, swipe left on the screen, then touch **What printers are supported?** to see the list.

Camera and Gallery

Launch Camera

Launch Camera

There are multiple ways to open the Camera app.

From the Home Screen

From the home screen, open **Camera**.

From the Lock Screen

When the screen is locked, turn on the screen, then swipe up on the camera icon in the lower right corner to open the camera.

Using Ultra Snapshot

When enabled, simply double-press the Volume down button to open the camera when the screen is off.

1 Open **Camera**.

2 Go to > **Ultra snapshot** and select **Open Camera** or **Take a snapshot**.

3 Now you can access the camera by double-pressing the Volume down button when the screen is off.

Take Photos

Take Photos

Use Burst mode to take a sequence of photos in quick succession so you can choose the best one.

Burst shooting is only available when using the rear camera.

1 Open **Camera** and select **Photo** mode.

2 Touch and hold or press and hold one of the Volume buttons to take a burst photo. When shooting, you'll see a counter, which indicates how many photos you've taken so far.

3 Lift your finger to stop shooting.

Once you have finished, select photos you want to keep from the burst.

1 Open **Gallery**.

2 Touch a burst photo (which will be tagged with), then touch .

3 Swipe through the burst photos, select the ones you want to keep, then touch and follow the onscreen instructions.

4 To delete the whole burst photo, touch and hold to select the photo, then touch .

Take Timed Photos

The camera timer allows you to set a time delay so you can get into position after you have touched the shutter button.

1 Open **Camera**.

2 Go to > **Timer** and select a delay option.

3 Return to the viewfinder and touch the shutter button. Your device will take a photo when the countdown ends.

Use Audio Control to Take Photos

You can use your voice to take photos without having to touch the shutter button.

1 Open **Camera**.

2 Go to > **Audio control**, enable **Audio control**, and select an audio control option.

3 Go back to the viewfinder, then say your command to take a photo.

Shoot in Portrait, Night, and Wide Aperture Modes

Shoot in Portrait, Night, and Wide Aperture Modes

Use Portrait Mode to Shoot Portraits

Portrait mode lets you apply beauty, lighting, and blur effects to your photos to shoot stunning portraits.



1 Open **Camera** and select **Portrait** mode.

2 Frame your subject in the viewfinder.

To take a selfie, touch .

3 You can also:

- Enable beauty effect: Touch and drag the slider to adjust beauty settings. A larger value will produce a more distinct beauty effect. To disable the beauty effect, drag each setting to its lowest value.
- Set blur and lighting effects: Touch and select blur and lighting effects to your liking.

4 Touch to take a photo.

Take Night Shots

Night mode resolves the limitations of low light and night shooting to give your photos sharper details and brighter colours.

You can also use Night mode when shooting backlit subjects and scenes of flowing water, such as waterfalls, to create better contrast or a smooth, silky water effect.

1 Open **Camera** and select **Night** mode.

2 On the viewfinder, touch ISO to adjust the ISO sensitivity or S to adjust the shutter speed.

3 Keep your device steady and touch .

4 Your device will adjust the exposure time based on the ambient brightness. Keep your device steady and keep shooting until the countdown finishes or your photos may come out blurry.

Shoot Wide Aperture Photos and Videos

Wide aperture mode allows you to shoot photos and videos where the background is blurred while your subject remains in sharp focus.

1 Open **Camera** > **More** and select **Aperture** mode.

2 Touch where you want to focus. For best results, your device needs to be within 2 meters (about 7 ft.) of your subject.

3 Touch in the viewfinder and drag the slider to adjust aperture settings. A smaller aperture value will create a more blurred background.

4 Touch the shutter button to shoot a photo or video. When recording, touch the viewfinder to adjust the focus.

Edit Background Blur in Wide Aperture Photos

You can adjust the focus and background blur after you've taken a wide aperture photo.

1 Go to **Gallery** > **Albums** > **Camera**.

2 Touch a photo tagged with , then touch at the top of the photo.

3 Follow the instructions to touch the photo to re-focus. Drag the slider at the bottom to adjust the aperture.

4 Touch to save the settings.

Take Panoramic Photos

Take Panoramic Photos

Add breadth to your landscape or group photos with the Panorama feature. The camera takes multiple photos of objects within your field of view and stitches them together into a single panoramic photo.

Use the Rear Camera to Take Panoramic Photos

1 Go to **Camera** > **More** and select **Panorama** mode.

2 Touch  at the bottom of the viewfinder to set the pan direction.

3 Point the camera at your starting point, then touch  to start shooting.

4 Slowly move the camera in the direction of the arrow displayed on the screen. Keep your device steady and the arrow on the centre line the entire time.

5 Touch  when you are finished.

Use the Front Camera to Take Panoramic Selfies

1 In **Panorama** mode, touch  to switch to the front camera.

2 Point the camera at the centre of your shot, then touch  to take the first photo.

3 Turn the camera to the left and right slowly as instructed. When the two frames on the viewfinder overlap, the camera will automatically take the second and third photos.

After the three photos are taken, the camera will automatically combine them into a panoramic photo.

AR Lens

AR Lens

Use AR lens to make your photos fun and stand out.

Use 3D Qmoji to Create Your Own Qmojis

1 Go to  **Camera** and select **AR lens**.

2 Touch **3D Qmoji** and select an animated Qmoji. The Qmoji will then mimic and act out your facial expressions accordingly.

3 Turn on , then look straight at the front camera.

4 Touch and hold  to record a Qmoji.

5 After the recording is complete, add text or directly save the Qmoji. The Qmoji will be saved to Gallery in GIF format.

Use 3D Qmoji to Record Videos

1 Touch **3D Qmoji** and select an animated Qmoji. The Qmoji will then mimic and act out your facial expressions accordingly.

2 Touch  to enable or disable the background.

3 Make sure  is not turned on, then look straight at the front camera.

4 Touch  to start recording.

5 Touch to finish recording.

Light Painting

Light Painting

Light painting helps you capture light trails by allowing the shutter to stay open for a longer time. No manual aperture and shutter adjustment is involved.

Just choose from the available options depending on the subjects and light conditions. To reduce camera shake, a tripod is recommended to steady your device.



Capture Car Light Trails in Traffic Trails Mode

Traffic trails mode lets you create artistic photos of car tail lights at night.

1 Go to **Camera** > **More** > **Light painting** > **Traffic trails**.

2 Find a spot where you'll see the light trails created by cars from a distance. Ensure that car headlights do not point directly at the camera, as this can overexpose the image.

3 Touch to start shooting. Observe the shot in the viewfinder. When the exposure is just right, touch to finish shooting.

Capture Light Drawings in Light Graffiti Mode

Light graffiti lets you create patterns or write words by moving a light source in front of the camera.

1 Go to **Camera** > **More** > **Light painting** > **Light graffiti**.

2 In a dark environment without distracting light sources, move a suitably bright light source of an appropriate colour, such as a small torch or glow stick, in front of the camera. Avoid exaggerated body movement as this may affect the shooting results.

3 Touch to start shooting. Observe the shot in the viewfinder. When the exposure is just right, touch to finish shooting.

Capture Rivers and Waterfalls in Silky Water Mode

Silky water lets you capture silky smooth photographs of waterfalls and rivers.

1 Go to **Camera** > **More** > **Light painting** > **Silky water**.

2 This feature works best when taking photos of a stream or waterfall where the water is flowing heavily.

3 Touch to start shooting. Observe the shot in the viewfinder. When the exposure is just right, touch to finish shooting.

Capture the Beauty of the Stars in Star Track Mode

Star track lets you use your camera to capture the movement of the stars in the night sky.

1 Go to **Camera** > **More** > **Light painting** > **Star trails**.

2 For best results, choose a clear night in a location free of light pollution and with an unobstructed view of the sky.

3 Touch to start shooting. Observe the shot in the viewfinder. When the exposure is just right, touch to finish shooting.

Take HDR Photos

Take HDR Photos

When shooting photos with backlighting or a high light contrast, High Dynamic Range (HDR) mode can help you improve light and shadow effects in your photos, giving your photos sharper details.

Use HDR with the Rear Camera

1 Go to **Camera** > **More** and select **HDR**.

2 Steady your device, with the help of a tripod if necessary.

3 Touch to take a photo.

Moving Pictures

Moving Pictures

Moving pictures capture a second of movement and sound before you touch the shutter button, and a second after.

Take Moving Pictures

Go to **Camera** > **More** > **Moving picture** and touch to take a photo.

Play Moving Pictures

Moving pictures are saved in JPG format in **Gallery**.

Go to **Gallery** > **Albums** > **Camera**, touch a moving picture, then touch at the top of the picture to view it.

The moving picture will automatically stop after a complete playback. You can also touch the screen to stop the playback.

Share Moving Pictures

Go to **Gallery** > **Albums** > **Camera**, touch and hold to select the moving picture you want to share, then touch to share it.

- Moving pictures can be shared through Wi-Fi Direct, Bluetooth, Huawei Share, and more. In order to play the moving picture effect, the receiving device must be a Huawei or Honor device that can take moving pictures.
- If you share moving pictures to third-party apps or incompatible devices, moving pictures will be displayed as static images.

Add Stickers to Photos

Add Stickers to Photos

Add a watermark, such as time, location, weather, or mood, to spice up your photo.

1 Go to **Camera** > **More** > **Stickers**.

If this mode is not there, touch and then download **Stickers**.

2 Touch and select a watermark. The selected watermark will be displayed in the viewfinder.

3 Drag the watermark to change its position. You can also edit the text of some types of watermarks.

4 Touch to take a photo.

Documents Mode

Documents Mode

Documents Mode

Images shot at an angle always suffer from the problem of perspective. If you aren't able to take a perfectly straight photo of a document, use Documents mode.

The camera will automatically adjust skewed images shot in Documents mode.

Shoot Photos in Documents Mode

1 Go to **Camera** > **More** > **Documents**. If this mode is not there, touch and then download **Documents**.

2 Frame the document you want to shoot in the viewfinder, such as a presentation slide on a projector or a street poster. Then touch .

3 The camera then automatically identifies the text area within the viewfinder and unskews the image.

Adjust the Text Area

If you find the skew correction provided by Documents mode unsatisfactory, you can also manually adjust the text area.

This is only available for photos taken in **Documents** mode.

1 Go to **Gallery** > **Albums** > **Camera**, then touch the photo you wish to adjust.

2 Touch above the photo.

3 Drag the four corners to customise the correction area. Then touch .

Record Videos

Record Videos

Record Videos

1 Open **Camera** and select **Video** mode.

2 Adjust the following settings:

- Zoom in or out: On the viewfinder, pinch or spread two fingers, or drag the zoom slider.
- Focus: Touch where you want to focus. Touch and hold the viewfinder to lock the exposure and focus.
- Turn the flash on or off: Touch , then touch  to keep the flash on, or  to turn it off.
- Adjust the beauty effect: Touch  and drag the slider to adjust beauty settings.
- Adjust the video resolution and frame rate: Go to  > **Resolution** and select the desired resolution.
  Then touch **Frame rate** and **Encoding** to set the frame rate and encoding format.
  A higher resolution will result in a higher quality video, but will also take up more storage space.

3 Touch  to start recording.

While recording, touch and hold  or to smoothly zoom in or out.

Touch  to take a photo while recording.

4 Touch  to pause and  to end the recording.

Time-Lapse Photography

Time-Lapse Photography

You can use Time-lapse to capture images slowly over several minutes or even hours, then condense them into a short video. This allows you to capture the beauty of change – blooming flowers, drifting clouds, and more.

1 Go to  **Camera** > **More**, then touch **Time-lapse**.

2 Place your device in position. To reduce camera shake, use a tripod to steady your device.

3 Touch  to start recording. Touch  to end the recording.

The recorded video is automatically saved to Gallery.

Filters

Filters

1 Open  **Camera** and select **Photo** or **Video** mode.

2 Touch  or  and select a filter.

3 Touch the shutter button to shoot a photo or video.

Edit Camera Modes

Edit Camera Modes

Edit Camera Modes

Your device allows you to download, update, and delete camera modes to better suit your needs.

Download Camera Modes

1 Go to  **Camera** > **More**.

2 Touch , then touch **ADD** next to the mode you want to download.

When the download is complete, the new mode will be displayed in **More**.

Update Camera Modes

1 On the **More** screen, touch .

2 A red dot will display on any mode that has an update available. Follow the onscreen instructions to update modes.

Delete Camera Modes

1 On the **More** screen, touch  to display the editing screen.

2 Touch  in the upper right corner of the mode you want to delete, then touch  to save your settings. If  is not displayed, the mode cannot be deleted.

To ensure that the camera runs correctly, pre-installed camera modes cannot be deleted.

Adjust Camera Settings

Adjust Camera Settings

Adjust Camera Settings

Adjust the Camera Resolution

1 Open  **Camera** and touch  to access the **Settings** screen.

2 Touch **Resolution** and select a resolution.

This feature is not available in some modes.

Enable Location Tag

Enable **Location tag** to tag your location in photos and videos.

Swipe up on a photo or video in Gallery to view its shooting location.

Add Device Watermarks to Photos

Enable **Add watermark**. Photos and videos shot with the rear camera will have a device watermark added.

Enable Mirror Reflection

When using the front camera, touch  to enable or disable **Mirror reflection**.

Mute the Shutter Sound

Enable **Mute** as needed.

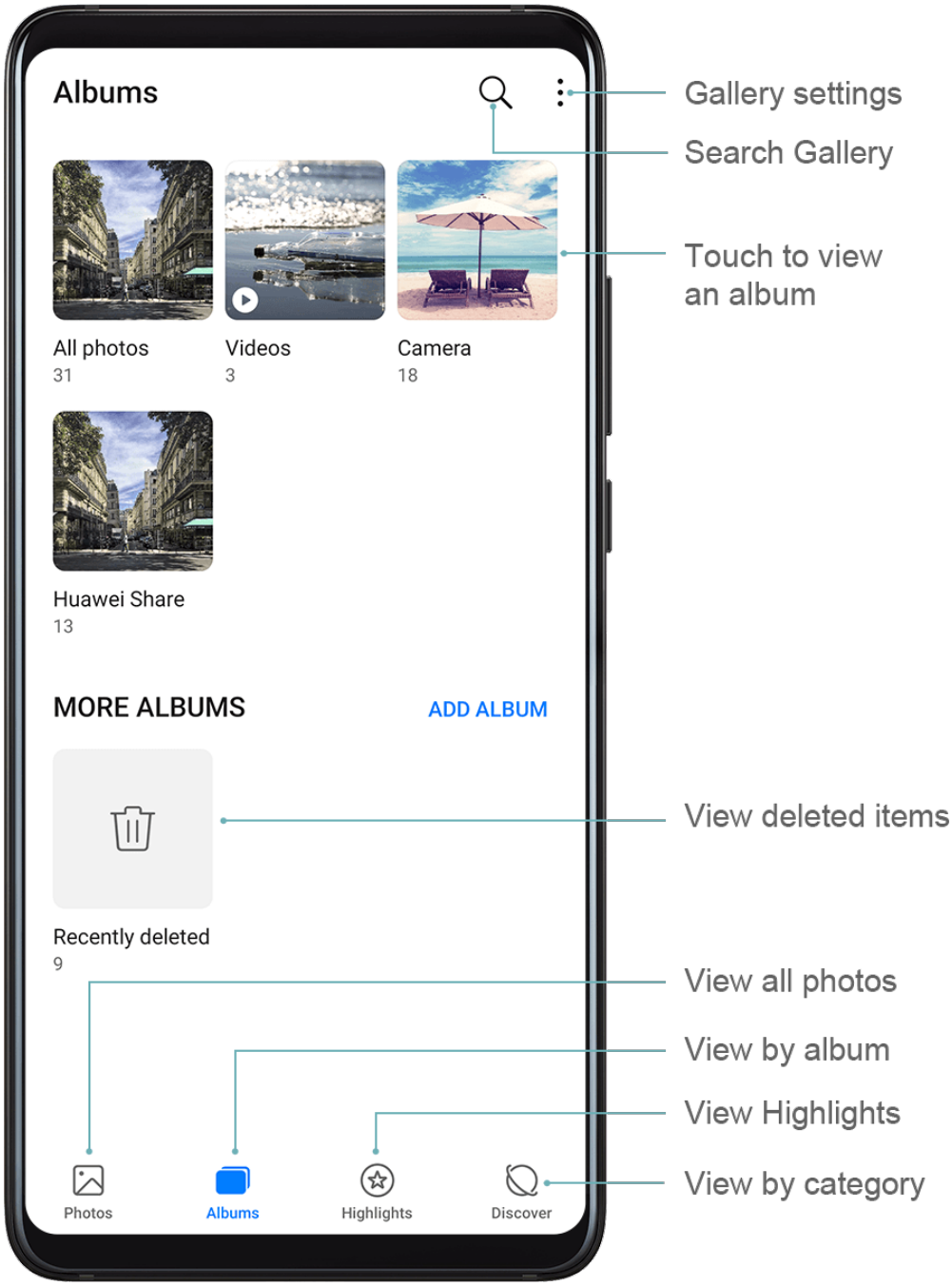
Capture Smiles

Enable **Capture smiles**. The camera will take a photo automatically when it detects a smile in the viewfinder.

Manage Gallery

View Photos and Videos

In Gallery, you can view, edit, and share your photos and videos, as well as browse the clips automatically generated from them.



View by Album

You can view photos and videos by album on the **Albums** tab.

Some photos and videos are stored in default albums. For example, videos recorded with the camera are saved in the **Camera** album. Screenshots and screen recordings are saved in the **Screenshots** album.

View by Category

Gallery intelligently sorts photos into categories, allowing you to quickly sift through large albums by category.

Touch a category album on the **Discover** tab (such as food, portrait, or scenery) to view photos in that album.

View Details About Photos and Videos

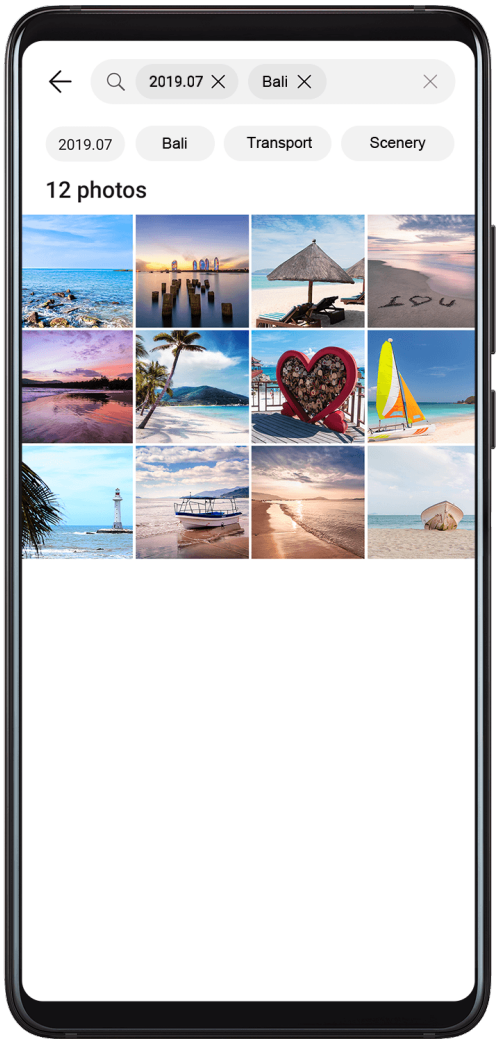
1 Touch a photo or video to view it in Full screen mode. Touch the screen again to hide the menu.

2 In Full screen mode, you can check the following:

- Basic information: Swipe up on the photo or video to view basic information.
- Shooting settings: Touch ⓘ and scroll up or down to view shooting details in the popup box, including the storage path, resolution, ISO, and EV.

Search for Photos

Quickly locate a photo by searching for keywords in Gallery.



1 Open **Gallery**, then touch 🔍 at the top of the screen.

2 Enter a keyword (such as "food", "scenery", or "flower").

3 Photos related to that keyword will be displayed. Touch a suggested keyword or enter more keywords to find more results.

Edit Photos and Videos

Gallery offers a wide range of editing features for photos and videos.

Basic Editing

Open **Gallery**, touch the thumbnail of the photo you want to edit, then touch **Edit** to access the editing features.



- Rotate: Touch and drag the angle wheel to the desired orientation.
  You can also touch **Rotate** to rotate your photo 90 degrees or **Mirror** to flip it.
- Crop: Touch and drag the grid or its corners to make your selection.
  You can also select a fixed ratio and drag the corners of the grid to crop the photo.
- Add filter effects: Touch to select a filter.
- Colour splash: Touch to select the colours you want to highlight. Other parts of the photo will be black and white.
- Blur: Touch , select a blur mode, and drag the slider to adjust the blur.
- Adjust photo effects: Touch to adjust the brightness, contrast, saturation, and other qualities of the photo.

- Graffiti: Touch to select a brush and colour to add graffiti.
- Add a text element: Touch to select an element style and font format.

Add Stickers to Photos

1. Touch **Edit** > **Stickers**.
2. Select a type of sticker, such as **Time**, **Location**, **Weather**, or **Mood**.
3. Select a sticker and drag it to change its position. You can also edit the text of some types of stickers.
4. Touch to save your edits and to save the photo.

Pixelate Photos

1. Touch **Edit** > **Mosaic**.
2. Select a mosaic style and size to censor parts of a photo.
3. To remove the mosaic, touch **Eraser** and wipe it off the photo.
4. Touch to save your edits and to save the photo.

Rename Photos

1. In **Gallery**, touch the photo thumbnail you want to rename.
2. Go to > **Rename** and enter a new name.
3. Touch **OK**.

Edit Videos



1. Go to **Gallery** > **Albums** > **Videos**, and touch the video you want to edit.
2. Touch . Then you can:

- Crop the video: Drag the slider at both ends of the video clip to select which part you want to keep. Touch to preview the cropped video.
- Adjust the video resolution: Select the desired resolution.

  A higher resolution will result in a higher quality video, but will also take up more storage space.

3 When you are finished, touch to export the video.
The exported video will be saved alongside the original video in its original album.

Share Photos and Videos

You can share photos and videos from Gallery in multiple ways.

1 Open **Gallery**.

2 Use either of the following methods:

- Share a single photo or video: Touch the photo or video, then touch .
- Share multiple photos or videos: In an album, touch and hold to select multiple photos and videos, then touch .

Manage Gallery

Organise photos and videos into albums to easily sift through them.

Open **Gallery**, then touch **Albums**. From here you can:

Add Albums

1 Touch **Add album**, then name the album.

2 Touch **OK**.

3 Select the photos or videos you want to add.

Move Photos and Videos

1 Open an album, then touch and hold to select the photos and videos you want to move.

2 Touch > **Move** to select the desired album.

3 Once the items are moved, they will no longer be in their original album.

The **All photos** and **Videos** albums show all photos and videos stored on your device. Moving items across albums will not affect the view in these albums.

Delete Photos and Videos

Touch and hold to select the items you want to delete, then go to > **Delete**.

The **All photos**, **Videos**, and **Camera** albums cannot be deleted.

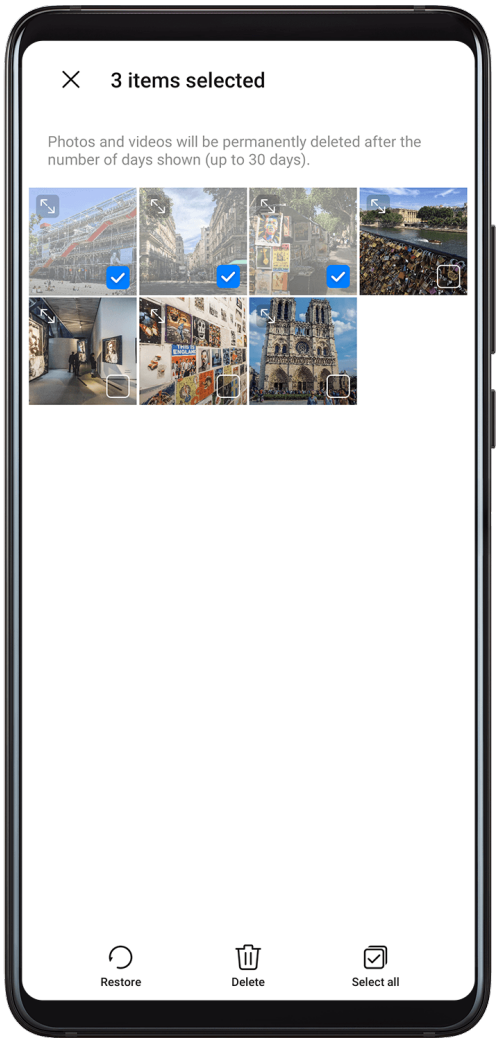
Deleted photos and videos will be temporarily moved to the **Recently deleted** album before being permanently deleted after 30 days.

To permanently delete a photo or video manually, touch and hold its thumbnail in the **Recently deleted** album, then go to > **Delete**.

Recover Deleted Photos and Videos

In the **Recently deleted** album, touch and hold to select the items you want to recover, then touch to restore them to their original albums.

If the original album has been deleted, a new one will be created.



Add Photos and Videos to Favorites

Open a photo or video, then touch .

The item will appear in both its original album and the **My favourites** album.

Block Albums

To prevent third-party app albums from displaying in Gallery, block these albums.



1 On the **Albums** tab, touch **Others**.

2 Touch an album, and if  is displayed at the top, go to  > **Block**.
Move photos and videos you want to block to blocked albums.
Blocked albums cannot be viewed in any apps other than Files.

3 To unblock an album, access **Others**, touch **View blocked albums**, then touch **Unblock** next to the album.

Only some albums in **Others** can be blocked.

Gallery Smart Categorization

Smart Photo Categorisation

Gallery automatically sorts your photos into categories such as portraits, locations, scenery, and food, so you can quickly find what you're looking for.

Open **Gallery**, then touch the **Discover** tab to view your photos organised into categories.

To remove a photo from an album, touch and hold to select the photo, then touch  (or  for portraits).

Not all photos can be removed from the category albums.

View and Set People Albums

Once you have taken a sufficient number of photos, Gallery will automatically create People albums of individuals or groups by identifying faces in your photos. This will happen when your device is charging and the screen is off.

You can name your People albums and set the relationship of individuals with you.

Group photo albums require a specific number of photos that contain 2 to 10 faces that have already been named in People albums.

1 Go to **Gallery** > **Discover** and view the generated People albums.

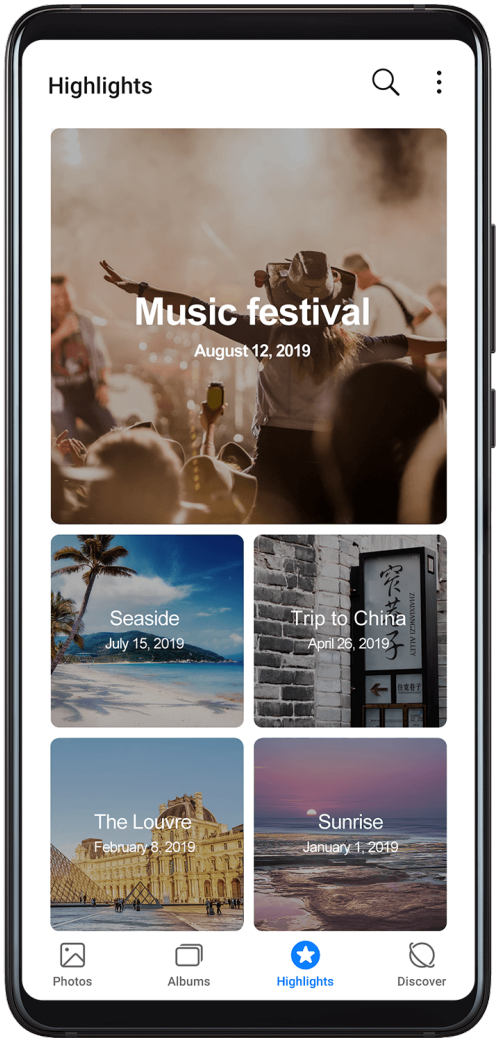
2 Touch an album, go to > **Edit** > **Add name**, then set the name and relationship (such as Baby or Mom).

Once you have finished, you can find a People album by entering the name or relationship in the search bar.

Highlights

Highlights

Gallery automatically creates Highlights albums from your best photos and videos based on time, location, and theme information, and even generates a short video clip so you can instantly relive the good times.



- To start using Highlights, go to **Camera** > and enable **Location tag**.
- Highlights albums are created automatically when your device is charging, the screen is turned off, and the battery is at least 50% charged. This process may take some time. Highlights albums will not be created if there are fewer than 10 photos or videos in Gallery.

View Highlights Videos

1 Go to **Gallery** > **Highlights** and touch an album.

2 Touch to play the video.

Edit Highlights Videos

1 When you are watching a Highlights video, touch the video to select a preset template at the bottom of the screen.

2 Touch at the top of the screen to customise the background music, filter, intro and outro, and more. Then touch to save the video.

3 When you are finished, touch to export the video.

Share Highlights Videos

1 Go to **Gallery** > **Albums** > **Video Editor**, where you'll find all your exported videos.

2 Touch and hold to select the videos you want to share, then touch .

Add or Remove Photos and Videos from Highlights Albums

1 On the **Highlights** tab, touch an album.

2 You can then:

- Add photos or videos: Touch , select the items you want to add, then touch .
- Remove photos or videos: Touch and hold to select photos or videos you want to remove, touch , then touch **Move**.

Rename Highlights Albums

1 On the **Highlights** tab, touch an album.

2 Go to > **Rename** and enter a new name.

Delete Highlights Albums

1 On the **Highlights** tab, touch an album.

2 Go to > **Delete** and touch **Delete**.

Apps

Apps

Apps

Locate an Installed App

Swipe down from the middle of the home screen to show the search bar, and enter the app name. When the app is found, touch  next to its name.

Uninstall an App

You can uninstall an app using either of the following methods:

- Touch and hold the app icon you want to uninstall until your device vibrates, touch **Uninstall**, then follow the onscreen instructions to uninstall the app.
- Go to  **Settings** > **Apps** > **Apps**, touch the app you want to uninstall, then touch **Uninstall**.

Some pre-installed system apps can't be uninstalled, as uninstalling them may cause system errors.

Manage Background Apps

1 Access the recent tasks screen using either of the following methods, depending on the navigation method you are using:
   - **Gestures**: Swipe up from the bottom of the screen and hold.
   - **Three-key navigation**: Touch .

2 On the recent tasks screen, you can:
   - Swipe across to view app previews.
   - Touch an app preview to access an app.
   - Swipe up on an app preview to close an app.
   - Swipe down on an app preview to lock it.  will appear at the top of the app preview. Touching  will not close this app.
   - Swipe down again to unlock it.  will disappear.
   - Touch  to close all apps (except for those you have locked).

Clear the Cache of an App

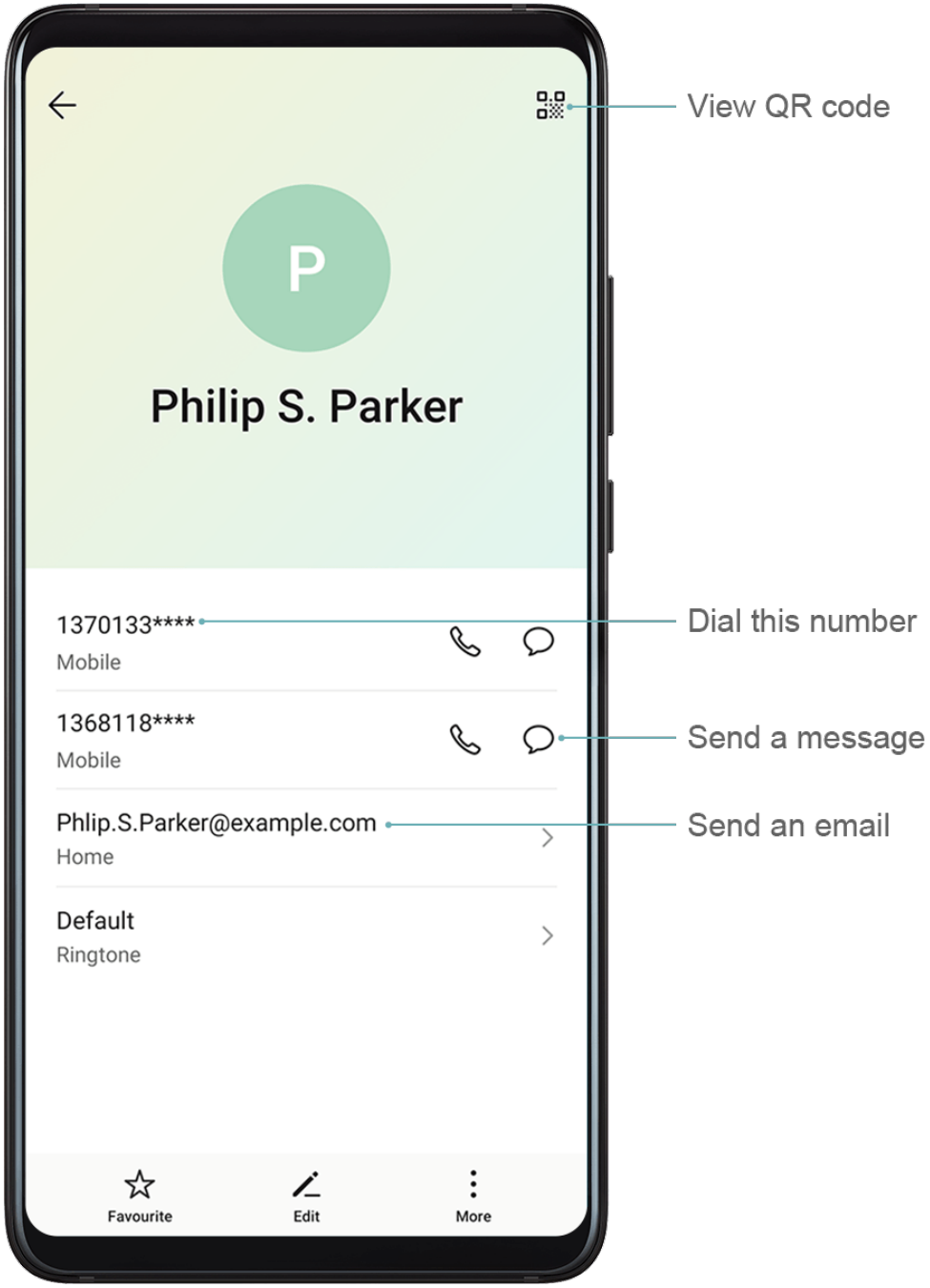
Delete app cache files to free up storage space.

Go to **Settings** > **Apps** > **Apps**, select the app for which you want to clear the cache, then go to **Storage** > **Clear cache**.

Contacts

Create and Edit Contact Information

You can create contacts in multiple ways, as well as view and manage your contacts list.



Create Contacts

1 Open **Phone**, select the **Contacts** tab at the bottom of the screen, then touch . If you are creating a contact for the first time, touch **Create new contact** to start adding a contact.

2 Touch the camera image to set a profile picture for the contact, enter information such as the name, organisation, and phone number of the contact, then touch ✓.

Import Contacts

1 On the **Contacts** screen, go to ⋮ > **Settings** > **Import/Export**.

2 Select **Import via Bluetooth**, **Import via Wi-Fi Direct**, or **Import from storage**, then follow the onscreen instructions to import contacts.

Search for Contacts

1 From the **Contacts** screen, go to ⋮ > **Settings** > **Display preferences** and touch **All contacts** to display all your contacts.

2 Search for contacts using either of the following methods:

- Swipe down from the middle of the home screen, enter a keyword for the contact you want to find in the search box (such as their name, initials, or email address).
  You can also enter multiple keywords, such as "John London", to quickly find matching contacts.
- Enter keywords for the contact you want to find in the search box above the contacts list. Matching results will be displayed below the search box.

Share Contacts

1 On the **Contacts** screen, select the contact you want to share, then go to ⋮ > **Share contact**.

2 Select a sharing method, then follow the onscreen instructions to share the contact.

Export Contacts

1 On the **Contacts** screen, go to ⋮ > **Settings** > **Import/Export**.

2 Touch **Export to storage** and follow the onscreen instructions to export contacts.

The exported **.vcf** files are saved in the root directory of your device's internal storage by default. You can open **Files** to view the exported files in the internal storage.

Delete Contacts

Delete contacts using either of the following methods:

- Touch and hold the entry you want to delete, then touch **Delete**.
- On the **Contacts** screen, go to ⋮ > **Settings** > **Organise contacts** > **Delete multiple contacts**, select the entries you want to delete, then touch 🗑.

To restore deleted contacts, go to > **Settings** > **Organise contacts** > **Recently deleted**, touch and hold a contact you want to restore, select the check boxes of any others you also want to restore, then touch .

Merge Duplicate Contacts

1 Open **Phone**, select the **Contacts** tab at the bottom of the screen, then touch > **Settings** > **Organise contacts** > **Merge duplicate contacts**.

2 Select duplicate contacts to be merged and touch **Merge**.

Manage Contact Groups

You can conveniently send emails or messages to multiple contacts by creating and managing contact groups. Your device automatically groups contacts by company, city, and last contact time, but you can also create new groups based on your preferences.

Create a Contact Group

1 Open **Phone**, select the **Contacts** tab at the bottom of the screen, then touch **Groups**.

2 Touch , enter the group name, such as "Family" or "Friends", then touch **OK**.

3 Follow the onscreen instructions to add contacts to the group, then touch .

Edit a Contact Group

1 On the **Groups** screen, select the group you want to edit and touch to add a new contact.

2 Touch for **Remove members**, **Group ringtone**, **Delete group**, or **Rename**.

Send Group Messages or Emails

On the **Groups** screen, open a group, then touch to send a message or touch to send an email.

Delete Contact Groups

On the **Groups** screen, touch and hold the group to be deleted, then touch **Delete**.

Create Personal Information

You can create a business card containing your personal information to share with others. You can also add personal emergency information so you can call for help quickly in an emergency.

Create a Personal Business Card

1 Open **Phone**, select the **Contacts** tab at the bottom of the screen, then touch **My card**.

2 Set your profile picture, enter personal information such as your name, work address, and phone number.

3 Touch ✓ to automatically create a QR code business card.
You can share your business card using the QR code.

Add Your LinkedIn Account

Link your LinkedIn account to sync the LinkedIn information of your contacts to your device.

Sync LinkedIn Contacts

1 Open **Phone**, select the **Contacts** tab at the bottom of the screen, then go to ⋮ > **Settings** > **Add LinkedIn account**.

2 Follow the onscreen instructions to log in to your LinkedIn account. After logging in, the LinkedIn information of your contacts will automatically be synced to your device.

3 To sync all LinkedIn contact information, from the LinkedIn settings screen, go to **Sync LinkedIn contacts** > **All LinkedIn contacts**, and select **Sync** or **Auto-update LinkedIn**.

View a Contact's LinkedIn Information

From the **Contacts** screen, select a LinkedIn contact, then touch **View LinkedIn profile online**.

Unlink Your LinkedIn Account

From the **Contacts** screen, touch ⋮ > **Settings** > **LinkedIn** and select **Disassociate**.

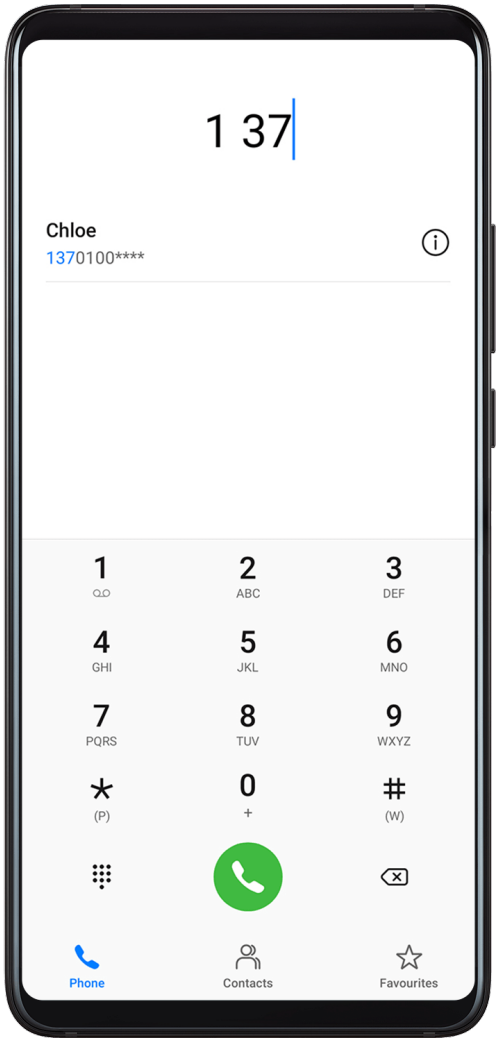
Phone

Make a Call

Dial a Number or Select a Contact to Call

Use either of the following methods to make a call:

- Open **Phone**, enter part of a phone number, the first letter of a contact's name, or the contact's initials to find a contact.



- On the **Phone** screen, touch the **Contacts** tab at the bottom, then select a contact to make a call.

Touch to end a call.

Use Speed Dial

Once you've set up speed dialling for a contact, you can quickly call that contact with the assigned number key.

Go to **Phone** > > **Settings** > **Speed dial**, select a number key, then set a contact for this speed dial number.

Press the Power Button to End a Call

During a call, press the Power button to end the call.

Go to **Phone** > > **Settings** > **More** and enable **Power button ends call**.

Set a Contact Profile Picture for Calls

You can set profile pictures for your contacts to be shown on the screen during incoming and outgoing calls.

1 On the **Phone** screen, touch the **Contacts** tab at the bottom, then select the contact you want to set a profile picture for.

2 Touch and then touch to set a profile picture for the contact.

Make an International Call

1 Contact your mobile carrier to activate and inquire about the international calling service.

2 Open **Phone**, touch the **Contacts** tab at the bottom, then select a contact to make a call.
For numbers that are not in the contacts list, on the **Phone** screen, touch and hold the 0 number key to display +, enter the country code and phone number, then touch to make an international call.

Manage Call Logs

You can merge the call logs of the same contact or number for a tidier and more concise interface, or delete call logs as required.

Merge Call Logs

1 Go to **Phone** > > **Settings** > **Merge call log**.

2 Select **By contact** and your device will automatically merge the call logs of the same number or contact.

View Missed Calls

1 To display all missed calls, open **Phone**, swipe down on the call log list, then touch the **Missed** tab.
All missed calls are displayed in red in the call log list for you to quickly identify them on the **All** screen.

2 Touch next to a call log to call back or send a message.

Delete Call Logs

Delete call logs using either of the following methods:

- On the **Phone** screen, touch and hold a call log, then touch **Delete entry**.
- On the **Phone** screen, go to > **Delete entries**. Select multiple call logs, then touch to delete them.

Set a Ringtone for Incoming Calls

You can set your favorite music or a video as the ringtone for incoming calls.

If two SIM cards have been inserted into your device, configure the ringtone separately for SIM 1 and SIM 2.

Set a Music Ringtone

1 Go to **Phone** > > **Settings** > **Ringtone** or **Settings** > **Sounds & vibration** > **Phone ringtone**.

2 Select a system ringtone, or touch **Music on device** to select a local song as the ringtone.

Manage Incoming Calls

You can use the call waiting feature to answer incoming calls when you are already engaged in a previous call. If you cannot answer a call because your device is faulty or the network signal is poor, you can also set call forwarding to forward calls to another number or device.

Answer or Reject an Incoming Call

If you receive a call when the screen is locked:

- Drag right to answer the call.
- Drag left to reject the call.
- Touch to reject the call and reply with an SMS message.
- Touch to set a callback reminder.

If you receive a call when the screen is unlocked:

- Touch to answer the call.
- Touch to reject the call.
- Touch to reject the call and reply with an SMS message.
- Touch to set a callback reminder.

Enable Call Waiting

The Call waiting feature lets you answer incoming calls when a call is already in progress by placing the first call on hold.

This feature requires the support of your mobile carrier. For details, contact your carrier.

Go to **Phone** > > **Settings**. Under the SIM card you wish to enable call waiting on, go to **More** > **Call waiting**.

Features may vary depending on your network provider.

Answer a New Incoming Call During a Call

1 When you receive an incoming call when you are already engaged in a previous call, touch to answer it.



2 Touch ⇄ or touch a held call in the call list to switch between the two calls.

Enable Call Forwarding

After the Call forwarding feature is enabled, calls that meet set conditions will be automatically transferred to a specified phone number.

This feature requires the support of your mobile carrier. For details, contact your carrier.

1 On the **Phone** screen, go to ⋮ > **Settings**, and touch **Call forwarding** under the SIM card you wish to disable call forwarding on.

2 Select and enable a forwarding method, then enter and confirm the target number.

Features may vary depending on your network provider.

Disable Call Forwarding

1 On the **Phone** screen, go to ⋮ > **Settings**, and touch **Call forwarding** under the SIM card you wish to disable call forwarding on.

2 Select the forwarding mode that you wish to disable and disable it.

Features may vary depending on your network provider.

Filter and Block Spam Calls

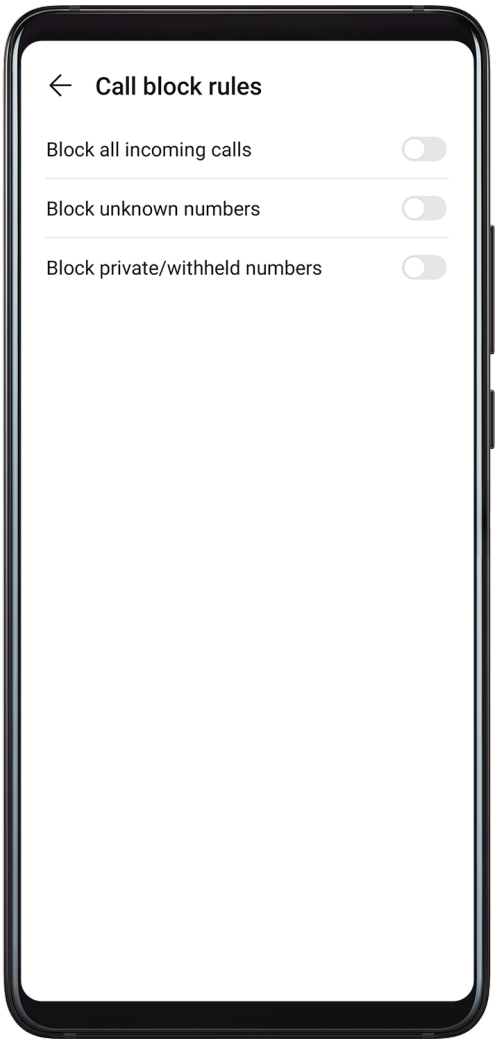
Set different block rules to block sales, fraud, and other kinds of spam calls.

Filter Spam Calls

1 Go to **Phone** > > **Blocked** > and set the block rules.

Alternatively, go to **Optimiser** > **Blocked** > to set the block rules.

2 Touch **Call block rules** and toggle on the switches of corresponding block rules.



Block Incoming Calls from Specific Numbers

You can block incoming calls from specific numbers using either of the following methods:

- Go to **Phone** > > **Blocked** > > **Blocklist**, touch , then add the phone numbers you want to block.
- On the **Phone** screen, touch the **Contacts** tab at the bottom, touch the contact you want to block, then go to > **Block contact**.

Set Whether to Receive Notifications for Blocked Calls

Go to **Phone** > > **Blocked** > > **Receive notifications** and set whether to receive notifications for blocked calls.

Emergency SOS and Calls

Use Emergency SOS

If you encounter an emergency, you can quickly and secretly send an SOS message to your emergency contacts.

1 Enable GPS and allow the Emergency SOS feature to access your location.

2 Go to **Settings** > **Security** > **Emergency SOS**, enable **Also send SOS message**, then set your emergency contacts.

Once you have enabled the Emergency SOS feature, if you encounter an emergency, press the Power button five times in quick succession and your device will automatically send a message with your current location to your emergency contacts.

Once the message is sent, your device will bring up the emergency call screen, from which you can quickly call an emergency service or one of your emergency contacts.

Make Emergency Calls

In the event of an emergency, you can make emergency calls directly from the lock screen of your device even if there is no signal.

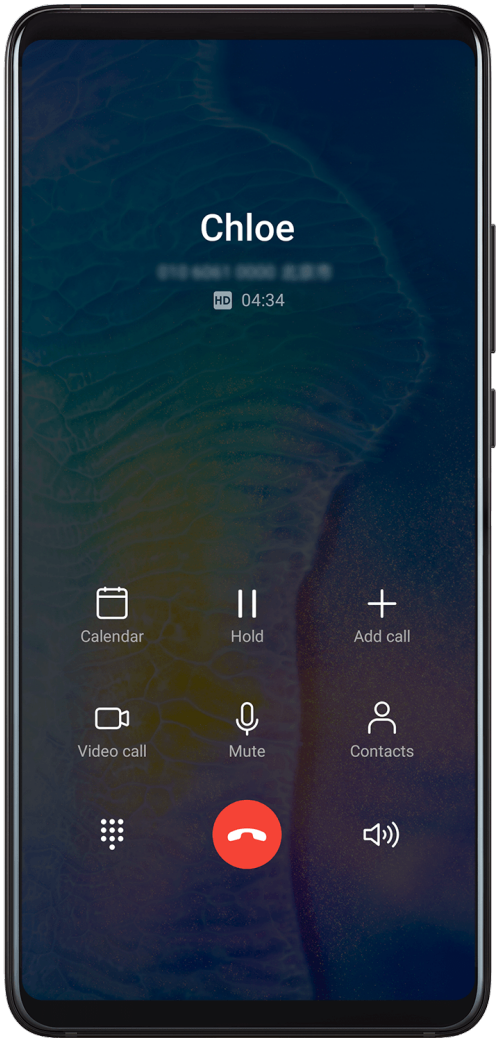
⚠ The emergency call feature is subject to local regulations and individual mobile carriers. Network issues or other types of interference may lead to failed emergency calls.

1 On the lock screen, touch **Emergency**. If you are in an area with good signal, your device will automatically obtain your location and display it on the screen.

2 Enter your local emergency number and touch to call the number. Alternatively, touch **Emergency information** and select an emergency contact to call.

Make Operations During a Call

During a call, an in-call menu will be displayed.



- Touch to enable hands-free mode.
- Touch to start another call (only available once three-way calling has been activated). For details, contact your mobile carrier.
- Touch to use the dialler.
- During a call, you can hide the call screen and access other apps by returning to the previous screen or home screen using the current navigation mode.
  Touch the green status bar at the top of the screen to return to the call screen.
- Touch to end the call.

Messaging

Filter and Block Spam Messages

Set different block rules, such as your blocklist, to block sales, fraud, and other kinds of spam messages.

Block Messages from Specific Numbers

1 Go to **Messaging** > > **Blocked** > > **Blocklist**.

2 Touch and add the numbers you want to block. SMS and MMS messages sent by these numbers will all be blocked.

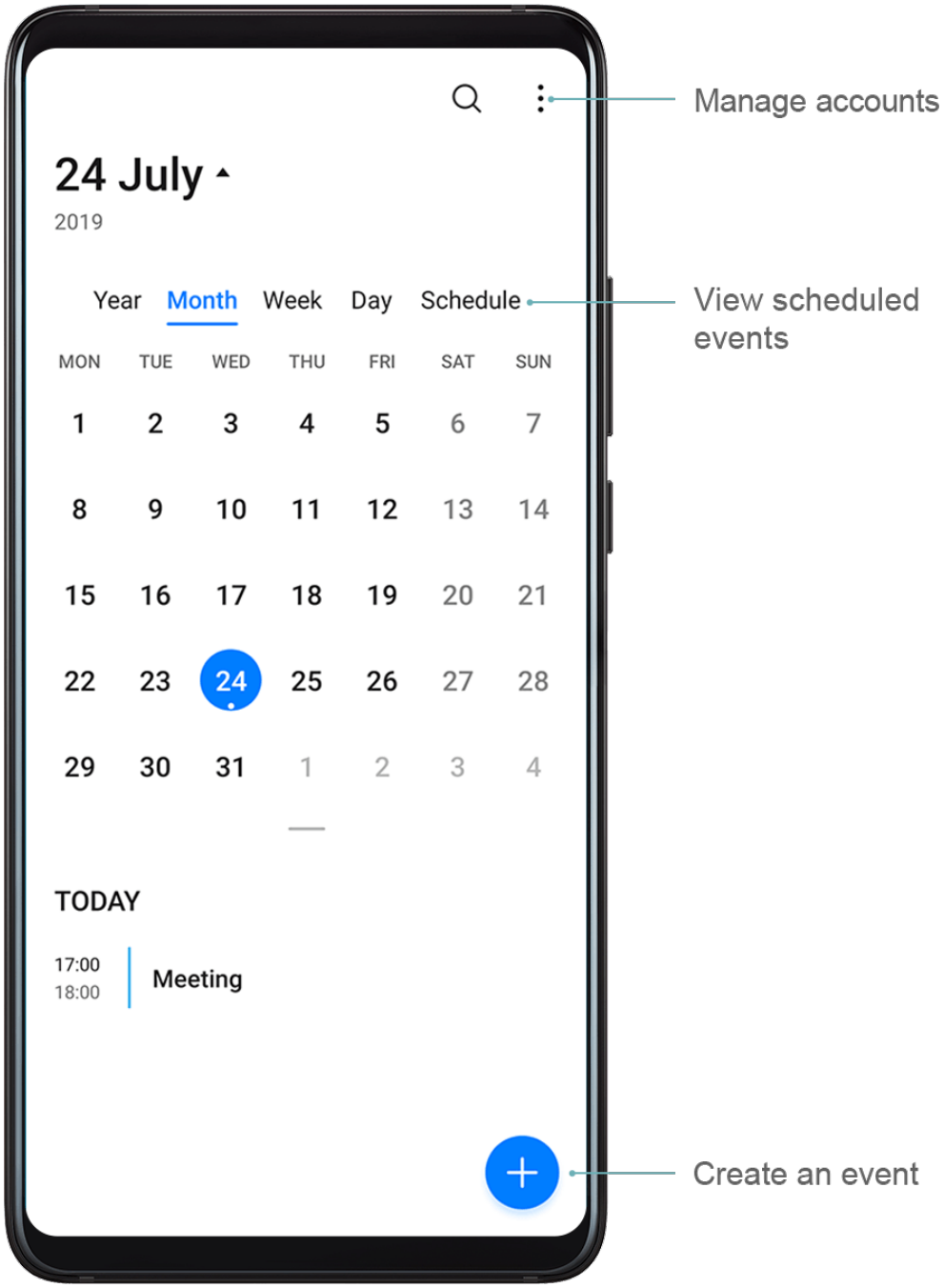
Set Whether to Receive Notifications for Blocked Messages

Go to **Messaging** > > **Blocked** > > **Receive notifications** and set whether to receive notifications when messages are blocked.

Calendar

Add and Manage Events

Events help you plan and manage activities in your daily life and work, such as attending company meetings, arranging social get-togethers, and making credit card repayments. You can add events and set reminders to help you arrange your schedule in advance.



Create an Event

1 Open **Calendar** and touch .

2 Enter the details of the event, such as the title, location, and start and end times.

3 Touch **Add reminder** to set the reminder time for the event.

4 Touch to save the event.

Import Meeting Reminders

1 Go to **Calendar** > > **Manage accounts**.

2 Touch **Add account**, then follow the onscreen instructions to add your work emails (from your Exchange account) to the calendar to see meeting reminders.

Search for Events

1 On the **Calendar** screen, touch .

2 Enter keywords of your event in the search box, such as the title and location.

Share an Event

1 On the **Calendar** screen, touch an event on the calendar or under the schedule.

2 Touch and follow the onscreen instructions to share the event using whichever method you prefer.

Delete Events

You can delete events using the following methods:

- On the **Calendar** screen, then touch the event to be deleted and touch .
- Touch **Schedule**, touch and hold an event, select the events you want to delete, then touch .

Set a Calendar Notification

Set the calendar notification type according to your requirements. You can set status bar notifications, banner notifications, sound notifications, and more.

You can also change the default reminder time to control when your device will send you a reminder.

1 Go to **Calendar** > > **Settings**.

2 In the reminder settings, set **Default reminder time** and **Reminder time for all-day events**.

3 Touch **Notifications** and enable **Allow notifications**. Then follow the onscreen instructions to set a notification type.

Customise the Calendar View

Set the start day of the week, whether or not to show week numbers, and more in the calendar view settings.

1 Go to **Calendar** > > **Settings**.

2 Set the start day of the week, whether or not to show week numbers, and so on.

Set Alternate Calendars

Set the Calendar to display other calendars as well, such as the Chinese lunar calendar or the Islamic calendar.

Go to **Calendar** > > **Settings** > **Alternate calendars** and select another calendar.

Clock

Timer and Stopwatch

You can use the timer to count down from a specified time. You can also use the stopwatch to measure the duration of an event.

Timer

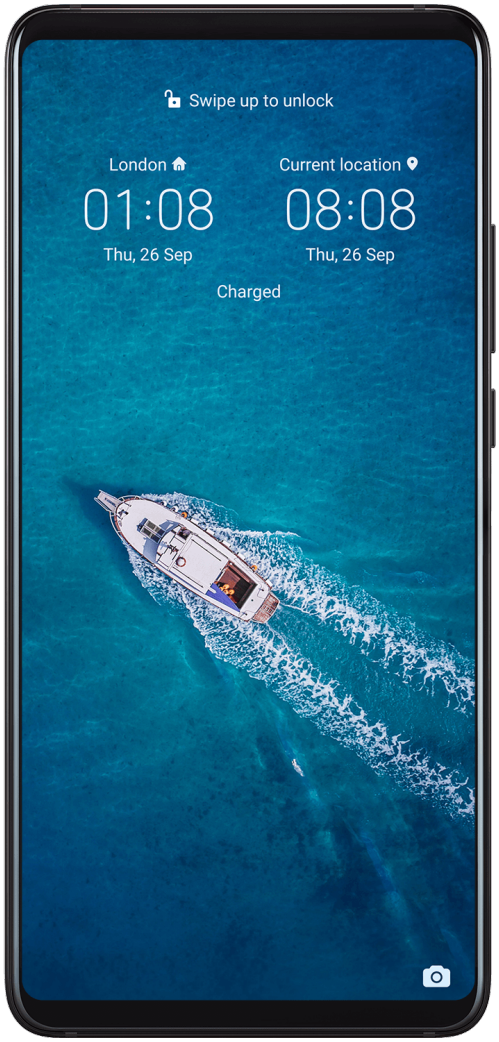
Go to **Clock** > **Timer**, set the duration of time, and touch to start the timer. To stop it, touch .

Stopwatch

Go to **Clock** > **Stopwatch**, and touch to start the stopwatch. To stop it, touch .

Display Dual Clocks on the Lock Screen

When you are away from your home time zone, use **Dual clocks** to display the time of both your home city and current location on the lock screen.



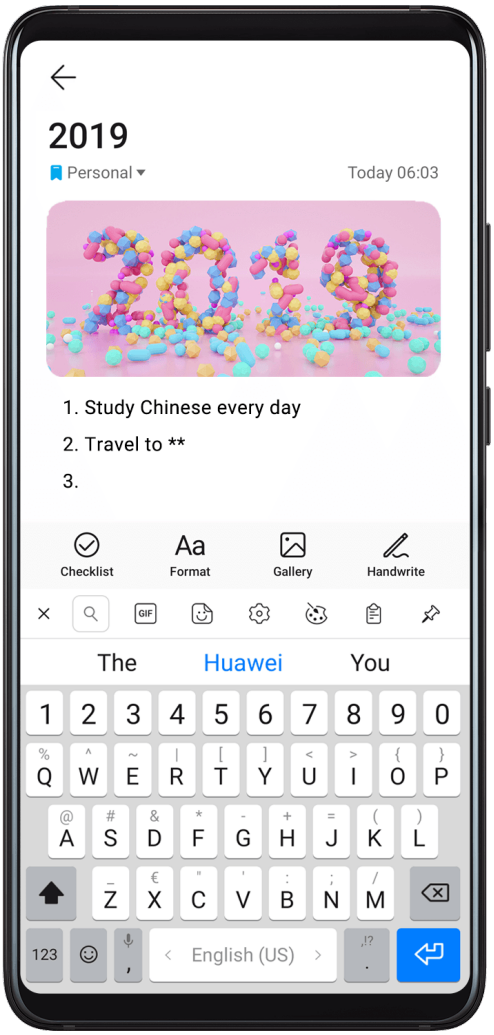
Go to **Settings** > **System & updates** > **Date & time**, enable **Dual clocks**, and set a **Home city**. The time of your home city and current location will now both display on the lock screen.

Only one clock will display on the lock screen if your current location is in the same time zone as your home city.

Notepad

Create Notes

You can create notes to record your thoughts and inspirations.



1 Go to **Notepad** > **Notes**, then touch .

2 Enter the title and content of the note.

3 Touch to insert a picture into the note as required. Touch and hold the picture, then drag it to the desired position in the note.

4 If you want to organise your notes for easier access and viewing, touch to add a tag to your note after finishing it.

5 Touch ✓ to save the note.

Create To-Dos

You can create to-dos with a set time to remind you to complete them.

If you set a time, your device will send you a reminder notification at the specified time.

1 Go to **Notepad** > **To-dos**, then touch +.

2 Enter your to-do.

3 Touch 🔔, set a reminder time, then touch **OK**.

4 Touch **Save**.

Manage Your Notepad

You can sort your Notepad items by category and put them into different folders, delete unwanted items, and share items with other people.

When viewing a list of items or an individual item in Notepad, touch the status bar at the top of the screen to quickly return to the first item or the beginning of the item you are viewing.

Sort Notepad Items by Category

Different types of notes or to-dos can be sorted by category and displayed in different colours for more convenient viewing.

You can sort notepad items using either of the following methods:

- On the **All notes** or **All to-dos** screen, swipe left on an item, touch 🏷, then select a tag.
- Touch and hold a note or to-do, select or drag over the check boxes of the notes or to-dos you want to categorise under the same tag, then touch 🏷 to select a tag.

Share Notepad Items

You can share your Notepad items as text files or images.

On the **All notes** or **All to-dos** screen, touch the item to be shared, touch ⋔, then follow the onscreen instructions to share it.

Delete Notepad Items

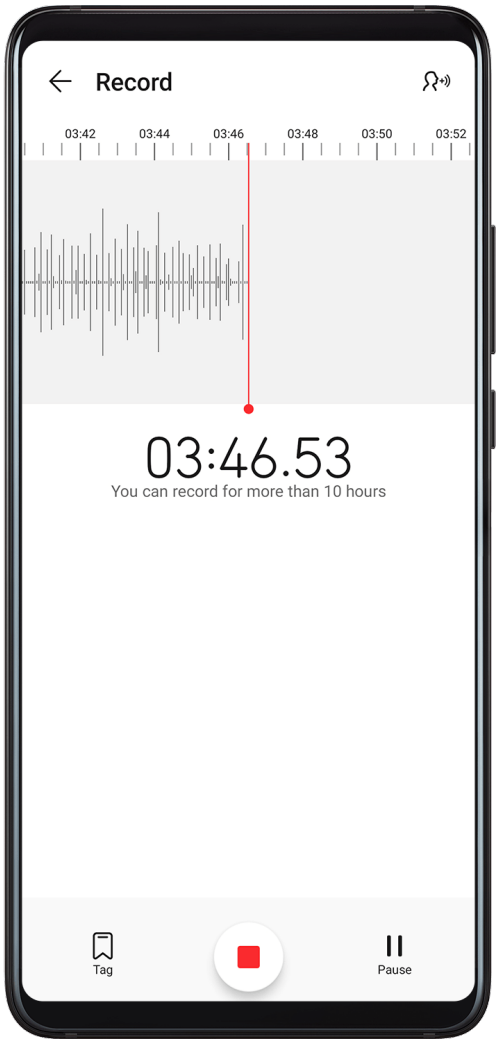
You can delete notepad items using either of the following method:

- On the **All notes** or **All to-dos** screen, swipe left on a note or to-do, then touch 🗑 to delete it.
- Touch and hold a note or to-do you want to delete, select or drag over the check boxes of any other notes or to-dos you want to delete as well, then touch 🗑.

To restore a deleted Notepad item, touch **All notes** or **All to-dos**, select the item you want to restore in **Recently deleted**, then touch .

Recorder

Recorder



1 In the **Tools** folder, open **Recorder**, and touch to start a recording.

2 During a recording, you can touch to add a tag.

3 When you are finished, touch to stop recording.

4 You can also touch and hold a recording, then share, rename, or delete it.

Recordings are saved under **Files** > **Categories** > **Internal storage** > **Sounds**.

Play a Recording

Recording files are listed on the **Recorder** home screen. Touch a recording to play it.

On the recording playback screen, you can:

- Touch to skip the muted parts.
- Touch to adjust the playback speed.
- Touch to add a tag.
- Touch a tag to rename it.

Edit a Recording

1 On the **Recorder** home screen, touch a recording.

2 Touch to display the waveform of the recording.

3 Drag the start and end bars to adjust the clip length. Pinch your fingers on the waveform to zoom in or out to adjust the clip length more precisely.

4 Touch and select **Keep selected part** or **Delete selected part**.

Email

Add Email Accounts

Add your email account in **Email** and you can use your device for convenient email access at any time.

Add a Personal Email Account

1 Open **Email** on your device and select from the available mailbox providers or touch **Other**.

2 Enter the email address and password, touch **Sign in**, and follow the onscreen instructions to configure the server settings. The system will automatically connect to the server and check the server settings.

Add an Exchange Account

Microsoft Exchange enables digital messaging within a company. If your company mailbox uses the Exchange server, you can log in to your company email account on your device.

1 Contact the company email server administrator to obtain the domain name, server address, port number, and security type.

2 Open **Email**, and select **Exchange**.

3 Enter the email address, user name, and password.

4 Touch **Manual setup**. On the **Account setup** screen, set parameters such as the email domain name, server address, port number, and security type.

5 Touch **Next**, then follow the onscreen instructions to complete the configuration. The system will automatically connect to the server and check the server settings.

Send Emails

Select an email account and write emails to send them to the recipients' email addresses.

Send an Email

1 Open **Email**, then touch .

2 Enter the recipient's email address, or touch to select a contact or group, then touch .

3 Add the addresses of any recipients to whom you wish to CC or BCC the email. If you have more than one email account, you will also need to select the email address you wish to send the email from.

4 Write the email and enter the subject, then touch .

Save an Email as a Draft

On the **Compose** screen, touch to save the email as a draft.

Go to **Inbox** > **Show all folders** > **Drafts** to view draft emails.

Reply to an Email

1 On the **Inbox** screen, open the email you wish to reply to.

2 Touch to reply to just the email sender, or touch to reply to everyone on the thread.

3 After writing your reply, touch .

Set Email Notifications

Set a notification mode for your emails based on your needs.

1 Go to **Email** > > **Settings** > **General** > **Notifications** and enable **Allow notifications**.

2 Select the email account you want to set notifications for, turn on the **Allow notifications** switch, then select a notification mode.

View and Manage Emails

Receive, view and manage your emails in the inbox.

View an Email

1 Open **Email**, then swipe down on the **Inbox** screen to refresh the email list.
If you have multiple email accounts, touch **Inbox** and select the email account you want to view.

2 Open an email, then view, reply to, forward, or delete the email.

If you are notified about an important event in an email, touch > **Add to calendar** to import the event into your calendar.

3 Swipe left or right to view the next or previous email.

Organise Emails by Subject

On the **Inbox** screen, go to > **Settings** > **General**, then enable **Organise by subject**.

Add an Email Contact to a Group

You can create email groups to communicate more efficiently.

1 On the **Inbox** screen, open an email, and touch **Add to group**.

2 Choose to add the email sender or recipient to the group, and touch **OK**.

3 On the group selection screen, select an existing group, then touch to save the contact in the group.
Alternatively, touch **Create group**, enter the group name, then touch **Save**.

Once you have created a group, you can select the group from the recipient drop-down list to send emails to group members.

Sync Emails

After automatic email syncing is enabled, the emails on your phone will be automatically synced with those on the email server.

1 On the **Inbox** screen, go to > **Settings**.

2 Touch the account you wish to sync emails for, then turn on the **Sync Email** switch.

3 Touch **Sync frequency** to set the automatic syncing period.

Search for an Email

On the **Inbox** screen, touch the search box, then enter keywords such as the subject or content of the email.

Delete Emails

On the **Inbox** screen, touch and hold the email to be deleted, drag over the check boxes of any other emails you want to delete, then touch .

Manage Email Accounts

You can add multiple email accounts so you can manage them at the same time.

Add Email Accounts

1 Go to **Email** > > **Settings** > **Add account**.

2 Select an existing email service provider or touch **Other**, then follow the onscreen instructions to add an email account. Repeat for each of the accounts you wish to add.

Switch Between Email Accounts

On the **Inbox** screen, touch **Inbox** and select the email account you wish to use.

Change Account Name and Signature

On the **Inbox** screen, go to ⋮ > **Settings** and select an account. You can then set or change the **Account name**, **Signature**, and **Default account**.

Log Out of an Email Account

On the **Inbox** screen, go to ⋮ > **Settings**, select an account, and touch **Remove account**.

Calculator

Calculator

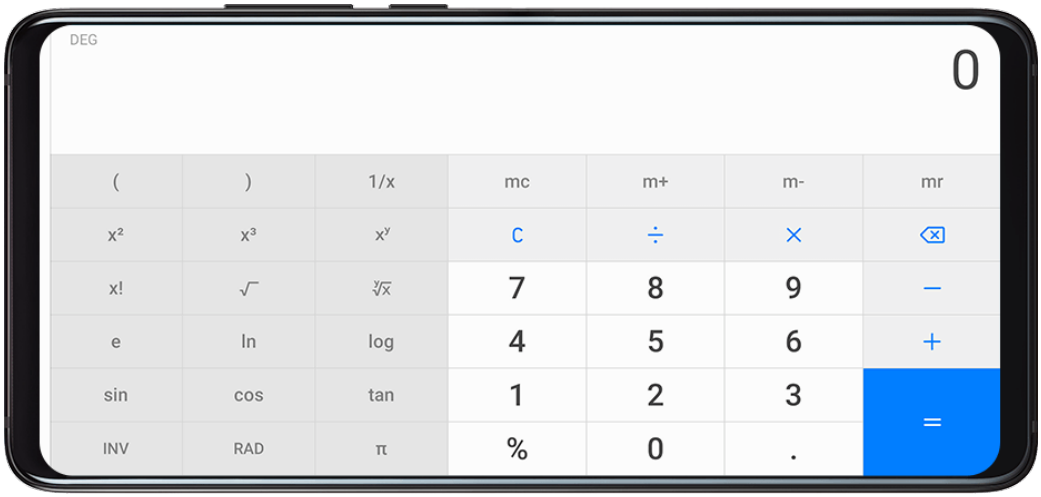
Use the calculator on your device to perform basic mathematical calculations and for calculating exponential, logarithmic, and trigonometric functions.

Use the Basic Calculator

You can open the calculator using either of the following methods:

- Swipe down from the middle of the home screen to display the search box. Search for **Calculator**, and the first result will be the preinstalled **Calculator** app.
- Find **Calculator** in the **Tools** folder.
- Swipe up from the bottom of the lock screen to display the shortcut panel, then touch to open the calculator.

Use the Scientific Calculator



Open the calculator and rotate your device to landscape orientation.

Copy, Delete, or Clear Numbers

- Copy a calculation result: Touch and hold the calculation result, touch **Copy**, then paste the result somewhere else, such as in a note or message.
- Delete the last digit: Touch the Back button.
- Clear the display: Touch the Clear (C) button.

Flashlight

Torch

You can turn on the flashlight using either of the following methods:

- Swipe down from the status bar to open the notification panel, and touch to turn on the flashlight. Touch the icon again to turn off the flashlight.
- Swipe up from the bottom of the lock screen to display the shortcut panel, and touch to turn on the flashlight. Touch the icon again to turn off the flashlight.

Mirror

Mirror

When you want to know how you look but don't have a real mirror on you, you can use your device as a mirror instead.

Go to **Tools** > **Mirror**. While using your device as a mirror, you can:

- Zoom in or zoom out: Drag the zoom slider at the bottom. You can also touch the screen twice to zoom in and touch it twice again to restore the original view.
- Adjust mirror brightness: Touch or at the top of the screen.
- Make the mirror brighter: Touch and enable **Blow**. Then blow air into the microphone to haze the screen. Wipe the screen to clear the fog.
- Change the mirror frame: Touch and select a different frame.
- Create a broken mirror effect: Touch and hold the screen to "break" the mirror, complete with sound effect. Touch the screen again to "fix" the mirror.

App Twin

App Twin

App Twin enables you to log in to two Facebook accounts simultaneously without the hassle of having to constantly switch between them, allowing you to keep your work and private lives separate.

App Twin will only work with certain apps.

1 Go to **Settings** > **Apps** > **App Twin**, and turn on the switch for the app you want to create a twin of.

2 Two icons for the same app will display on the home screen for you to log in to your separate accounts simultaneously.

3 To disable App twin, touch and hold the twinned version of the app, then touch **Delete**. All the data of the twin app will be deleted.

Quickly Access Frequently Used App Features

Quickly Access Frequently Used App Features

You can access frequently used features of certain apps from app icons on the home screen, and even add shortcuts for these features to the home screen.

Quickly Access Frequently Used App Features



Touch and hold an app icon until a pop-up menu is displayed. Then touch a frequently used feature to access it.

For example, touch and hold the icon, then touch a shooting mode from the pop-up menu to access it.

If no pop-up menu is displayed after you touch and hold an app icon, the app does not support this feature.

Add Frequently Used App Features to the Home Screen

Touch and hold an app icon on your home screen to bring up the pop-up menu. Touch and hold the desired feature and drag it to your home screen to create a shortcut.

Optimizer

Cleanup

You can use **Cleanup** in **Optimiser** to scan for redundant or large files, such as app residue, unwanted installation packages, WeChat data, and more. Once detected, you can choose whether or not to delete files as suggested.

1 Open **Optimiser**, then touch **Cleanup**.

2 When the scan is complete, touch **Clean up** after each item and delete any files you don't need.

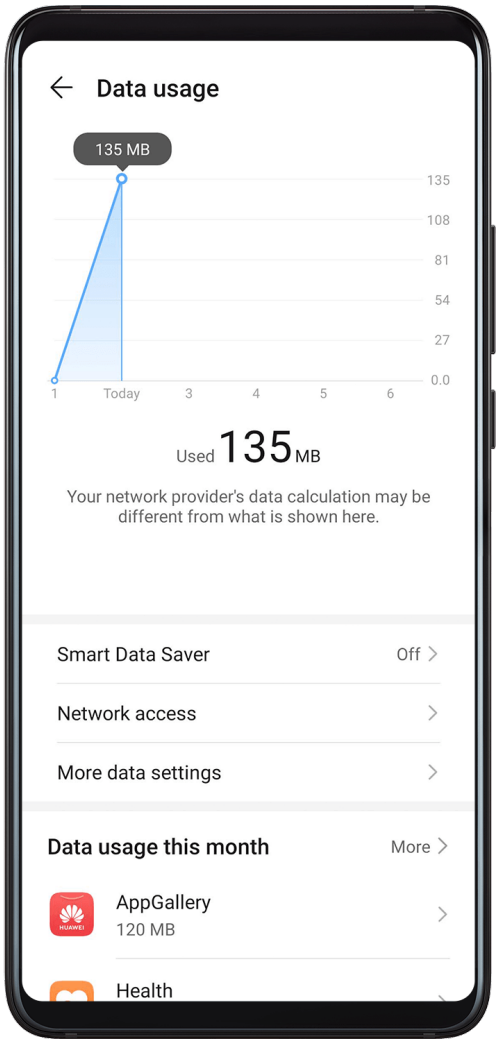
Clean Up Duplicate Files

Optimiser can identify duplicate files on your device.

On the **Cleanup** screen, touch **Duplicate files**, then select unwanted files to delete them.

Manage Data Usage

Open **Optimiser**, then touch **Data usage** to view data usage and manage network access.



View and Manage High Data Consumption Apps

1 You can find out how much data your apps are using in comparison to each other by going to **Data usage this month** on the Data usage screen.

2 Touch a high data consumption app to set mobile data, roaming data, or background data usage limits for it.

View and Set the Network Access Permission of an App

On the Data usage screen, touch **Network access**, then change the settings for apps that consume a large amount of data (such as video streaming apps) so they can only be used when you are connected to a Wi-Fi network.

Enable or Disable Smart Data Saver

Enable Smart data saver to prevent apps from using mobile data in the background.

1 On the Data usage screen, touch **Smart Data Saver**, then enable it. The icon will then display on the status bar.

2 If you want to allow unrestricted access to data for some apps even when they are running in the background, toggle on the switches for these apps.

Add Mobile Data Usage Reminders

Add data plans for your SIM cards and usage reminders in Optimiser to keep you informed of your data consumption.

1 On the **Data usage** screen, go to **More data settings** > **Monthly data limit** and follow the onscreen instructions to add a data plan.

2 On the **More data settings** screen, touch **Usage reminders**. From there, you can set whether a notification will be sent or if mobile data will be disabled once the monthly data limit or roaming data limit has been topped.

3 On the **More data settings** screen, you can set whether to show data used when the screen is locked.

Filter and Block Spam Calls

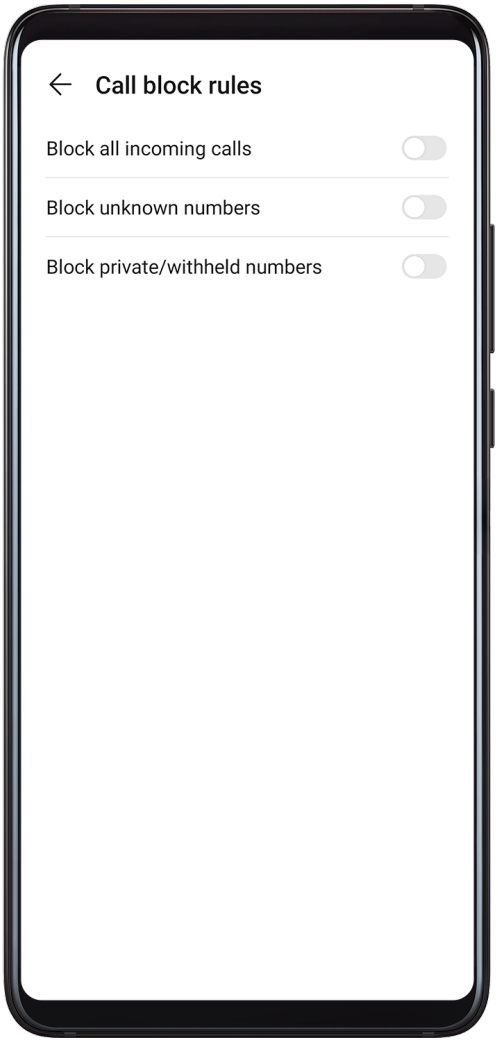
Set different block rules to block sales, fraud, and other kinds of spam calls.

Filter Spam Calls

1 Go to **Phone** > > **Blocked** > and set the block rules.

Alternatively, go to **Optimiser** > **Blocked** > to set the block rules.

2 Touch **Call block rules** and toggle on the switches of corresponding block rules.



Block Incoming Calls from Specific Numbers

You can block incoming calls from specific numbers using either of the following methods:

- Go to **Phone** > > **Blocked** > > **Blocklist**, touch , then add the phone numbers you want to block.
- On the **Phone** screen, touch the **Contacts** tab at the bottom, touch the contact you want to block, then go to > **Block contact**.

Set Whether to Receive Notifications for Blocked Calls

Go to **Phone** > > **Blocked** > > **Receive notifications** and set whether to receive notifications for blocked calls.

Filter and Block Spam Messages

Set different block rules, such as your blocklist, to block sales, fraud, and other kinds of spam messages.

Block Messages from Specific Numbers

1 Go to **Messaging** > > **Blocked** > > **Blocklist**.

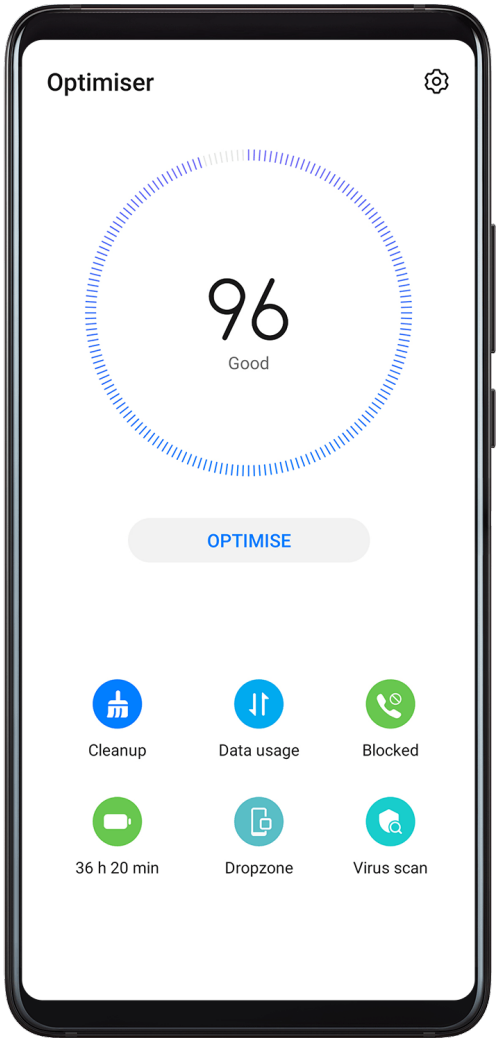
2 Touch + and add the numbers you want to block. SMS and MMS messages sent by these numbers will all be blocked.

Set Whether to Receive Notifications for Blocked Messages

Go to **Messaging** > ⋮ > **Blocked** > ⚙ > **Receive notifications** and set whether to receive notifications when messages are blocked.

One-Touch Optimisation

Use the **OPTIMISE** feature of **Optimiser** to keep your device in an optimal state.



1 Open **Optimiser** and touch **OPTIMISE**.

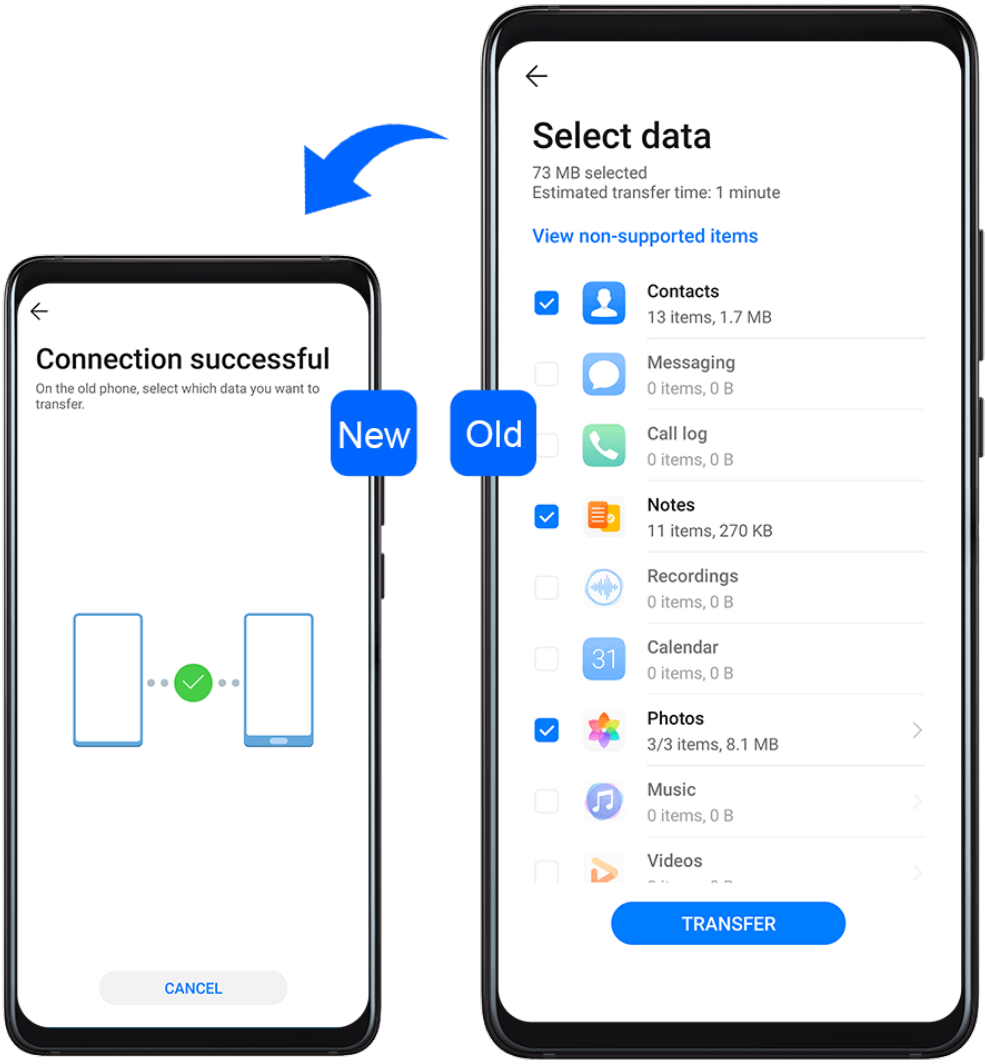
2 Results and recommendations will be displayed once the optimisation is complete.

3 Follow the recommendations according to your requirements to further optimise your device.

Phone Clone

Phone Clone

Phone Clone lets you quickly and seamlessly move all the basic data (including contacts, calendar, images, and videos) from your old device to your new device.



Clone Data from an Android Device

1 On your new device, open **Phone Clone** (in the **Tools** folder by default). Alternatively, go to **Settings** > **System & updates** > **Phone Clone**, touch **This is the new phone**, then touch **Huawei** or **Other Android**.

2 Follow the onscreen instructions to download and install **Phone Clone** on your old device.

3 On your old device, open **Phone Clone** and touch **This is the old phone**. Follow the onscreen instructions to connect your old device with your new device by scanning a code or connecting manually.

4 On your old device, select the data you want to clone, then touch **Transfer** to start cloning.

Phone Clone is only available on devices running Android 4.4 or later.

Clone Data from an iPhone or iPad

1 On your new device, open **Phone Clone** (in the **Tools** folder by default). Alternatively, go to **Settings** > **System & updates** > **Phone Clone**, touch **This is the new phone**, then touch **iPhone/iPad**.

2 Follow the onscreen instructions to download and install **Phone Clone** on your old device.

3 On your old device, open **Phone Clone** and touch **This is the old phone**. Follow the onscreen instructions to connect your old device with your new device by scanning a code or connecting manually.

4 On your old device, select the data you want to clone, then follow the onscreen instructions to complete the data cloning.

Phone Clone is only available on devices running iOS 8.0 or later.

Tips

Tips

Tips provides you with an abundance of information so you can quickly familiarise yourself with your device and make the best use of it. In **Tips**, you can also find a full set of user guides for more detailed instructions.

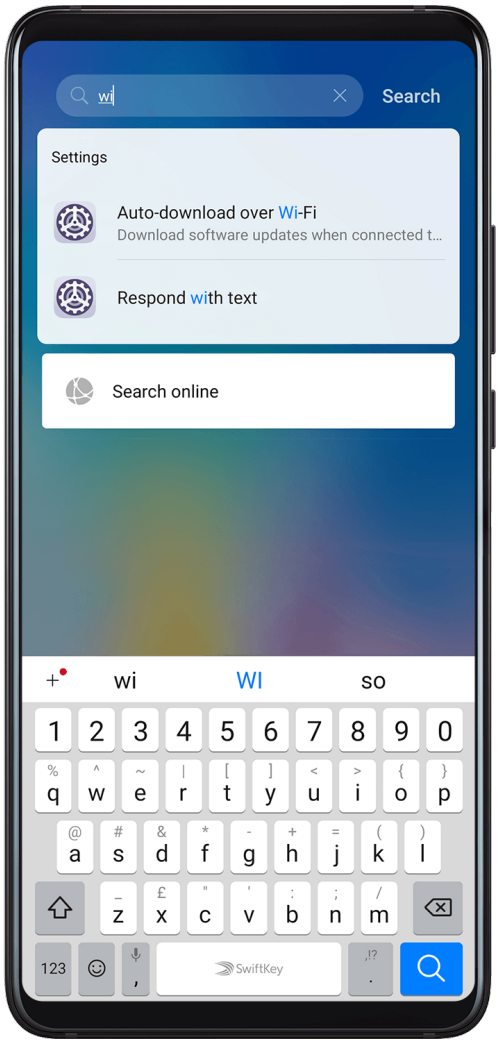
- Vividly depicted cards: Browse through the easy-to-read cards with a short clip or image to quickly get to grips with all the most useful features on your device. The cards are categorised so you can jump directly to a category you are interested in.
- Recommended features: The Recommended section is packed with featured articles and posters arranged by usage scenario to help acquaint you with the more popular features.
- User guides: Find detailed instructions in the comprehensive user guides.
- Try out features: A **Try now** button is available in certain cards for you to try out the feature immediately.
- Search: Find what you're looking for by searching for it in the search bar of **Tips**. The search results will also include related topics you may want to know about.
- You can search **Tips** using either of the following methods as well:
  - Swipe down on the screen to show the search bar and type in what you are looking for.

Settings

Search for Items in Settings

Search for Items in Settings

Tired of trudging through layers of settings options? Just search for them using the search bar or HiVoice.



- Swipe down from the middle of the home screen to show the search bar. Enter the option name, and your device will show search results.
- Open **Settings**, enter the option name in the search box at the top of the screen and your device will show search results.

Wi-Fi

Connect to a Wi-Fi Network

Connecting to the Internet over Wi-Fi is an effective way to save mobile data. You can also enable Wi-Fi security monitoring to avoid risky hotspots and ensure safe Internet access.

Connect to a Wi-Fi Network

⚠ Be extra careful when connecting to a free public Wi-Fi hotspot to avoid security risks and economic loss resulting from the leakage of your personal data.

1 Go to **Settings** > **Wi-Fi**, and enable **Wi-Fi**.

2 Connect to a Wi-Fi network on the **Wi-Fi** screen using either of the following methods:

- Select a Wi-Fi network to connect to under **Available networks**. A password is required for encrypted networks.
- To manually add a Wi-Fi network, scroll down to the bottom of the screen, touch **Add network**, and enter the SSID and password as prompted to complete the connection.

The icon displayed on the status bar indicates that the device is connected to Wi-Fi.

Wi-Fi+

Once Wi-Fi+ is enabled, when your device detects a Wi-Fi network that it has previously connected to or that is free, it will automatically enable Wi-Fi and connect to the network. Your device will also evaluate the stability of Wi-Fi networks and switch to mobile data when the Wi-Fi signal is poor. Please note, this may incur extra charges.

1 Go to **Settings** > **Wi-Fi**.

2 Go to > **Wi-Fi+** and enable or disable **Wi-Fi+**.

Bluetooth

Bluetooth Basics

You can connect your device to Bluetooth headsets, speakers, and car kits. You can also use Bluetooth to share data between your device and other devices.

Make sure your device is within 10 m (about 33 ft.) of other Bluetooth devices.

Enable or Disable Bluetooth

You can enable or disable Bluetooth in either of the following ways:

- Swipe down from the status bar to open the notification panel, then touch to enable or disable **Bluetooth**. Touch and hold the switch to enter the **Bluetooth** settings screen.
- Go to **Settings** > **Bluetooth**, then enable or disable **Bluetooth**.

Set a Bluetooth Name

Set a Bluetooth name for your device to easily identify it during connection.

1 On the **Bluetooth** settings screen, toggle the **Bluetooth** switch on.

2 Touch **Device name**, enter a name, then touch **OK**.

Pair with a Bluetooth Device

1 Enable Bluetooth on the target device and set it to discoverable. For detailed instructions, refer to the device's user guide.

2 From your device, access the **Bluetooth** settings screen, and enable **Bluetooth** to have your device automatically search for nearby Bluetooth devices.

3 From the list of **Available devices**, select the one you want to pair your device with, and follow the onscreen instructions to complete pairing.

On the **Bluetooth** settings screen, touch to view tips for connecting various Bluetooth devices.

Transfer Files via Bluetooth

Within the transmission range, you can use Bluetooth to transfer videos, pictures, contacts, and more to other devices.

1 Pair the sending and receiving devices via Bluetooth.

2 On the sending device, touch and hold the file you want to share, go to **More** > **Share** or touch , and select **Bluetooth**.
The exact operations may vary if you are sharing files within apps.

3 Touch the Bluetooth name of the receiving device to start sharing.

4 On the receiving device, accept the Bluetooth transfer request.

Unpair a Bluetooth Device

1 On the **Bluetooth** settings screen, enable the **Bluetooth** switch.

2 In the list of **Paired devices**, touch next to the name of the device you wish to unpair, then touch **Unpair**.

Mobile Data

Connect to Mobile Data

1 Make sure that mobile data is available on your SIM card.

2 Connect to mobile data using either of the following methods:

- Swipe down from the status bar to open the notification panel, then swipe down further to show all shortcut switches. Touch  to enable **Mobile data**.
- Go to **Settings** > **Mobile network** > **Mobile data** and enable **Mobile data**.

To conserve battery power and reduce data usage, disable the mobile data service when you don't need it.

Manage SIM Cards

You can enable or disable SIM cards and name them for easier identification.

Enable or Disable a SIM Card

Go to **Settings** > **Mobile network** > **SIM management**, and turn on or off the switch for SIM 1 or SIM 2 according to your preferences.

Once disabled, a SIM card cannot be used for calling, messaging, or accessing the Internet.

Name Your SIM Card

You can name your SIM cards for easier identification and management. For example, you could mark one SIM card as "Work" and the other as "Personal".

Go to **Settings** > **Mobile network** > **SIM management** and touch  to edit the SIM card name.

Configure Dual SIM Settings

If your device has two SIM cards inserted, you can set one as the default mobile data SIM and the other as the default calling SIM, or set call forwarding between the two SIM cards.

This feature applies to dual-SIM devices only.

Set a Default Mobile Data and a Default Calling SIM

Go to **Settings** > **Mobile network** > **SIM management** and set SIM 1 or SIM 2 as the default mobile data or default calling SIM.

Enable Call Forwarding Between SIMs

After enabling call forwarding between two SIM cards, incoming calls to an unavailable SIM card will be forwarded to the other one.

This feature requires the support of your mobile carrier. For details, contact your carrier.

1. Go to **Settings** > **Mobile network** > **SIM management** > **Call forwarding between SIMs**.
2. Select a call forwarding mode and turn on the corresponding switch.
   Call forwarding between SIMs is enabled when both switches are on.

Personal Hotspot

Once **Personal hotspot** has been enabled, you can share your mobile data or the Wi-Fi network your device is currently connected to with other devices.

Share Your Network Connection via Personal Hotspot

1 Go to **Settings** > **Mobile network** > **Personal hotspot**.

2 Set **Device name** and **Password**.

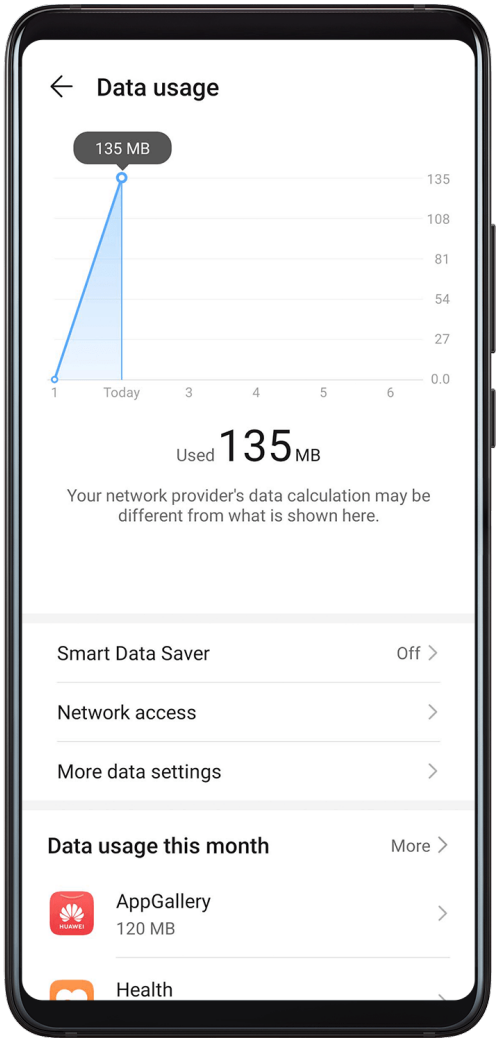
3 Enable **Personal hotspot** and your device will share your mobile data or the Wi-Fi network you are currently connected to with other devices.

4 In the case of a Wi-Fi network, you can set the AP frequency band of the Wi-Fi hotspot. Go to **More** > **AP band** and touch **2.4 GHz** or **5 GHz**.

5 In the case of mobile data, you can set a mobile data limit for a single session. Go to **More** > **Data limit** and set the limit.
When this limit has been reached, your device will automatically disable the hotspot.

Manage Data Usage

Open **Optimiser**, then touch **Data usage** to view data usage and manage network access.



View and Manage High Data Consumption Apps

1 You can find out how much data your apps are using in comparison to each other by going to **Data usage this month** on the Data usage screen.

2 Touch a high data consumption app to set mobile data, roaming data, or background data usage limits for it.

View and Set the Network Access Permission of an App

On the Data usage screen, touch **Network access**, then change the settings for apps that consume a large amount of data (such as video streaming apps) so they can only be used when you are connected to a Wi-Fi network.

Enable or Disable Smart Data Saver

Enable Smart data saver to prevent apps from using mobile data in the background.

1 On the Data usage screen, touch **Smart Data Saver**, then enable it. The  icon will then display on the status bar.

2 If you want to allow unrestricted access to data for some apps even when they are running in the background, toggle on the switches for these apps.

Add Mobile Data Usage Reminders

Add data plans for your SIM cards and usage reminders in Optimiser to keep you informed of your data consumption.

1 On the **Data usage** screen, go to **More data settings** > **Monthly data limit** and follow the onscreen instructions to add a data plan.

2 On the **More data settings** screen, touch **Usage reminders**. From there, you can set whether a notification will be sent or if mobile data will be disabled once the monthly data limit or roaming data limit has been topped.

3 On the **More data settings** screen, you can set whether to show data used when the screen is locked.

More Connections

Airplane Mode

When traveling by plane, you can enable **Airplane mode** if allowed to do so by the airline. In **Airplane mode**, your device will not be able to make calls, send or receive SMS messages, or use mobile data, but you can use all of its other functions.

You can enable or disable **Airplane mode** using either of the following methods:

- Swipe down from the status bar to open the notification panel, then swipe down on it again to show all shortcuts. Touch  to enable or disable **Airplane mode**.
- Go to  **Settings** > **Mobile network**, and enable or disable **Airplane mode**.

Once **Airplane mode** has been enabled, Wi-Fi and Bluetooth will automatically be disabled. You can re-enable them if allowed to do so by the airline.

NFC

Near Field Communication (NFC) is a short-range wireless communications technology that allows mobile and other electronic devices to connect in countless ways.

Enable **Read and write/P2P** on the NFC settings screen if available. Features may vary depending on your network provider.



Enable or Disable NFC

You can enable or disable NFC as follows:

- Swipe down from the status bar to open the notification panel, then swipe down further to show all shortcut switches. Touch to enable or disable **NFC**. Touch and hold the switch to enter the **NFC** settings screen.
- Go to **Settings** > **More connections** > **NFC**, and toggle the **NFC** switch on or off.

Make Quick Payments with NFC

If you have installed a payment app (such as Alipay or WeChat) on your device and enabled the payment service, you can make payments with NFC.

1 Go to **Settings** > **More connections** > **NFC**, and enable **NFC**.

2 Touch **Default app** on the **NFC** settings screen, then select a default payment app, like WeChat.

3 Enable NFC payments in the payment app. For example, in WeChat, go to **Me** > **Settings** > **General** and enable **NFC**.

4 Hold the NFC sensor (located near the rear camera) of your device against that of a POS terminal to enter the payment screen automatically. Complete the payment with a password or fingerprint.

Wireless Projection

You can connect your device to an external display (for example, a TV) wirelessly.



1 Based on the model and functions of your external display, do the following:

- If the external display supports Miracast, enable wireless projection on it.
- If not, use a wireless HDMI adapter to connect your device and external display. Ensure that the wireless HDMI adapter is connected to a power supply.

To check whether your external display supports Miracast and how to enable wireless projection on it, consult the user guide or customer service of the external display manufacturer.

2 Swipe down from the status bar to open the notification panel, then touch to turn on **Wi-Fi**.

3 Swipe down further on the notification panel to enable **Wireless Projection**. Your device will now search for the external display or the wireless HDMI adapter.

Alternatively, go to **Settings** > **More connections** > **Easy Projection** and enable **Wireless Projection**.

4 Touch the name of the external display or the wireless HDMI adapter on the search result list to start projecting.

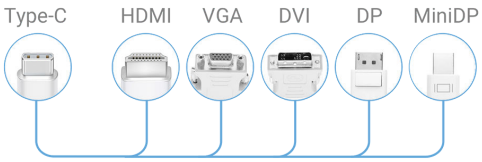
Wired Projection

You can connect your device to an external display (for example, a TV) using a wired connection.

It is recommended that you purchase the accessories recommended or specified by Huawei from authorised sources.

Projection Using a Type-C Cable

1 Prepare a Type-C cable.
Use a Type-C to HDMI, Type-C to DP, or Type-C to MiniDP cable depending on your external display.



2 Connect the Type-C end to your device and the other end to the external display.



3 On the external display, set the corresponding HDMI, DP, or MiniDP input as the signal source.

Projection Using a Docking Station

If you need to connect your device to an external display and use a wired mouse and keyboard, use a docking station with a USB port.

1 Prepare a docking station.
Multiple types of ports are available on a docking station. If your external display supports HDMI and you need to use a wired mouse and keyboard, use a docking station with at least one HDMI port and two USB ports.



2 Connect your device and the external display through the docking station, then connect the wired mouse and keyboard to the docking station.



3 On the external display, set the corresponding HDMI, DP, or MiniDP input as the signal source.

Huawei Share

Huawei Share is a wireless sharing technology that allows you to quickly transfer images, videos, documents, and other types of files between devices. This technology relies on Bluetooth to discover nearby devices, and uses Wi-Fi Direct to transfer files without using mobile data.

Enable or Disable Huawei Share

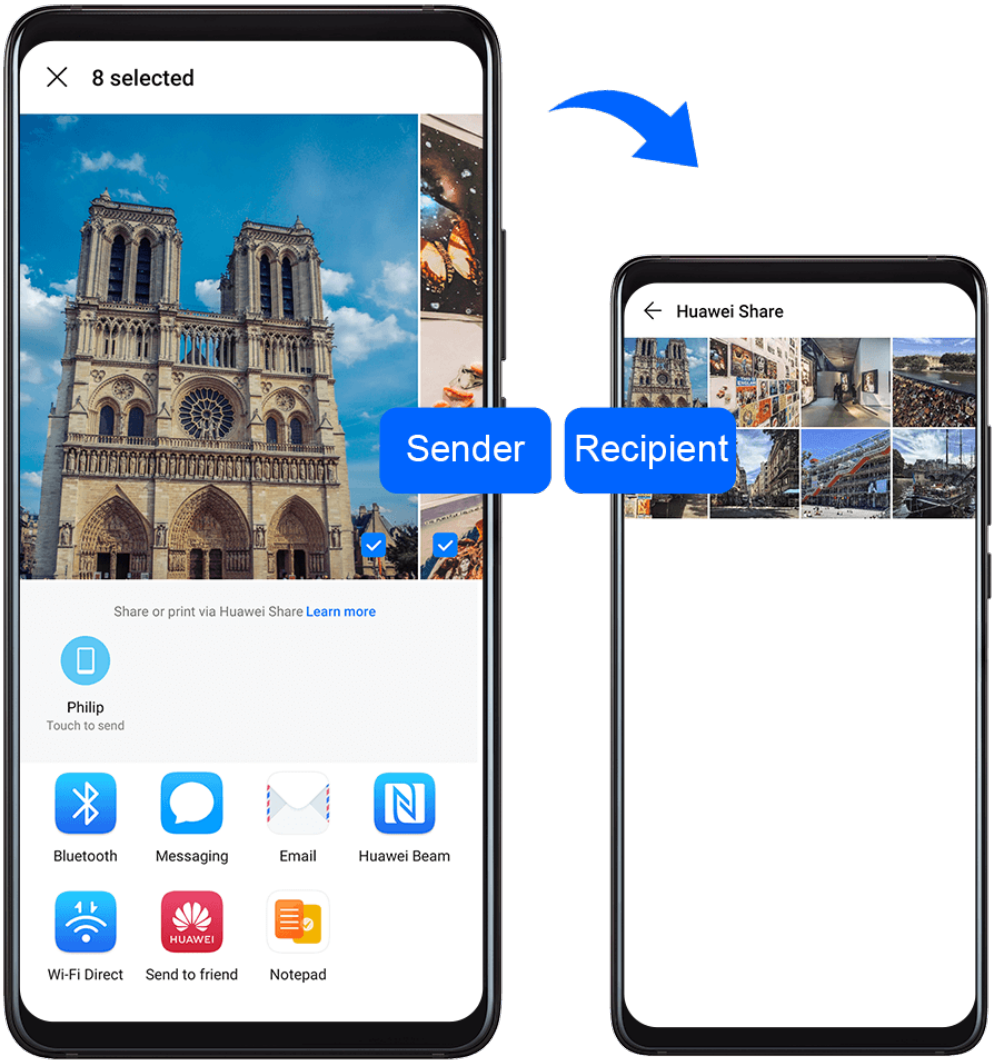
You can enable or disable Huawei Share in either of the following ways:

- Swipe down from the status bar to open the notification panel, then touch to enable or disable **Huawei Share**. Touch and hold the switch to enter the **Huawei Share** settings screen.
- Go to **Settings** > **More connections** > **Huawei Share**, enable or disable **Huawei Share**.

Enabling Huawei Share automatically turns on Wi-Fi and Bluetooth.

Quickly Share Files Between Devices

You can use Huawei Share to quickly share files between Huawei devices. The recipient can preview the files before they are sent, then view the full content of the files once they have been received. For example, the recipient can view received pictures or videos in Gallery.



1 On the receiving device, enable **Huawei Share**.

2 On the sending device, touch and hold the file you want to share, then go to **More** > **Share** or touch . Touch **Huawei Share**, then touch the name of the receiving device to send the file.

The exact operations may vary if you are sharing files directly from apps.

3 On the receiving device, touch **ACCEPT** to accept the transfer.

To view the received files, go to **Files**, select the **Categories** tab, then go to **Internal storage** > **Huawei Share**.

Received pictures or videos can also be found in **Gallery** > **Albums** > **Huawei Share**.

Share Files Between Your Device and Computer

You can use Huawei Share to quickly and easily share files wirelessly between your device and a computer.



1 Make sure your device and computer are connected to the same Wi-Fi network.

If the computer is a MagicBook (PC Manager earlier than version 9.1), this is not necessary. All you need to do is make sure its Wi-Fi and Bluetooth switches are enabled.

2 On your device, enter the **Huawei Share** settings screen, and enable **Huawei Share** and **Computer share**.

3 Record the **Name shown on computers** and the user name and password under **Verification on computers**.

4 On your computer, go to:

- Windows: **Computer** > **Network**
- iOS (iOS 10.8 or later): **Finder** > **Go to** > **Network**

5 On your computer, double-click the name of your device, and enter the user name and password recorded earlier.

6 Open a folder of your device such as the Internal storage folder, then view, edit, or copy files from the folder to the computer, or copy files from the computer to this folder to store them in your device.

You can also edit the files in this folder on your computer, and the changes will be synced to your device automatically. Similarly, if you edit any files on your device, the changes will be synced to your computer as well.

One-Touch Printing with Huawei Share

When a printer that supports Huawei Share is nearby, you can use Huawei Share to find the printer and print out pictures or PDF files from your device.



1 Depending on the type of printer, ensure the following:

- Wi-Fi capable printers: The printer must be powered on and connected to the same network as your device.
- Wi-Fi Direct capable printers: The printer must be powered on and have Wi-Fi Direct enabled.
- Bluetooth capable printers: The printer must be powered on and discoverable.

2 On your device, preview the file to be printed, then go to **Share** > **Huawei Share**.

3 Once the printer has been discovered, touch its name on your device, and adjust settings on the preview screen. Then touch **PRINT** to print.
If you are connecting a Bluetooth printer to your device for the first time, find the printer on your device, touch the printer name, then press and hold the Power button on the printer for about 1 second to confirm the connection.

For a list of supported printers, touch **Learn more** on the Huawei Share sharing screen, swipe left on the screen, then touch **What printers are supported?** to see the list.

Printing

Connect your device to a Mopria-certified printer via Wi-Fi, and then you will be able to print images and documents from your device.

Connect Your Device to a Printer

1 Check the printer manual or consult with its manufacturer to verify that it is Mopria-certified.
If it is not, consult with its manufacturer to install the corresponding app or plug-in for it on your device.

2 Connect your device and the printer to the same Wi-Fi network using any of the following methods:

- Connect to a Wi-Fi router: Enable Wi-Fi on the printer and connect it to the Wi-Fi router. On your device, go to **Settings** > **Wi-Fi**, enable **Wi-Fi**, touch the same Wi-Fi router, and follow the onscreen instructions to complete the settings.
- Connect with Wi-Fi Direct: If your printer supports Wi-Fi Direct, follow the instructions in the printer manual to enable this feature. On your device, go to **Settings** > **Wi-Fi**, enable **Wi-Fi**, go to ⋮ > **Wi-Fi Direct**, then touch the printer to establish the connection.
- Connect to your printer's hotspot: If your printer can double as a wireless hotspot, follow the instructions in the printer manual to enable the hotspot and set a password. On your device, go to **Settings** > **Wi-Fi**, enable **Wi-Fi**, touch the printer's hotspot, then follow the onscreen instructions to complete the settings.

3 Go to **Settings** > **More connections** > **Printing** > **Default Print Service**, and enable **Default Print Service**.

4 Select the printer from the search results and follow the onscreen instructions to add the printer.

Print Files

To print files in **Gallery** and **Notepad**, do the following:

- Print an image: Open **Gallery**. Open the image you want to print, go to **More** > **Print or export to PDF**, select the printer, then follow the onscreen instructions to complete the printing.
- Print a note: Open **Notepad**. Open the note you want to print, touch **Print**, then follow the onscreen instructions to complete the printing.

Connect to a VPN Network

A virtual private network (VPN) is a temporary connection that extends a private network across a public network, encrypting data transmission to provide security.

When working outside the office, you can use a VPN to securely access your company's Intranet.

The following types of servers are supported:

- PPTP: It stands for Point-to-Point Tunneling Protocol, offering MPPE encryption.
- L2TP: It stands for Layer 2 (Data Link Layer) Tunneling Protocol, offering IPSec PSK and IPSec RSA encryption.
- IPSec Xauth: Offering PSK, RSA, and Hybrid RSA encryption.

Connect to a PPTP Server

1. Obtain the VPN server name and address from your VPN server administrator.
2. Go to **Settings** > **More connections** > **VPN** > **Add VPN network**, enter the VPN name, set the server type to PPTP, then enter the server address.
3. If the VPN server does not have a DNS address, touch **Show advanced options**, then enter the DNS domain, DNS server address, and forwarding route.
4. Touch **Save**.
5. Touch the VPN you have just set up, enter your VPN user name and password, then touch **Connect**.

Connect to a L2TP/IPSec PSK Server

1. Obtain the VPN server name, server address, L2TP key (optional), IPSec identifier (optional), and IPSec pre-shared key from your VPN server administrator.
2. Go to **Settings** > **More connections** > **VPN** > **Add VPN network**, enter the VPN server name, set the server type to L2TP/IPSec PSK, then enter the server address, L2TP key, IPsec identifier, and IPsec pre-shared key.
3. If the VPN server does not have a DNS address, touch **Show advanced options** and enter the DNS domain, DNS server address, and forwarding route.
4. Touch **Save**.
5. Touch the VPN you have just set up, enter your VPN user name and password, then touch **Connect**.

Home Screen & Wallpaper

Manage the Home Screen

You can customise the home screen layout to suit your device usage habits.

Move an App Icon on the Home Screen

Touch and hold an app icon until your device vibrates, then drag it to the desired position on the home screen.

Keep Home Screen Icons Aligned

Pinch two fingers on the home screen to access **Home screen settings** mode, then enable **Auto-align**. With this feature enabled, empty spaces will automatically be filled when apps are removed.

Lock Home Screen Icon Positions

Pinch two fingers on the home screen to access **Home screen settings** mode, then enable **Lock layout**.

Select the Home Screen Layout Pattern

Pinch two fingers on the home screen, go to **Home screen settings** > **Layout**, then select a layout pattern you prefer.

Put App Icons in Folders

For easy management of your app icons on the home screen, you can stack similar apps in a folder and name the folder.

1. Touch and hold an app icon until your device vibrates, then drag it over another app. A folder will automatically be created to house these two apps.
2. Open a folder, touch its name, then enter a name for it.

Add App Icons to a Folder or Remove Them

Open a folder and touch . Then you can:

- Select one or more apps, and touch **OK** to add them to the folder.
- Deselect one or more apps, and touch **OK** to remove them from the folder. If you deselect all apps, the folder will be deleted.

Relocate a Screen Page

1. Pinch together two fingers on the home screen to access the Home screen editor.
2. Touch and hold the screen page you wish to relocate, then drag it to the desired position.

App Drawer

You can put your apps in a drawer and display only frequently used apps on your home screen to streamline your home screen.



Enable App Drawer

Go to **Settings** > **Home screen & wallpaper** > **Home screen style**, and select **Drawer**.

Once enabled, you can swipe up on the home screen to access all of your apps in the drawer.

Add Apps in the Drawer to the Home Screen

In Drawer mode, you can swipe up on the home screen to display the App Drawer. Touch and hold the app you want to add until your device vibrates, then drag it to the desired position on the home screen.

Move Apps Back to the Drawer

Touch and hold an app icon until your device vibrates, then touch **Remove**. This operation will only remove the app icon from your home screen but will not uninstall it.

You can still find it in the app drawer.

Disable the Drawer Style

To disable the drawer style, set **Home screen style** to **Standard**.

Display & Brightness

Brightness, Colour, and Colour Temperature

You can set the screen brightness, colour mode, and colour temperature according to your preferences.

Automatically Adjust the Screen Brightness

Go to **Settings** > **Display & brightness**, and enable **Automatic**.

Your device will automatically adjust the screen brightness according to the ambient lighting conditions.

Manually Adjust the Screen Brightness

You can manually adjust the screen brightness using either of the following methods:

- Swipe down from the status bar to open the notification panel. In the section, drag the slider to adjust the screen brightness.
- Go to **Settings** > **Display & brightness**. In the section, drag the slider to adjust the screen brightness.

Dark Mode

In low light conditions or at night, you can enable **Dark mode** to apply a darker colour scheme, which helps prevent excessive screen light from irritating your eyes.

Go to **Settings** > **Display & brightness**, and enable or disable **Dark mode**.

Adjust Text Style Settings

You can adjust the system text size and app display size, as well as the text style.

Enlarge or Reduce Text Size

Go to **Settings** > **Display & brightness** > **Text and display size**, and drag the slider for **Text size**.

Enlarge or Reduce Display Size

Display size determines the size of content (including text and images) displayed within apps.

Go to **Settings** > **Display & brightness** > **Text and display size**, and drag the slider for **Display size**.

Screen Resolution

Use Smart Screen Resolution

Go to **Settings** > **Display & brightness** > **Screen resolution**, and enable **Smart Resolution**. Your device will automatically adjust the screen resolution according to the current running status.

Set the Screen Resolution

Go to **Settings** > **Display & brightness** > **Screen resolution**, and select a screen resolution according to your preferences. A higher screen resolution will result in a clearer display, but will consume more power.

Full Screen

Apply Full Screen Display

- Most apps installed on your device will automatically adapt to display correctly in full screen.
- For apps that don't, go to **Settings** > **Display & brightness** > **More display settings** > **Full-Screen Display**, and toggle on their switches. Enabling **Full-Screen Display** may cause some apps to display incorrectly, for instance, by being improperly stretched.

Show the Notch

1. Go to **Settings** > **Display & brightness** > **More display settings** > **Notch**, and select **Default**.
2. If you want to show or hide the notch for a specific app, touch **Custom**, select the app, then select one of the following options:
   - **Auto**
   - **Show notch**
   - **Hide notch**

Hide the Notch

Go to **Settings** > **Display & brightness** > **More display settings** > **Notch**, and select **Hide notch**.

Display Carrier Name and Network Speed in the Status Bar

You can check the carrier name and network speed with a single glance at the status bar.

Go to **Settings** > **Display & brightness** > **More display settings**, and enable or disable **Display carrier name** and **Display network speed** according to your preferences.

Sounds & Vibration

Do Not Disturb

Do Not Disturb helps you prevent interruptions when you need to focus. When this mode is enabled, calls and messages will be muted and banner notifications will not be displayed.

Enable or Disable Do Not Disturb Mode

You can enable or disable **Do Not Disturb** using either of the following methods:

- Swipe down from the status bar to open the notification panel, then swipe down on it again to show all shortcuts. Touch to enable or disable **Do Not Disturb**. You can touch and hold to access the **Do Not Disturb** settings screen.
- Go to **Settings** > **Sounds & vibration** > **Do Not Disturb**, and enable or disable **Do Not Disturb**.

Once **Do Not Disturb** is enabled, will be displayed in the status bar, calls and messages will be muted, and banner notifications will not be displayed.

Set a Schedule for Do Not Disturb Mode

Go to **Settings** > **Sounds & vibration** > **Do Not Disturb**, touch **Scheduled**, set the time period and repeat cycle, then enable **Scheduled**.

Make Exceptions in Do Not Disturb Mode

While in **Do Not Disturb** mode, you can enable your device to ring for calls and messages from certain sources so you don't miss anything important.

Go to **Settings** > **Sounds & vibration** > **Do Not Disturb**, and enable **Do Not Disturb** or **Scheduled**. Then you can:

- Touch **Calls** or **Messages** and select one of the options. If you set an exception, your device will ring for calls or messages from the selected source.
- Once **Repeated calls** is enabled, a second call from the same number within 15 minutes will not be silenced.

Set a Ringtone for Incoming Calls

You can set your favorite music or a video as the ringtone for incoming calls.

If two SIM cards have been inserted into your device, configure the ringtone separately for SIM 1 and SIM 2.

Set a Music Ringtone

1 Go to **Phone** > > **Settings** > **Ringtone** or **Settings** > **Sounds & vibration** > **Phone ringtone**.

2 Select a system ringtone, or touch **Music on device** to select a local song as the ringtone.

Set the Notification Tone

You can set a global notification tone or set tones for specific apps, such as Notepad or Calendar.

Set the Default Notification Tone

1 Go to **Settings** > **Sounds & vibration**, and touch **Notification sound**.

2 Select a preset tone, or touch **Music on device** to select a local song as the notification tone.

Set the Notification Tone for a Specific App

You can set the notification tone for certain apps by doing the following:

1 Go to **Settings** > **Apps** > **Apps**.

2 Select an app (for example, **Notepad**).

3 Go to **Notifications** > **Sound**.

4 Select a preset tone, or touch **Music on device** to select a local song as the notification tone.

Huawei Histen Sound Effects

Huawei Histen sound effects, with 3D surround sound support, deliver vibrant and crisp sound to create an immersive audio experience.

Huawei Histen sound effects are only available when a headset is plugged in.

Go to **Settings** > **Sounds & vibration** > **Huawei Histen sound effects** and select an option:

- **Auto**: Automatically identifies what you are playing and intelligently applies sound effects to optimise your experience.
- **3D audio**: Delivers 3D spatial sound.
- **Natural**: Faithfully reproduces the original sound.
- **Standard**: Requires less power for audio playback. You can also customise equaliser settings yourself to achieve the exact sound you are looking for.

Auto, **3D audio**, and **Standard** modes allow you to select a headset type so your device can match the sound effects to your headset. Use an original Honor headset adapter with a 3.5 mm headset to benefit from this feature.

Notifications

App Badges

When new notifications arrive for an app, a badge will appear on the app icon. By default, a numbered badge is displayed. You can also set a dot as the badge, or hide the badge for some or all apps.

Turn Off App Badges

1 Go to **Settings** > **Notifications**, and touch **App icon badges**.

2 Turn off the switch for some or all apps.

Change the Badge Display Mode

On the **App icon badges** screen, touch **Badge display mode**, and select **Numbers** or **Dots** according to your preference.

More Notification Settings

Notifications Turn on Screen

Go to **Settings** > **Notifications** > **More notification settings** and enable **Wake screen**. Your device will automatically turn on the screen when it receives a notification.

Disable App Notifications

Disable App Notifications in the Notification Panel

When you receive an app notification, swipe down from the status bar to open the notification panel. On a notification, swipe left and hold, go to > **More settings**, then disable **Allow notifications**.

Disable App Notifications

Go to **Settings** > **Notifications**. Then you can:

- Locate and touch the app which you want to disable notifications for, then disable **Allow notifications**.
- Touch **Manage all**, then turn off the switches for multiple apps which you want to disable notifications for.

Disable App Notifications in Settings

1 Go to **Settings** > **Apps** > **Apps** and search for the app which you want to disable notifications for.

2 Touch the app icon, then touch **Notifications** and disable **Allow notifications**.

Notifications can't be disabled for some system apps.

Biometrics & Password

Fingerprint ID

You can enrol a fingerprint and then use it to unlock the screen and access your Safe, App lock, and more.

Enrol a Fingerprint

For enhanced security, you can enrol a fingerprint only when **Pattern**, **4-digit PIN**, **Custom PIN**, or **Password** is being used as the unlock method. After a restart or if fingerprint recognition fails, you will need to use your lock screen password to unlock your device.

1 Go to **Settings** > **Biometrics & password** > **Fingerprint ID** and follow the instructions to set or enter the lock screen password.

2 Touch **New fingerprint** to begin enroling your fingerprint.

3 Place your fingertip on the fingerprint sensor. When you feel a vibration, lift your finger then press again. Move your finger around to enrol different parts of it.

4 When the enrolment has been completed, touch **OK**.

You can now place your finger on the fingerprint sensor to unlock the screen.

Identify a Fingerprint

Fingerprint identification allows you to match your fingers with the enroled fingerprints.

1 Go to **Settings** > **Biometrics & password** > **Fingerprint ID** and enter your lock screen password.

2 In the **Fingerprint list** section, touch **Identify fingerprint**.

3 Touch the fingerprint sensor with your finger. The recognised fingerprint will be highlighted.

Use Your Fingerprint to Access Your Safe

1 Go to **Settings** > **Biometrics & password** > **Fingerprint ID** and enter your lock screen password.

2 Turn on the switch for **Access Safe** and follow the onscreen instructions to link your fingerprint with the Safe.

Now you can go to **Files** > **Categories**, touch **Safe**, then use your fingerprint to access it.

Use Your Fingerprint to Access a Locked App

1 Go to **Settings** > **Biometrics & password** > **Fingerprint ID** and enter your lock screen password.

2 Turn on the switch for **Access App Lock** and follow the onscreen instructions to link your fingerprint with App lock.

You can now touch a locked app on your home screen and use your fingerprint to access it.

Enable and Use Fingerprint Payment

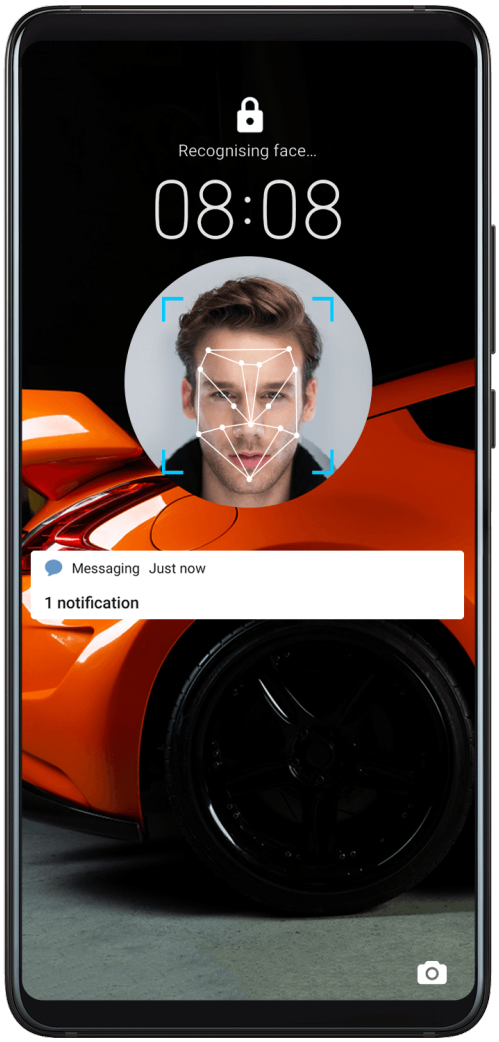
You can use your fingerprint to verify your payments in a payment app.

Go to the payment app and follow the onscreen instructions to enable this feature.

Facial Recognition

Face Recognition allows you to unlock your device or access locked apps with your facial data, even in dark environments.

Ensure that you are facing the device screen when using face recognition.



Enrol Facial Data

1 Go to **Settings** > **Biometrics & password** > **Face Recognition**, and enter your lock screen password.

2 Select **Enable raise to wake**.

3 Touch **Get started** and follow the onscreen instructions to enrol your facial data.

Enable Face Unlock

On the **Face Recognition** screen, touch **Unlock device**, and select an unlock method.

If you have enabled PrivateSpace on or added multiple users to your phone, you can use Face unlock only in MainSpace or with the Owner account.

Access App Lock with Face Recognition

On the **Face Recognition** screen, enable **Access App Lock**, and follow the onscreen instructions to add your facial data to App lock.

You can then touch a locked app on your home screen and use face recognition to access the app.

Disable or Delete Facial Data

On the **Face Recognition** screen, you can do the following:

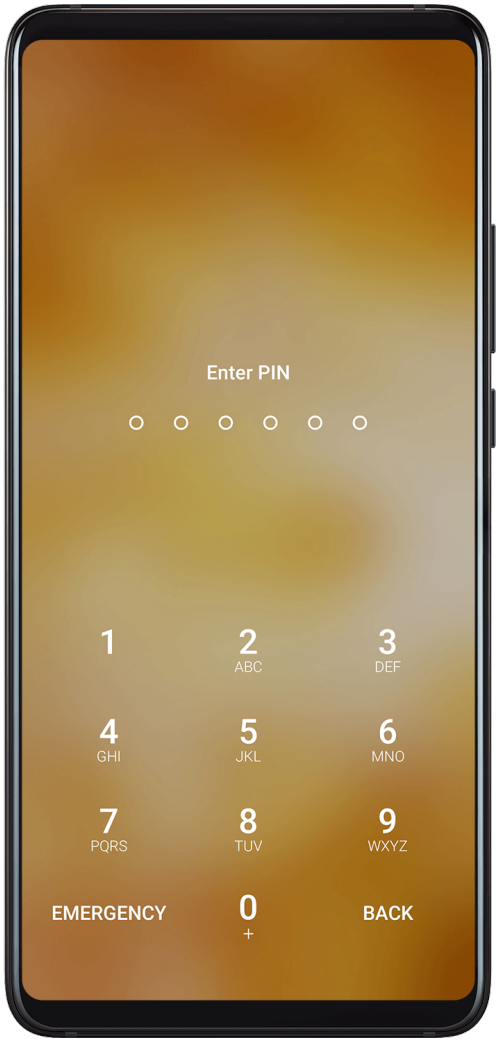
- Disable facial data for certain features: Disable **Unlock device**, or **Access App Lock** as required. This will not delete your facial data.
- Delete facial data: Touch **Delete facial data** and follow the onscreen instructions to delete your facial data.

Lock Screen Password

You can set a numeric, pattern, or hybrid password as your lock screen password.

Set the Lock Screen Password

You can set a numeric, pattern, or hybrid password.



1 Go to **Settings** > **Biometrics & password** and touch **Lock screen password**.

2 Enter a password containing 6 digits.

3 Alternatively, touch **Change unlock method** and select a password type, then follow the onscreen instructions to input a new password.

Change the Lock Screen Password

1 On the **Biometrics & password** screen, go to **Change lock screen password**.

2 Enter the original lock screen password.

3 Enter a new password, or touch **Change unlock method** to select a password type, then follow the onscreen instructions to input a new password.

Disable Lock Screen Password

On the **Biometrics & password** screen, go to **Disable lock screen password**.

Apps

App Twin

App Twin enables you to log in to two Facebook accounts simultaneously without the hassle of having to constantly switch between them, allowing you to keep your work and private lives separate.

App Twin will only work with certain apps.

1 Go to **Settings** > **Apps** > **App Twin**, and turn on the switch for the app you want to create a twin of.

2 Two icons for the same app will display on the home screen for you to log in to your separate accounts simultaneously.

3 To disable App twin, touch and hold the twinned version of the app, then touch **Delete**. All the data of the twin app will be deleted.

View or Change App Settings

Go to **Settings** > **Apps** > **Apps**, and touch an app. You can force stop it, uninstall it, clear the app cache, view and change app permissions, set notification modes, and more.

Battery

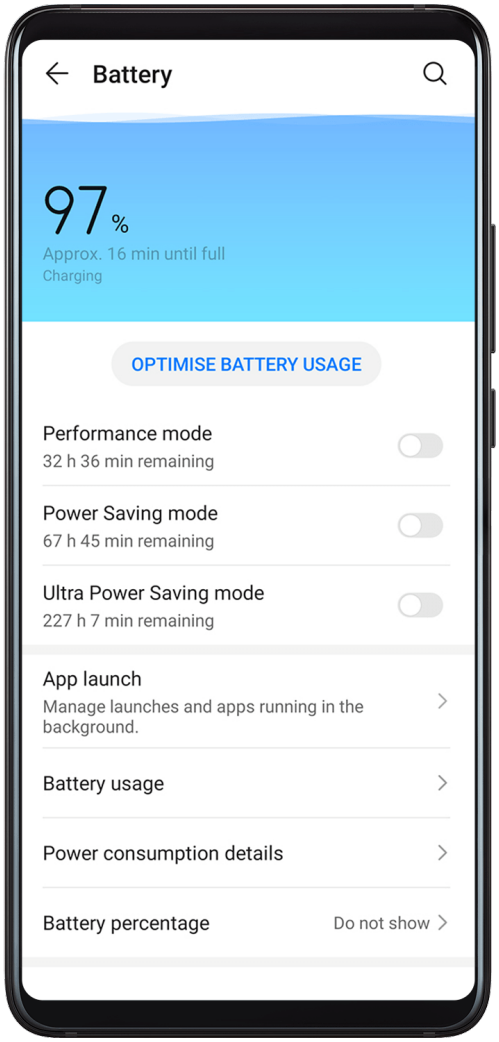
Check Power Consumption

Go to **Settings** > **Battery** (or **Optimiser** >). You can:

- Touch **Battery usage** to view power-intensive apps. Touch a power-intensive app to enable or disable power consumption alerts.
- Touch **Power consumption details** to learn more about the software and hardware power consumption.

Power Management

On the **Battery** screen, you can check the estimated battery time remaining, and enable a power saving mode to extend the battery life of your device.



Optimise Device Power Settings

Go to **Settings** > **Battery** (or **Optimiser** >) and touch **Optimise battery usage**. Your device will automatically analyse the current power consumption issues, optimise certain settings, and recommend other setting optimisations.

Enable a Power Saving Mode

Your device supports two power saving modes:

- **Power Saving mode** reduces power consumption by limiting background app activity, visual effects, and sounds.
- **Ultra Power Saving mode** strictly controls background apps to ensure that your device can stay on for as long as possible. In this mode, you will only be able to use selected apps, and all system switches, except for Wi-Fi and mobile data, will be turned off.

On the **Battery** screen, select a power saving mode:

- When the battery level is extremely low, enable **Ultra Power Saving mode**. Your device will then display a black home screen.

  To add apps you wish to use in **Ultra Power Saving mode**, touch , and select the apps from the list. You can touch to remove the apps, or touch in the upper right corner to exit **Ultra Power Saving mode**.

- When the battery level is not extremely low, but you would still like to save power, enable **Power Saving mode**. The  icon will then display in the status bar.

Enable Performance Mode

Performance mode adjusts power settings to deliver maximum performance. This will cause the battery to drain more quickly, especially when graphic-intensive apps are used.

When the battery level is sufficient, go to **Settings** > **Battery** (or **Optimiser** >) and enable **Performance mode**.

The  icon will then display in the status bar.

Battery Settings

You can also set whether to display the battery percentage in the status bar, and whether to maintain a network connection when the device screen is turned off.

Display Battery Percentage on the Status Bar

Go to **Settings** > **Battery** (or **Optimiser** >), touch **Battery percentage**, and choose to display the battery percentage, either inside or outside of the battery icon on the status bar.

Stay Connected while Your Device is Sleeping

If you would like your device to continue to receive messages or download data while it is in sleep mode, set to keep your device connected when it sleeps. Please note that this may increase power consumption.

On the **Battery** screen, touch **More battery settings**, then enable or disable **Stay connected when device sleeps** as required.

Storage

Check Storage Usage

Go to **Settings** > **Storage** to check storage usage and optimise it when you feel necessary.

Cleanup

You can use **Cleanup** in **Optimiser** to scan for redundant or large files, such as app residue, unwanted installation packages, WeChat data, and more. Once detected, you can choose whether or not to delete files as suggested.

1 Open **Optimiser**, then touch **Cleanup**.

2 When the scan is complete, touch **Clean up** after each item and delete any files you don't need.

Clean Up Duplicate Files

Optimiser can identify duplicate files on your device.

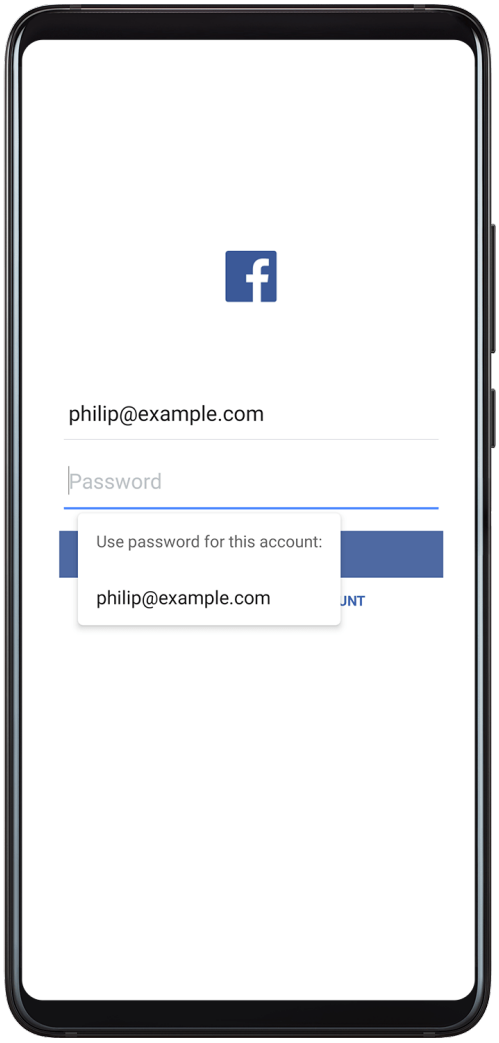
On the **Cleanup** screen, touch **Duplicate files**, then select unwanted files to delete them.

Security

Password Vault

Password Vault saves your usernames and passwords and autofills them for you each time you log in to an app. This data is hardware encrypted and stored only on your device. Huawei does not have access to it, and will not upload it to the network or server.

Password Vault is only compatible with certain apps.



Log In Faster with Password Vault

1 When you log in to an app for the first time, your device will automatically prompt you to save the password. Touch **SAVE** when prompted.

If you accidentally touch **Never save**, you can still enable the autofill feature for this app by going to **Settings** > **Security** > **Password Vault** > **Autofill settings**, and toggling on the switch next to this app. When the switch is toggled off, the autofill feature will be disabled.

2 If you log out of the app, the next time you log in, your device will autofill the username and password once you have verified your identity with your lock screen password, fingerprint, or face ID.

When you switch to a new Huawei device, you can use Phone Clone to transfer data in Password Vault to your new device.

View or Delete Stored Usernames and Passwords

You can view or delete the usernames and passwords stored in Password Vault at any time.

Go to **Settings** > **Security** > **Password Vault** > **ACCOUNTS** to view or delete the stored usernames and passwords.

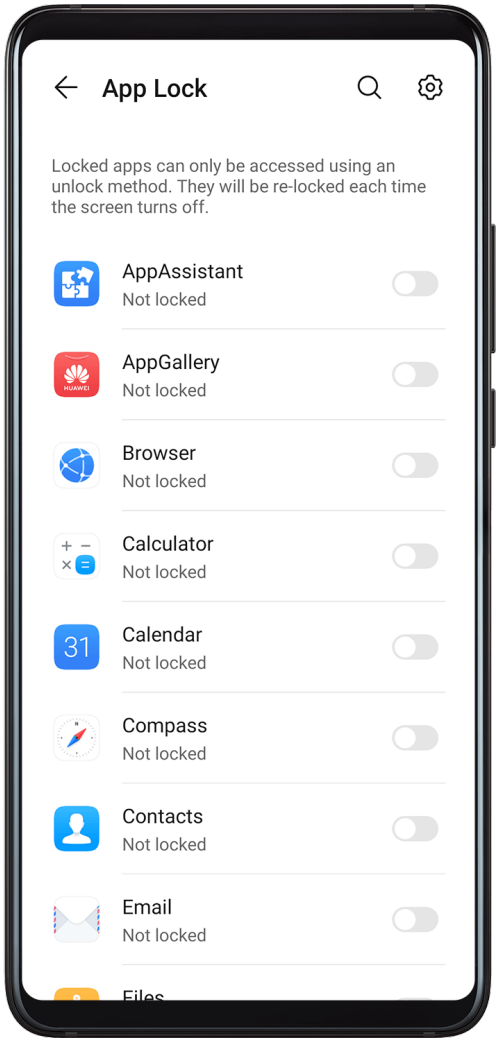
Disable Password Vault

Password Vault is enabled by default, but can be disabled if required.

Go to **Settings** > **Security** > **Password Vault**, and disable **Password Vault**.

App Lock

You can lock apps containing private data, such as chat and payment apps, to prevent unauthorised access.



Enable App Lock

Go to **Settings** > **Security** > **App Lock** > **Enable**, set the App Lock password and select the apps to lock.

If you have enabled face or fingerprint unlock, you can link App Lock with a face ID or fingerprint ID as prompted.

Change the App Lock Password or Security Questions

Enter the **App Lock** settings screen, go to > **Password type**, and select **Lock screen password** or **Custom PIN** as the App Lock password.

If you select **Custom PIN**, you can go on to set a new password and security questions.

Cancel or Disable App Lock

On the **App Lock** settings screen, do the following:

- Cancel App Lock: On the locked app list, toggle off the switches beside the apps for which you want to cancel the lock.
- Reset App Lock: Go to > **Disable App Lock** > **DISABLE**. This will cancel all locks, and clear all app lock settings.

Pin a Screen

You can pin the screen of an app so you can stay focused on it. Try this feature when playing games, watching videos, and more.

Go to **Settings** > **Security** > **More settings** > **Screen pinning**, and enable **Screen pinning**.

- When using gesture navigation, swipe up from the bottom of the screen and hold to access the recent tasks screen, then touch on an app preview. To unpin, swipe up twice from the bottom of the screen.
- When using three-key navigation, touch to access the recent tasks screen, and touch on an app preview. To unpin, touch and hold .

Safe Mode

Safe mode uses a simplified operating system with only basic functions and pre-installed apps available. It can be used to locate third-party apps causing system failures.

Safe Mode Functions

After installing certain third-party apps, your device may fail to work properly. In this case, you can enter Safe mode to check whether the problem has been caused by a third-party app or by the system itself.

- If the system is running properly in Safe mode, the issue is likely caused by a third-party app. In Safe mode, go to **Settings** > **Apps** > **Apps**, find the third-party app in question, and uninstall it after switching back to the normal mode.
- If the system runs abnormally in Safe mode, then the system is faulty. Back up your data and take your device and proof of purchase to an authorised Huawei Customer Service Centre for assistance.

Enter and Exit Safe Mode

- Enter **Safe mode**: During the startup process, press and hold the Power and Volume up buttons simultaneously until the selection screen is displayed. Press the Volume button to select **Safe mode** and press the Power button to enter Safe mode. In Safe mode, **Safe mode** is displayed in the lower left corner.
- Exit **Safe mode**: Restart your device to exit.

Privacy

Permission Management

Apps may require certain permissions, such as the Location permissions, in order to provide you with corresponding services.

However, some apps may obtain too many unnecessary permissions, posing potential risks to your privacy and information security. You can monitor the permissions granted to each app and deny those you deem unnecessary.

Manage the Location Permission

With the location permission, apps can obtain your location to provide location-based services. For example, if a map app obtains the location permission, it can provide you with location and navigation services. You can disable the permission if you do not need these services.

1 Go to **Settings** > **Apps** > **Permissions**.

2 On the **Permissions** screen, enter **Location**, touch the app you want to manage, and select an option.

Manage Permissions to Access Other Private Data

You can also manage permissions to access your personal data, such as Contacts, Messaging, Call logs, Body sensors, Calendar, and Camera, to enjoy better services and protect your privacy.

On the **Permissions** screen, touch the permission you want to manage, and toggle the switch for each app on or off as required.

PrivateSpace

Create a PrivateSpace that is completely independent of the MainSpace (the original space) of your device, which can be accessed using your fingerprint ID or a password.

You can move private photos and confidential business files to your PrivateSpace to prevent unauthorised access. You can also move your payment and gaming apps to PrivateSpace to keep them away from your child.

Enable and Disable PrivateSpace

1 Go to **Settings** > **Privacy** > **PrivateSpace** > **Enable**, and follow the onscreen instructions to create a PrivateSpace.

2 You can enter your PrivateSpace using either of the following methods:

- On the lock screen, access PrivateSpace using the fingerprint or password set for the space.
- Alternatively, in MainSpace, go to **Settings** > **Privacy** > **PrivateSpace**, and touch **Log in**.

If you restart your device, you have to enter the password to access the MainSpace first, then switch to the PrivateSpace.

Transfer Files Between MainSpace and PrivateSpace

1. In PrivateSpace, go to **Settings** > **Privacy** > **PrivateSpace**, and touch **MainSpace to PrivateSpace** or **PrivateSpace to MainSpace**.
2. Select the files (such as contacts, photos, videos, and audio files) you want to transfer, touch **Move**, and follow the onscreen instructions to transfer the files.

In the target space, go to **Gallery** > **Albums** > **SharedImages**, or **Gallery** > **Albums** > **SharedVideos** to view photos and videos.

Reset Password for PrivateSpace

You can set a security question when creating the password for PrivateSpace, which will help you to reset the password if you happen to forget it.

1. In PrivateSpace, go to **Settings** > **Privacy** > **PrivateSpace**, then touch **Password protection**.
2. Follow the onscreen instructions to complete the verification, select and answer the security question, then touch **Finish**.
3. In MainSpace, go to **Settings** > **Privacy** > **PrivateSpace**, then go to ⋮ > **Reset password**, and follow the onscreen instructions to complete the verification and reset the password.

Transfer Data in PrivateSpace to Your New Device

You can quickly transfer your PrivateSpace data, such as contacts, photos, and files, from the old device to the new one.

1. On your new device, create and enter your PrivateSpace, go to **Settings** > **Privacy** > **PrivateSpace** > **Space Clone**, and select **This is the new phone**.
2. In your old device, enter your PrivateSpace, go to **Settings** > **Privacy** > **PrivateSpace** > **Space Clone**, and select **This is the old phone**.
3. Follow the onscreen instructions to scan the QR code or manually connect the old device to the new one.
4. On your old device, select the data to be transferred. You can cancel the data transfer during the process, and then continue it once you have connected your old device with the new one again.

Delete PrivateSpace

If you delete PrivateSpace, all apps and data stored in the space will be deleted and cannot be restored. Please exercise caution when deleting PrivateSpace.

You can delete PrivateSpace in either of the following ways:

- In MainSpace, go to **Settings** > **Privacy** > **PrivateSpace**, then go to > **Delete PrivateSpace**.
- Alternatively, in PrivateSpace, go to **Settings** > **Privacy** > **PrivateSpace**, then touch **Delete**.

Accessibility Features

Mistouch Prevention

Enable **Mistouch prevention** to prevent accidental touches on the screen from triggering unintended operations.

Go to **Settings** > **Accessibility features**, and enable or disable **Mistouch prevention**.

Scheduled Power On/Off

Use the **Scheduled power on/off** feature to power your device on and off at set times, to save power and prevent interruptions while resting.

1 Go to **Settings** > **Accessibility features** > **Scheduled power on/off**, and enable **Scheduled power on/off**.

2 Set the power on and off times, as well as the repeat cycle. Your device will power on and off automatically at the specified times.

To stop using this feature, disable **Scheduled power on/off**.

Users & Accounts

Set Up Users

You can create a separate account for someone else to use your device. For your privacy and data security, the other user will only be allowed to access certain functions of your device.

If you have enabled **Digital balance** and set **Set user** to **This is my child's phone**, the multi-user function will be unavailable.

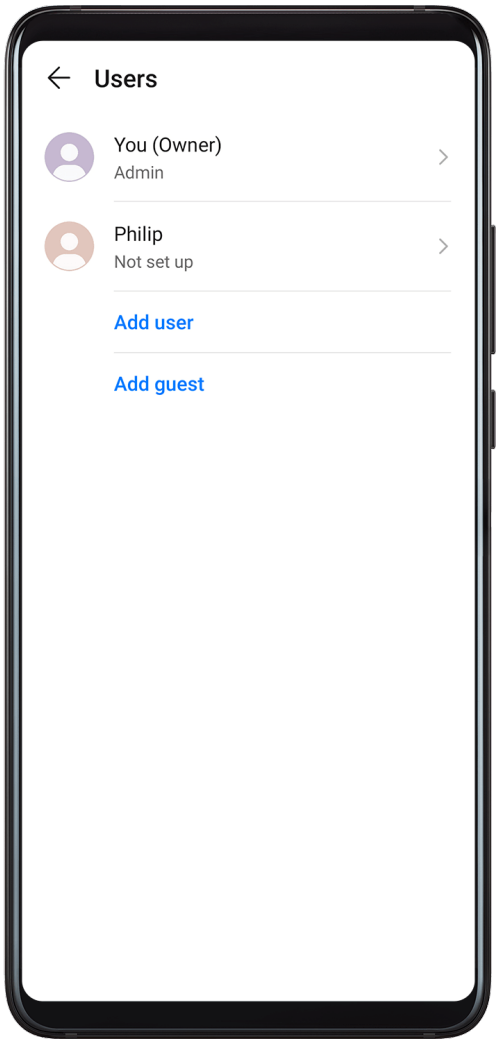
The following user account types are available on your device:

- Owner
  Your account is set to owner by default.
- An owner is allowed to perform any operation on the device, including adding or deleting other accounts, and authorising other accounts to use the calling and SMS functions.
- User
  You can create a user account for someone who frequently uses your device.

A user account can use most of the functions on your device. However, they can't use functions that will interfere with the owner, such as restoring to factory settings, using Phone Clone, changing user rights, or creating a PrivateSpace.

- Guest

  You can create a guest account for someone who only needs to use your device temporarily. A guest account can only use limited, basic functions on your device. For example, a guest is not allowed to send SMS messages, install unknown apps, switch to a different Wi-Fi network, or set mobile data monitoring.



Add a User or Guest Account

1. Go to **Settings** > **Users & accounts** > **Users**, touch **Add user** or **Add guest**, then follow the onscreen instructions to add an account.
2. Touch **Switch** to switch to the user or guest account. Configure the settings for the new account as prompted.
3. Install apps as needed. Note that if a newer version of an app has been installed by another user, the app installation will fail.

A maximum of three user and one guest accounts can be added.

Authorise a User or Guest Account to Make Calls and Send Messages

You can set whether to allow a user or guest account to make calls, send SMS messages, and more.

- After accessing your device as the administrator, go to **Settings** > **Users & accounts** > **Users**.
- Touch the related account, and select the permissions you want to authorise.

Switch Between the Administrator, User, and Guest

You can switch to a different account using either of the following methods:

- Swipe down from the status bar to open the notification panel, touch , then touch the profile picture of the account you wish to switch to.
- Go to **Settings** > **Users & accounts** > **Users**, and touch the name of the account you wish to switch to.

Delete a User or Guest Account

Deleting a user or guest account will delete all its related data. Please exercise caution.

After accessing your device as the administrator, use either of the following methods to delete a user or guest account:

- Go to **Settings** > **Users & accounts** > **Users**, touch the name of the account you wish to delete, then follow the onscreen instructions to delete it.
- Swipe down from the status bar to open the notification panel, touch > **More settings**, touch the name of the account you wish to delete, then follow the onscreen instructions to delete it.

System & Updates

Language and Region

1. Go to **Settings** > **System & updates** > **Language & input** > **Language and region**, then select the language you want to use.
2. If the language is not listed, touch **Add language**, then locate and touch it to add it to the list.
3. Touch **Region** to select a country/region, so the display content will adapt to the local culture and habits of the country/region you have selected.

Input Method

You can download a third-party input method and set it as the default input method.

1 Download the input method from an official app market.

2 Follow the onscreen instructions to set it as the default input method, or go to **Settings** > **System & updates** > **Language & input** > **Default keyboard** and select the input method.

Date and Time

Your device is able to sync to the local date, time, and time zone over a mobile network. You can also manually set the date, time, and time zone for your device.

Go to **Settings** > **System & updates** > **Date & time**, then set the options according to your requirements.

Set the Date and Time Automatically or Manually

- Enable **Set automatically**, and your device will sync to the local date and time over a mobile network.
- To manually set the date and time, disable **Set automatically**.

Change the Time Zone

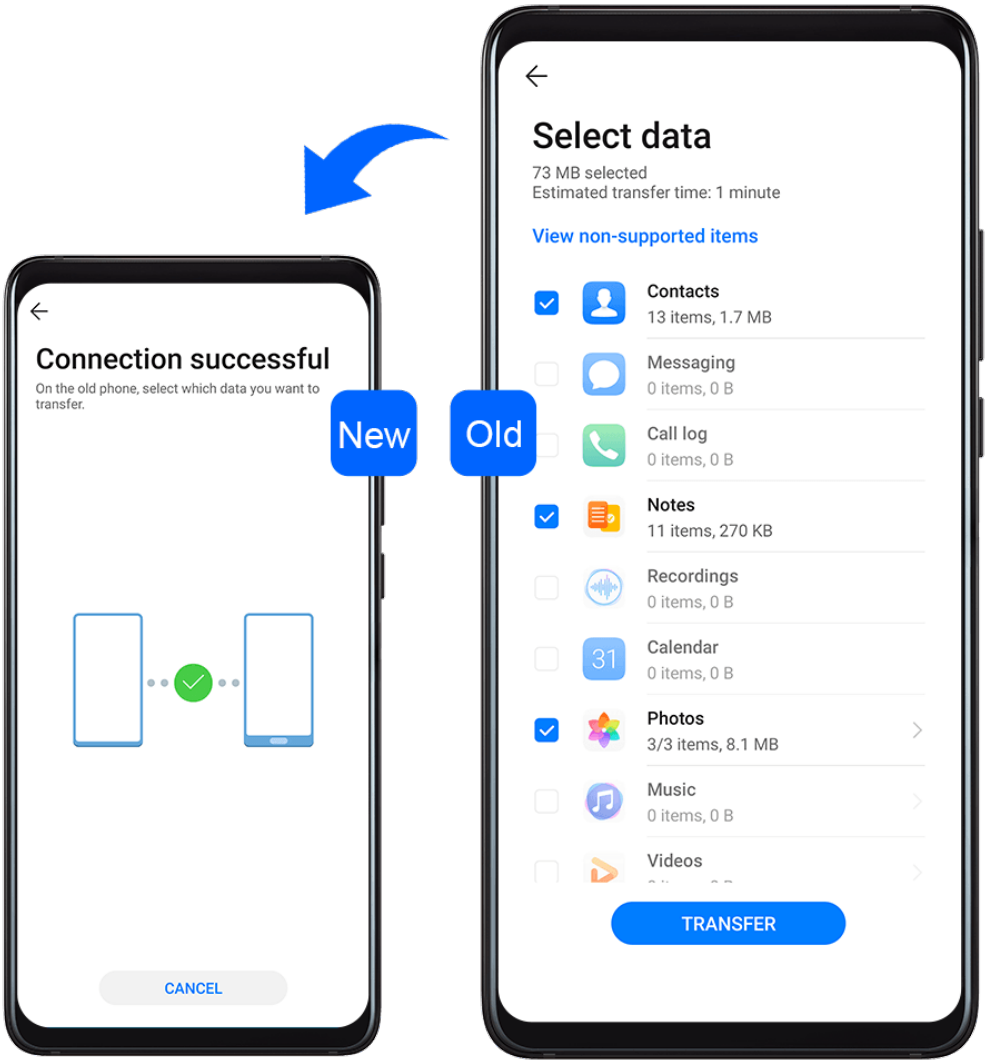
- Enable **Set automatically**, and your device will sync to the local time zone over a mobile network.
- To manually set the time zone, disable **Set automatically**.

Change the Time Format

- Enable **24-hour time** and your device will display time in the 24-hour format.
- Disable **24-hour time** and your device will display time in the 12-hour format.

Phone Clone

Phone Clone lets you quickly and seamlessly move all the basic data (including contacts, calendar, images, and videos) from your old device to your new device.



Clone Data from an Android Device

1 On your new device, open **Phone Clone** (in the **Tools** folder by default). Alternatively, go to **Settings** > **System & updates** > **Phone Clone**, touch **This is the new phone**, then touch **Huawei** or **Other Android**.

2 Follow the onscreen instructions to download and install **Phone Clone** on your old device.

3 On your old device, open **Phone Clone** and touch **This is the old phone**. Follow the onscreen instructions to connect your old device with your new device by scanning a code or connecting manually.

4 On your old device, select the data you want to clone, then touch **Transfer** to start cloning.

Phone Clone is only available on devices running Android 4.4 or later.

Clone Data from an iPhone or iPad

1 On your new device, open **Phone Clone** (in the **Tools** folder by default). Alternatively, go to **Settings** > **System & updates** > **Phone Clone**, touch **This is the new phone**, then touch **iPhone/iPad**.

2 Follow the onscreen instructions to download and install **Phone Clone** on your old device.

3 On your old device, open **Phone Clone** and touch **This is the old phone**. Follow the onscreen instructions to connect your old device with your new device by scanning a code or connecting manually.

4 On your old device, select the data you want to clone, then follow the onscreen instructions to complete the data cloning.

Phone Clone is only available on devices running iOS 8.0 or later.

Back Up with an External Storage Device

Back Up with a Memory Card

Insert a memory card in your device so you can conveniently back up your data to keep it safe.

1 Go to **Settings** > **System & updates** > **Backup & restore** > **Data backup** > **External storage** and touch **Memory card**.

2 Touch **BACK UP**, select the data you want to back up, then touch **Back up**.

3 Follow the onscreen instructions to set the password and password hint. The data will be encrypted and backed up. The password will be required if you want to restore your data backup.

To reset the password, go to the **Memory card** backup screen, then ⋮ > **Reset password**.

The new password is only valid for backups created thereafter.

4 After the backup is complete, you can find your data backup in the **Huawei** folder in **Files** > **Categories** > **Memory card**.

You can go to the **Memory card** backup screen and enable **Auto-backup**. Your device will then automatically back up your data every seven days when it is being charged, the screen is turned off, and the battery level is at least 75%.

Restore Your Backup from a Memory Card

1 Go to **Settings** > **System & updates** > **Backup & restore** > **Data backup** > **External storage** and touch **Memory card**.

2 Select the backup you want to restore from the **RESTORE FROM BACKUP** list.

3 Select the data you want to restore, touch **Restore**, and enter the password as prompted.

Back Up with a USB Storage Device

In case of insufficient storage space on your device, you can back up large files and any data on a USB storage device, such as a USB flash drive or card reader.

1 Connect your device to a USB storage device via a USB OTG cable.

2 On the **External storage** screen of your device, touch **USB storage**.

3 Touch **BACK UP**, select the data you want to back up, then touch **Back up**.

4 Follow the onscreen instructions to set the password and password hint. The data will be encrypted and backed up. The password will be required if you want to restore your data backup.

To reset the password, go to the **USB storage** backup screen, then ⋮ > **Reset password**.

The new password is only valid for backups created thereafter.

Restore Your Data from a USB Storage Device

1 Connect your device to a USB storage device via a USB OTG cable.

2 On the **External storage** screen of your device, touch **USB storage**.

3 Select the backup you want to restore from the **RESTORE FROM BACKUP** list.

4 Select the data you want to restore, touch **Restore**, and enter the password as prompted.

Back Up with a NAS Device

You can back up your important data on a network-attached storage (NAS) device, also known as a private cloud storage server. The NAS device provides shared folders for data backup.

1 On the **External storage** screen of your device, touch **Shared folder**.

2 On your device, scan for available NAS devices using your Wi-Fi network, then touch an applicable one to access and add its shared folders.

3 Touch **BACK UP**, select the data you want to back up, then touch **Back up**.

4 Follow the onscreen instructions to set the password and password hint. The data will be encrypted and backed up. The password will be required if you want to restore your data backup.

To reset the password, go to the **Shared folder** backup screen, then ⋮ > **Reset password**.

The new password is only valid for backups created thereafter.

Restore Your Data from an NAS Device

1 On the **External storage** screen of your device, touch **Shared folder**.

2 On your device, scan for available NAS devices using your Wi-Fi network, then touch an applicable one to access and add its shared folders.

3 Select the backup you want to restore from the **RESTORE FROM BACKUP** list.

4 Select the data you want to restore, touch **Restore**, and enter the password as prompted.

Reset Your Device

Reset Network Settings

This operation will reset your Wi-Fi, mobile data network, and Bluetooth settings. It will not change any other settings on your device or delete any data.

Go to **Settings** > **System & updates** > **Reset**, touch **Reset network settings**, then follow the onscreen instructions to reset network settings.

Reset All Settings

This operation will reset all network settings, fingerprints, face recognition data, and the lock screen password of your device. It will not delete any data from your device.

Go to **Settings** > **System & updates** > **Reset**, touch **Reset all settings**, then follow the onscreen instructions to reset all settings.

Restore Factory Settings

This operation will erase all the data on your device, including your accounts, app data, system settings, installed apps, music, images, and all files on the internal storage. Make sure to back up your data before restoring your device to its factory settings.

Go to **Settings** > **System & updates** > **Reset** > **Reset phone**, touch **Reset phone**, then follow the onscreen instructions to restore your device to its factory settings.

Simple Mode

Simple mode adopts a more concise layout for easy navigation, enlarges icons and fonts for the home screen, and maximises the volume.



Enable Simple Mode

Go to **Settings** > **System & updates** > **Simple mode** and touch **Enable**.

Touch and hold any icon to drag it to the desired location or uninstall it if it is not a mandatory app.

Exit Simple mode

Open **Settings** and touch **Exit Simple mode**.

Update the System Online

When an update is available, your device will prompt you to download and install the update package.

- Before updating, make sure your device is running an official system version. Otherwise, the update may fail and your device may experience unknown issues.
- Back up your user data before the update.
- After an update, third-party apps that aren't compatible with the new system version may become unavailable. In some cases, it may take some time for a compatible app version to be released.
- During the update, do not power off or restart your device, remove the memory card, or insert a memory card.

1 Go to **Settings** > **System & updates**, and touch **Software update**.

2 When an update is available, you can either manually download and install the update package, or update your device automatically overnight.

- Download and install the update package: Go to **New version** > **DOWNLOAD AND INSTALL**. To avoid data usage, connect your device to a Wi-Fi network when downloading the update package.
  Your device will automatically restart once the update is complete.
- Update overnight: Touch , and enable **Auto-download over Wi-Fi** and **Update overnight**.
  Your device will automatically update and restart between 02:00 – 04:00.
  To ensure a successful overnight update, make sure that your device is powered on, the screen is locked, there are no alarms set for this period of time, and the battery level remains higher than 35%. Connect your device to a charger if necessary.

To disable automatic updates, touch on the **Software update** screen, then disable **Auto-download over Wi-Fi**.

This guide is for your reference only. The actual product, including but not limited to the colour, size, and screen layout, may vary. All statements, information, and recommendations in this guide do not constitute a warranty of any kind, express or implied.

Please visit http://consumer.huawei.com/en/support/hotline for up to date support hotline and email address information for your country or region.

Model: YAL-L21

Magic UI 3.0.0_01