

HUAWEI Y6 2019

User Guide



HUAWEI

Contents

Exciting Features

Featured Usage Tips	1
Camera Tips	1
More Features	4

New Device

New Device Configuration	8
--------------------------	---

Gestures and Operations

Record Exciting Moments on Your Screen	10
--	----

Home Screen

Navigation Bar	12
Use Shortcut Switches to Quickly Enable Frequently Used Features	13
Notification Panel and Status Bar	13
Screen Lock and Unlock	15
Home Screen Management	16

Contacts

Search Contacts	20
Managing Contacts	20

Dialing

Basic Calling Functions	22
VoLTE: Make Calls and Use Data at the Same Time	23
Use VoWi-Fi for a New Calling Experience	24

Message

Basic Messaging Functions	25
---------------------------	----

Camera

Basic Camera Functions	26
Use Panorama Mode to Take Panoramic Photos	28
Pro Mode	29

Gallery

Photo Management	32
------------------	----

Phone Manager

Use Optimize	34
Manage Mobile Data Usage	34
Enable Smart Power-Saving Management to Optimize Power Consumption	34

Email

Add Email Accounts	36
Manage Email Accounts	36
Manage VIP Email Contacts	37
Import Important Events to Calendar	37
Set Auto Response for Exchange Email	37

Calendar

Navigate the Calendar	38
-----------------------	----

Clock

Use the Clock	39
---------------	----

Notepad

Manage Your Notes to Keep Your Records in Order	41
---	----

Device Connection

NFC	43
Bluetooth	45
Connecting USB Device	47

Security and Privacy

Fingerprint	50
Face Unlock	52
Enable or Disable Location Services	53
Enable App Lock	53

Backup and Restoration

Data Backup Using HiSuite	55
Reset Your Phone	55

Wi-Fi and Network

Wi-Fi	56
Connecting to the Internet	57
Share Your Mobile Network with Other Devices	58

Sound and Display

Configure Do Not Disturb Mode	60
Configure Your Sound Settings	60
More Display Settings	61

Storage

Enable Memory Cleanup	63
-----------------------	----

System

Change the Input Method	64
-------------------------	----

Accessibility	64
General Settings	66

Legal Notice

Legal Notice	68
Personal Information and Data Security	69
Obtaining help	70

Exciting Features

Featured Usage Tips

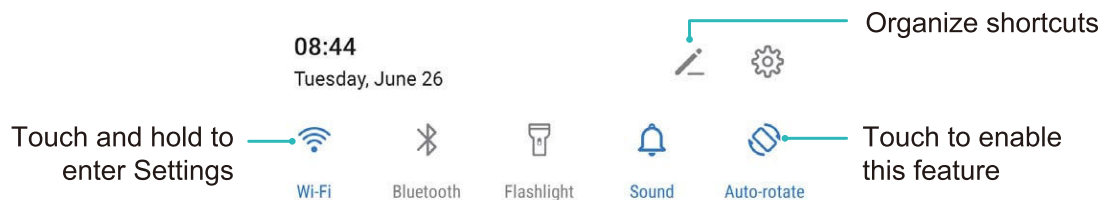
Pick Up to Unlock

Open  **Settings**, and go to **Security & privacy > Face recognition**. When enrolling facial data, select **Enable Pick up to wake**, and set the Face unlock method to **Direct unlock**. Once the setup is complete, you can simply raise your Phone to unlock the screen, without a password or fingerprint.

If you haven't selected **Enable Pick up to wake** when enrolling facial data, you can open  **Settings**, go to **Security & privacy > Face recognition**, and set the Face unlock method to **Direct unlock**. Then, open  **Settings**, go to **Smart assistance > Motion control > Pick up**, and select **Wake device**.

Use Shortcut Switches to Quickly Enable Frequently Used Features

Want to quickly enable or disable mobile data or hotspot? You can enable frequently used features by using shortcut switches.



Camera Tips

Use Panorama Mode to Take Panoramic Photos

Panoramas provide a wider viewing angle than ordinary photos, letting you take sweeping landscape shots.

To capture a panorama shot, the camera takes multiple photos of objects within our visual field and stitches them together into a single photo.

-  When taking a panorama, find a wide, open space that is some distance away from the subject and try to avoid backgrounds that are all in one color.

- 1 Go to  **Camera > More > Panorama**.
- 2 Touch  at the bottom of the screen to configure the shooting direction.

- 3 Hold your Phone steady, and then touch  to start shooting. Slowly move the Phone in the direction indicated, holding the device steady and ensuring that the arrow stays level with the center line.
- 4 Touch  when you are finished. The camera will automatically stitch the photos together to create a panorama.



Use Pro Mode to Take Scenic Photos

Want to make your scenic photos more vibrant and interesting? Use Pro mode to take unique and personalized scenic photos.

Open  **Camera > More > Pro** to enter Pro mode.

Select a metering mode based on the shooting subject: On the Pro mode screen, touch , and select a metering mode accordingly.

Metering mode	Application scenario
Center	The subject is in the center of the picture, and stands out from the background.
Spot	The subject to be highlighted in the picture is relatively small, such as a flower or a tree.

Adjust brightness based on the shooting environment:

- **Adjust ISO:** On the Pro mode screen, touch **ISO**, and swipe left or right on the ISO slider to adjust its value.
 -  To avoid excessive noises, the recommended ISO is below 400. The recommended ISO for the daytime is between 100 and 200 and above 400 for night scenes.
- **Adjust the shutter speed:** On the Pro mode screen, touch **S** (shutter speed), slide on the shutter speed slider, and drag your desired speed to the center.

-  The recommended shutter speed for static scenes (such as mountains) is between 1/80 and 1/125; and faster (less than 1 second) for moving subjects (such as waves). For the best result, using a tripod when shooting a moving subject.

- **Adjust EV compensation:** On the Pro mode screen, touch EV^+ , slide on the EV slider and drag the selected value to the center.

Adjust AWB: On the Pro mode screen, touch AWB , slide on the AWB slider and drag the selected value to the center.

- 
 - When shooting under sunlight, you can select . In a weak light environment, you can select .
 - Touch  to adjust the color temperature. If you want to give your photo a cozy, nostalgic tone, increase the K value. For a cold, calm or futuristic tone, select a lower K value.

Adjust AF based on the shooting subject: On the Pro mode screen, touch AF^+ , slide on the AF slider and drag your desired mode to the center.

AF modes	Application scenario
AF-S mode	Static scenes (such as mountains).
AF-C mode	Moving scenes (such as flowing water and sea waves).
MF mode	Protruding objects (such as a close-up of a flower).

Hold your device steady when shooting: In Pro mode, touch  and enable **Horizontal level**. After this feature is enabled, two horizontal guiding lines will appear in the viewfinder. When the dotted line overlaps with the solid line, it indicates that the camera is horizontally aligned.

- 
 - Some settings in Pro mode may change after you change a setting. You may adjust them based on your actual needs.
 - The recommended settings above are for reference only. You may adjust them based on the actual condition to achieve your desired effect.

Use Pro Mode to Take Portraits

Want to take more professional portraits? Pro mode allows you to adjust your camera settings to shoot professional-level portraits.

Go to  **Camera > More > Pro** to enable Pro mode.

Select a Metering mode:  or  is recommended for taking portraits. Line up your subjects (their faces for example) so they are in the center of the viewfinder. Then touch  to select your desired Metering mode.

Adjust brightness based on the ambient light

- **Adjust ISO:** To avoid excessive noises, it is recommended that you use a lower ISO when taking portraits. You should also adjust the ISO based on the actual lighting conditions. To do this, touch ISO , and slide it left or right to adjust the value.

Good for	Recommended ISO
Outdoors	Between 100 and 200
Indoors	Around 400
Night scenes	Between 400 and 800

- **Adjust shutter speed:** Choose a slower shutter speed if the ambient light is low and a faster one when it's stronger. The recommended shutter speed for static portraits is between 1/80 and 1/125.
To shoot moving subjects, select a shutter speed of 1/125 or above. Touch  (shutter speed), slide until your desired speed is in the center.
- **Adjust EV compensation:** Increase the EV compensation if the subjects or background is in dim light, and decrease the EV compensation if the light is strong. Touch , and slide until the desired value is in the center.

Adjust AWB: Select AWB depending on the lighting conditions. When shooting in sunlight, you can select , and for gloomy days, select . Touch , and slide until the desired value is in the center.

Adjust focus: To make your subject stand out, it is recommended that you use manual focus (MF) when shooting portraits. When taking a close-up shot, touch the focus on the shot in the viewfinder to adjust the focus accordingly.

-  Some parameters in Pro mode affect each other, so adjusting one may cause some unwanted changes. Keep this in mind when setting up for your perfect shot.
- The recommended settings above are for reference only. You should adjust them based on the actual scene for best shot.

More Features

Enable App Lock

App lock allows you to set a password for your important apps. Once you restart your Phone or unlock the screen, you will be asked to enter your App lock password when opening the apps for the first time. App lock enhances the protection of your private information and prevents unauthorized access to important apps on your device.

Enable App lock: Open  **Settings**. Go to **Security & privacy > App lock**. When you access the app for the first time, follow the onscreen instructions to set the password and enter the app lock. In subsequent access, you can directly enter the app lock password. On the App lock screen, enable App lock for the apps you want to protect. When accessing a locked app for the first time, you need to

enter the password in the password text box. If you forget the password, touch **Forgot password**, enter the answer in the password protection question box, and reset the password. If you have not set the password protection, the **Forgot password** option is not available.

Modify your App lock password and password protection: Touch  on the App lock screen, and then touch **Change password** or **Change password protection** to modify your App lock password or password protection.

Set Your Home Screen Wallpaper

Tired of default wallpapers? Set a photo you like as your home screen wallpaper to personalize your home screen.

Open  **Settings**, and then go to **Home screen & wallpaper > Wallpaper**. You can:

Set a picture as your home screen wallpaper: Touch **Gallery** or select a preset wallpaper in your device, and follow the onscreen instructions to select **Lock screen**, **Home screen** or **Both**.

Set a photo as your wallpaper from Gallery: Have a great photo you want to set as your

wallpaper? In  **Gallery**, open the photo that you like, go to  > **Set as > Wallpaper**, and follow the onscreen instructions to set the photo as your home screen wallpaper.

Manage Your Home Screen Widgets

Want to quickly add widgets such as screen lock, weather, notepad, clock, contacts, or calendar to your home screen? You can add, move or delete home screen widgets to tidy up your home screen and ease your usage experience.

Add widgets: Touch and hold an empty area on the home screen to enter home screen editing mode. Touch **Widgets**, touch and hold a widget and drag it to an empty area on the home screen, or touch the widget you want.



- i** Check that there are enough empty spaces on the home screen for the widget. If there is not enough space, add an empty screen page or free up some space on the current home screen page.

Delete widgets: Touch and hold a widget on the home screen until your Phone vibrates, and then select **Remove**.

Move widgets: Touch and hold a widget on the home screen until your Phone vibrates. Drag the widget to any position on the screen.

Use App Drawer to Store Apps

Want to store your apps in one location on your home screen to make your home screen look cleaner? You can enable app drawer on your home screen to store all your apps and free up space on your home screen.

Open  **Settings**, go to **Home screen & wallpaper > Home screen style**, and select **Drawer**. If you want to switch back to a standard home screen, select **Standard**.

- i** **Add an app icon from app drawer to the home screen:** After you enable app drawer, touch  on the home screen to enter the app list. From the app list, touch and hold the app icon that you want to add until your Phone vibrates, and then drag it to the desired position on the home screen.

Enable TalkBack to Have Onscreen Content Read Aloud

TalkBack reads aloud content on the screen that you touch, select, or activate. It is a useful tool that helps visually impaired users interact with their Phone.

- 1** Open  **Settings** and go to **Smart assistance > Accessibility > TalkBack > ** to open the TalkBack settings screen.
- 2** Enable **TalkBack** and touch **OK**. Your device will launch a tutorial when you enable TalkBack for the first time. If you need to listen to the tutorial again, touch , open the TalkBack settings screen, and then launch the tutorial.
- 3** Touch  and enable **Explore by touch**. When **Explore by touch** is enabled, your device will read out content that you touch.

Why does my Phone suddenly start reading out content on the screen? How do I disable this feature? You may have enabled TalkBack by accident. To disable TalkBack, press and hold the Power button until your device vibrates, and then touch the screen with two fingers for at least three seconds.

Enable Memory Cleanup

Your Phone may slow down over time as your storage space gets smaller. You can use memory cleanup to free up storage space, improve system performance, and keep your Phone running smoothly.

Open  **Phone Manager**. Touch **Cleanup** to clear memory and cache and optimize performance. If your storage space is still low, you can perform a deep clean to free up additional storage space.

New Device

New Device Configuration

Connecting to the Internet

Connect to Wi-Fi networks effortlessly with your device.

Connecting to a Wi-Fi network

- 1 Swipe down from the status bar to open the notification panel.
- 2 Touch and hold  to open the Wi-Fi settings screen.
- 3 Switch on **Wi-Fi**. Your device will list all available Wi-Fi networks at your location.
- 4 Select the Wi-Fi network you want to connect to. If you select an encrypted network, you will also need to enter the Wi-Fi password.

Connecting using mobile data

-  Before using mobile data, ensure that you have a data plan with your carrier to avoid incurring excessive data charges.
- 1 Swipe down from the status bar to open the notification panel.
 - 2 Touch  to enable mobile data.
-  When you don't need to access the Internet, disable mobile data to save battery power and reduce data usage.

Pick Up to Unlock

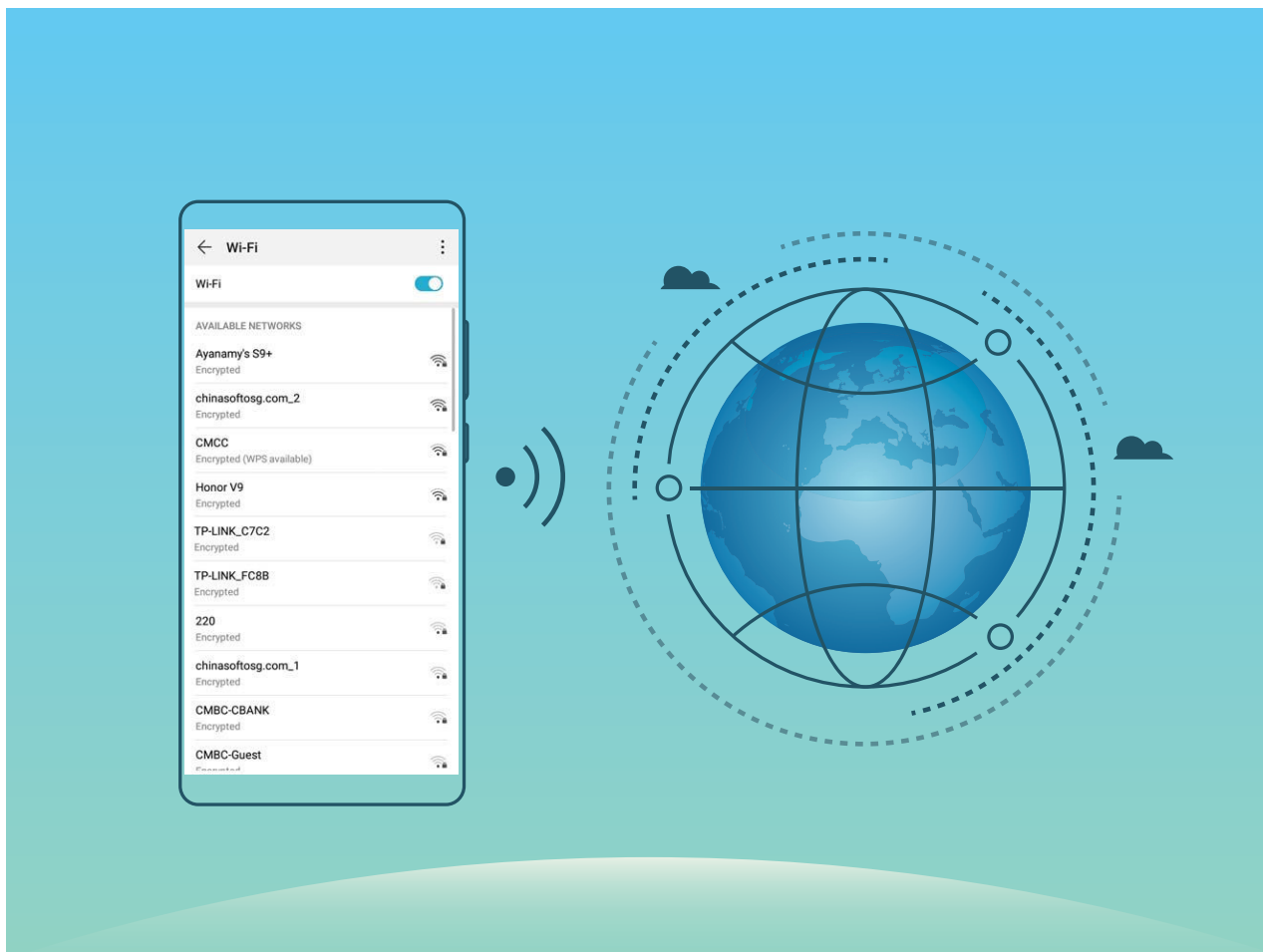
Open  **Settings**, and go to **Security & privacy > Face recognition**. When enrolling facial data, select **Enable Pick up to wake**, and set the Face unlock method to **Direct unlock**. Once the setup is complete, you can simply raise your Phone to unlock the screen, without a password or fingerprint.

If you haven't selected **Enable Pick up to wake** when enrolling facial data, you can open  **Settings**, go to **Security & privacy > Face recognition**, and set the Face unlock method to **Direct unlock**. Then, open  **Settings**, go to **Smart assistance > Motion control > Pick up**, and select **Wake device**.

Connect to Wi-Fi

By connecting your device to a Wi-Fi network, you can effectively save mobile data.

-  To avoid potential security risks (such as unauthorized access to your personal data and financial information), please exercise caution when connecting to a public Wi-Fi network.



Connect to a Wi-Fi Network: Open  **Settings**, go to **Wireless & networks > Wi-Fi**, and enable **Wi-Fi**. Touch a Wi-Fi network to access it, and enter the network password or complete the authentication if required. Alternatively, you can scroll to the bottom of the menu, touch **Add network**, and follow the onscreen instructions to add a network hotspot by entering its name and password.

Gestures and Operations

Record Exciting Moments on Your Screen

The screen recording feature comes in handy when you are making tutorial videos or if you want to record your gaming exploits to share with your friends using your Phone.

- Screen recording will end if you make or answer a call.
- If you are using the sound recording function of your Phone before screen recording, **Enable microphone** is disabled by default.
- If you have enabled **Enable microphone**, your device will record all ambient sounds in the recording. It is recommended that you record your screen in a quiet environment.

Use shortcut to start recording: Swipe down from the status bar to open the notification panel, and then touch  >  to start recording the screen. You can enable or disable **Enable microphone** based on your needs. To end the recording, touch  in the upper left corner of the screen.



Use key combination to start recording: Simultaneously press and hold the **Power** button and the **Volume up** button to begin recording. You can enable or disable **Enable microphone** based on your needs. To end the recording, simultaneously press and hold the **Power** button and the **Volume up** button again.



You can view your screen recordings in **Gallery**.

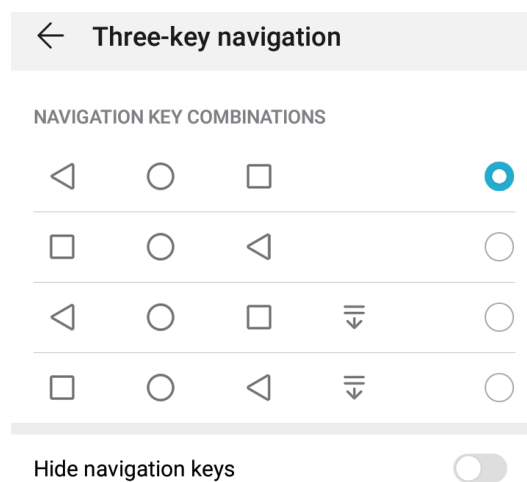
Home Screen

Navigation Bar

Configure Your Navigation Bar Layout

Using the navigation bar, you can conveniently access the home screen, return to the previous page, exit an app, or view recent apps used.

To configure your navigation bar layout, open  **Settings**, then go to **System > System navigation > Three-key navigation > Settings**, and select the navigation key combination and enable or disable **Hide navigation keys** based on your usage habits.



-  **Back key**: Touch to return to the previous page or exit an app. Touch to close the onscreen keyboard when inputting text.
-  **Home key**: Touch to return to the home screen. Touch and hold to display the Google Assistant icon and swipe upwards on the icon to enable Google Assistant.
-  **Recent key**: Touch to open a list of recently used apps. Touch and hold to enable split screen mode.
-  **Downward swipe notification key**: Touch to open the notification panel.

Use the Recent Key to Manage Background Apps

If you want to quickly switch to a recently used app, you might try using the Recent key. The Recent key can help you quickly switch between several recently used apps. You can also use it to close your background apps to increase your Phone's operating speed.

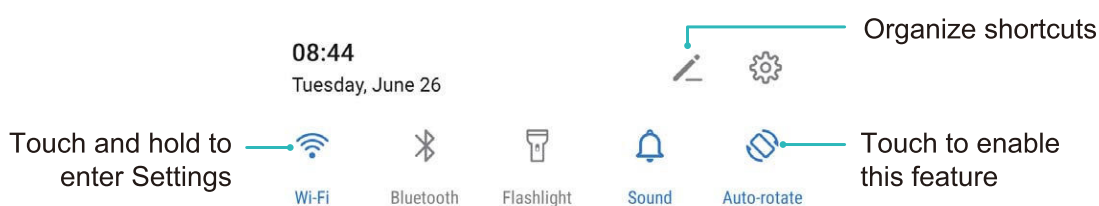
Touch  . You can view, switch to, close, or lock recently used background apps:

- **View recently used apps**: Recently used apps will be displayed on the screen and you can check them by swiping left or right.

- **Switch to a recently used app:** Swipe left or right on the screen to find the app you want to use, and touch the app tab.
- **Close an app:** Swipe up on an app tab to close the corresponding app.
- **Close all apps:** Touch  to close all apps.

Use Shortcut Switches to Quickly Enable Frequently Used Features

Want to quickly enable or disable mobile data or hotspot? You can enable frequently used features by using shortcut switches.



Notification Panel and Status Bar

Notification and Status Icons and Descriptions

The icons in the status bar give you a quick view of the overall status of your Phone, including its network connection, battery level, and any new messages received when your Phone is in Silent mode.

Status icons: By checking the status icons, you can quickly learn the status of your device, such as network connection, signal strength, battery level, time, and more.

 The network status icons may vary by regions and service providers.

	Signal strength		No signal.
4G⁺	4G+ network connected	3G	3G network connected
4G	4G network connected	H	HSPA network connected
2G	2G network connected	LTE	Long Term Evolution (LTE) network connected
LTE⁺	LTE+ network connected		Headset plugged in

	Evolved High-Speed Packet Access (HSPA+) network connected		Airplane mode enabled
	VoLTE available		Wi-Fi network connected
	Roaming		Receiving location data from GPS
	Bluetooth enabled		Silent mode enabled
	Wi-Fi network detected		Charging
	Vibration mode enabled		Battery level low
	Alarm enabled		No SIM card detected
	Battery fully charged		

Notification icons: When there is a new message, notification or reminder on your Phone, the relevant icon will be displayed in your status bar.

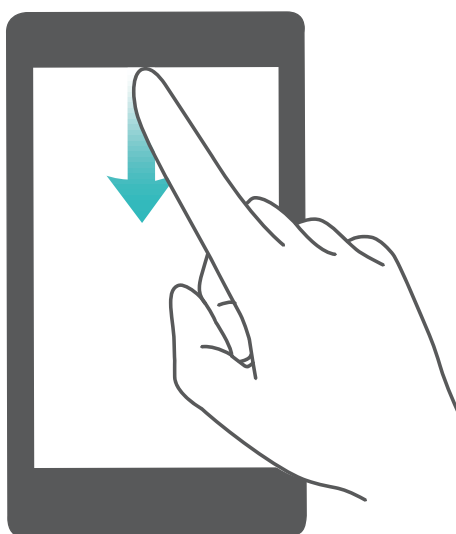
	Missed call		New emails
	Downloading data		New voicemails
	Event reminder		Uploading data
	Synchronizing data		Phone memory full
	Sign-in or synchronization problem		Sync failed
	VPN connected		More notifications

Open the Notification Panel to Get Important Information

Want to ensure that you do not miss out on any important notifications? From your Phone's status bar, you can view real time notification information and your device's operating status.

When there is a notification reminder, you can turn on the screen and swipe down from the status bar to view the notification. You can access notification and status bar settings in the following ways:

Access notification panel when the screen is unlocked: Swipe down from the status bar to open the notification panel. You can turn on or off shortcut switches, or touch notifications to view the details.



Want the notification and status bar to display only the number of notifications or to display no notifications? Touch  **Settings**, and go to **Notifications > More notification settings > Notification method**. Then, select **Numbers** or **None** as required.

Disable Disruptive App Notifications

Find it annoying to receive so many different types of app notifications? You can set and disable app notifications to prevent this from happening.

Open  **Settings**, and go to **Notifications**. You can:

- **Disable push notifications from an app:** On the **Notifications** screen, find and touch the desired app, and then turn off .
- **Prevent all apps from pushing notifications:** Touch **Batch management**, and then turn off **All**.

Screen Lock and Unlock

Set a Lock Screen Password to Protect Your Privacy

Your Phone stores a lot of sensitive information, such as personal photos, contact information, banking apps (for example, Alipay). Set a lock screen password so that a password is required each time you unlock your Phone. A lock screen password helps to protect your private information if your Phone is lost or accessed by an unauthorized user.

Set a lock screen password: Open  **Settings**, go to **Security & privacy > Lock screen password**, and set the type of lock screen password you prefer.

- **Set a PIN:** A PIN number is a sequence of digits. Entering a PIN to unlock your Phone is quick and simple. For better security, use a long sequence of random numbers as your PIN. Go to **Set lock screen password**, follow the prompts to set up a PIN. Alternatively, touch **Change unlock method**, and set **4-digit PIN** or **Custom PIN**.

- **Set a pattern:** Unlock your Phone by drawing a preset pattern on the screen. For better security, use a pattern that includes overlapping line segments. Go to **Set lock screen password > Change unlock method > Pattern** and draw the same pattern twice. The pattern must connect at least 4 dots.
- **Set a password:** A password made up of numbers, letters, and special characters is more secure than a PIN or pattern. For better security, use a password with 8 or more characters that includes numbers, letters, and special characters. Be sure to memorize the password so that you don't get locked out of your Phone if you forget it. Go to **Set lock screen password > Change unlock method > Password**, follow the prompts to set up a password.

Lock the Screen to Quickly Secure Your Phone

If you don't use your Phone for a set period of time, the screen will turn off and lock. As long as the screen stays on, you can use your Phone without needing to unlock the screen. Lock your screen when you are not using your Phone to protect your privacy and prevent mistaken inputs.

- **i** Set a lock screen password to help protect your privacy. You can lock your device in the following ways:

Lock the screen instantly with the Power button: Press the **Power button** to lock the screen at any time.

Lock the screen with one-touch screen lock: Pinch two fingers together on the home screen to enter the editing screen. Touch **Widgets > Screen Lock** and add the **Screen Lock** widget to your home screen. This helps reduce wear and tear on your power button. After leaving the home screen editing mode, touch the **Screen Lock** widget to instantly lock your screen. To lock your screen this way, first switch to the home screen page where the **Screen Lock** widget is located.

- **i** You can swipe up from the bottom of the Magazine unlock screen to display the Magazine unlock shortcut panel and use widgets such as recorder, calculator, and flashlight.

Home Screen Management

Manage Home Screen Icons

Is your home screen cluttered with app icons? You can move or delete icons from the home screen or sort and move them to folders for more convenient use.

Move a home screen icon: From the home screen, touch and hold an app icon until your Phone vibrates, then drag it to any position on the home screen.

Delete an app: From the home screen, touch and hold the icon of the app you want to uninstall until your Phone vibrates, and then touch **Uninstall**. Follow the onscreen prompts to delete the app.

- **i** To ensure that the system runs normally, some preinstalled system apps cannot be uninstalled.

Create a folder: From the home screen, touch and hold an app icon until your Phone vibrates, then drag it on top of another icon. The two icons will now be placed in a new folder.



Delete a folder: Open the folder, touch $+$, deselect all the apps, then touch **OK**. The folder will be deleted automatically and all the app icons in the folder will be moved to your home screen.

Rename a folder: Open the folder, touch the folder name and enter a new name.

Add or remove app icons from a folder: Open the folder, touch $+$, select or deselect apps and then touch **OK**. The selected app icons will be automatically added to the folder while the deselected apps will be removed from the folder.

i Another way to remove an app icon from a folder is to touch and hold the icon in the folder until your Phone vibrates, and then drag it to the home screen.

Manage Your Home Screen

Too many icons on your home screen? You can add a new page to your home screen and customize it to your liking.

Touch and hold an empty area on the home screen to enter home screen editing mode. You can do the following:

- **Add a new screen page:** Touch $+$ at the left or right side of the screen to add a new screen page.

- **Delete an empty screen page:** Touch $\times$ to delete the page.

i Screen pages with app icons or widgets on them cannot be deleted.

- **Modify screen page order:** Touch and hold the screen page you want to move, then drag it to the desired position.
- **Set a default home screen page:** Touch  in the upper part of the home screen to set the selected screen page as your default home screen page.

Set Your Home Screen Wallpaper

Tired of default wallpapers? Set a photo you like as your home screen wallpaper to personalize your home screen.

Open  **Settings**, and then go to **Home screen & wallpaper > Wallpaper**. You can:

Set a picture as your home screen wallpaper: Touch **Gallery** or select a preset wallpaper in your device, and follow the onscreen instructions to select **Lock screen**, **Home screen** or **Both**.

Set a photo as your wallpaper from Gallery: Have a great photo you want to set as your

wallpaper? In  **Gallery**, open the photo that you like, go to  > **Set as > Wallpaper**, and follow the onscreen instructions to set the photo as your home screen wallpaper.

Manage Your Home Screen Widgets

Want to quickly add widgets such as screen lock, weather, notepad, clock, contacts, or calendar to your home screen? You can add, move or delete home screen widgets to tidy up your home screen and ease your usage experience.

Add widgets: Touch and hold an empty area on the home screen to enter home screen editing mode. Touch **Widgets**, touch and hold a widget and drag it to an empty area on the home screen, or touch the widget you want.



- i** Check that there are enough empty spaces on the home screen for the widget. If there is not enough space, add an empty screen page or free up some space on the current home screen page.

Delete widgets: Touch and hold a widget on the home screen until your Phone vibrates, and then select **Remove**.

Move widgets: Touch and hold a widget on the home screen until your Phone vibrates. Drag the widget to any position on the screen.

Use App Drawer to Store Apps

Want to store your apps in one location on your home screen to make your home screen look cleaner? You can enable app drawer on your home screen to store all your apps and free up space on your home screen.

Open  **Settings**, go to **Home screen & wallpaper > Home screen style**, and select **Drawer**. If you want to switch back to a standard home screen, select **Standard**.

- i** **Add an app icon from app drawer to the home screen:** After you enable app drawer, touch  on the home screen to enter the app list. From the app list, touch and hold the app icon that you want to add until your Phone vibrates, and then drag it to the desired position on the home screen.

Contacts

Search Contacts

Open  **Contacts**, in the contacts list, you can use the following search methods:

-  For most accurate search results, ensure your device is displaying all contacts. On the contacts list screen, go to  > **Settings** > **Display preferences**, and touch **All contacts**.
- Drag the index on the side to quickly scroll through the list.
- In the search bar at the top of the contacts list, enter the contact name, initials, telephone number, or email address, and the search results will be displayed below the search bar. You can also enter multiple keywords for your search, such as "John London", and the system will quickly find all matching contacts.
-  If an error occurs while you're searching for a contact, on the contacts list screen, go to  > **Settings** > **Organize contacts**, and then touch **Rebuild index data** > **OK**.

Managing Contacts

Import and Export Contacts

When you switch to a new Phone, you'll need to transfer your existing contacts.

Open  **Contacts**, go to  > **Settings** > **Import/Export**, and then select one of the following:

- **Import contacts**: Select **Import from storage**, **Import via Bluetooth**, or **Import from SIM** and follow the onscreen instructions.
- **Export contacts**: Select **Export to storage**, **Export to SIM**, or **Share contacts** and follow the onscreen instructions. By default, **.vcf** files exported through **Export to storage** are saved in the root directory of your device's internal storage. Open **Files** to view exported files.

Manage Your Contacts

The Contacts app gives you a host of features for managing your contacts. You can simplify your contacts list, choose to only view contacts on your Phone or SIM card, and easily find your frequent contacts.

Merge duplicate contacts: If there are duplicate contacts in your contacts list, you can use the

Merge duplicate contacts function to merge them. From the contacts list, go to  > **Settings** > **Organize contacts** > **Merge duplicate contacts**, select the contacts you want to merge, and then touch **Merge**.

Display contacts for different accounts: Want to only view contacts on your Phone or SIM card?

Go to  > **Settings** > **Display preferences**, and select the accounts that you want to display. You can also:

- **Enable Simple layout:** Want to hide the profile pictures, companies, and titles in the contacts list?

From the contacts list screen, go to  > **Settings** > **Display preferences**, and enable **Simple view**.

- **View contact storage space:** Want to check your contact storage space? From the contacts list, go to  > **Settings** > **Display preferences**. In the **Accounts** field, you can see the available and total storage space of your SIM card.

Add contacts to Favorites: Tired of constantly searching through your contacts for a particular entry? You can Favorite your frequent contacts for quick and easy access. From your Contacts list, touch the entry you want to Favorite, then touch **Favorite** to add it to the Favorites screen.

Erase Call and Message Records

Use Erase traces to erase call and message records for a contact to protect your privacy.

Open  **Contacts**, select a contact with a call record, and go to  > **Erase traces** > **Erase**. After that, all of your call and message records for that contact will be erased.

Dialing

Basic Calling Functions

Make Calls

On the dialer screen, enter part of the telephone number or the first letter or pinyin initials of the contact's name. Your Phone will automatically search for the relevant contacts.

Open  **Dialer**. From the keypad screen, enter the phone number, first letter, or pinyin initials of the contact's name (for example, enter jl for John Lennon). Your device will automatically search Contacts and call logs. Touch the contact you want to call from the list. If it is a dual SIM device, touch  or  to make the call. You can check your contact's status (such as ringing) on your screen. Touch  to hang up.

 After you copy a phone number that you want to dial, the system prompts you to paste the number when you enter the dialer screen.

Press the power button to hang up: Accidentally dialed the wrong number and hid the calling screen, and want to hang up quickly? You can set **Power button ends call**. On the **Dialer** screen, go to  > **Settings** > **More**, and enable **Power button ends call** to quickly hang up calls.

Make Emergency Calls

In an emergency situation, if your Phone is powered on and within the service area, you can make emergency calls even if the screen is locked or there is no mobile reception.

 The emergency call feature is subject to your local regulations and Internet service provider. Network issues or environmental interference may lead to failed emergency calls. In emergency situations, do not rely on your Phone as your only method of communication.

Open  **Dialer**, or touch **Emergency** on the lock screen, enter the local emergency number on the dialer, and then touch . If your location has strong mobile reception and your Phone is connected to the Internet with enabled location services, your location will be obtained and displayed on your screen for reference.

Enable Call Waiting to Never Miss Important Third-Party Calls

Receiving an incoming call while you're already on a call? Call waiting allows you to answer the new call and then switch between the two calls.

 Some carriers may not support this feature.

Open  **Dialer**, go to  > **Settings** > **More**, and enable **Call waiting**. When receiving another call, touch  to answer the call and place your first call on hold. Touch  or the call on hold in the call list to switch between calls.

Enable Call Forwarding and Never Miss a Call

If you are unavailable to answer calls, you can set your device to forward calls to another number.

 Some carriers may not support this feature.

Open  **Dialer**, and go to  > **Settings** > **Call forwarding**. If you have a dual-SIM device, in the **SIM 1** or **SIM 2** section, touch **Call forwarding** and select a forwarding method. Enter the number you want to forward your calls to, then confirm. When call forwarding is enabled, your device will automatically forward eligible calls to the preset number.

Delete Call Logs

You can delete call logs that you no longer need.

Open  **Dialer** and touch  to hide the dialpad. You can now perform one of the following:

- **Delete a single record:** Touch and hold an entry, then touch **Delete entry**.
- **Delete multiple records:** Go to  > **Delete multiple entries**, select the entries you want to delete or **Select all**, then touch .

Activate International Roaming for Borderless Communication

When you travel abroad for work or a holiday, you can make calls when your Phone is roaming without having to dial the country code.

- 1 Contact your carrier to activate the international call or roaming service.
- 2 Open  **Dialer** or  **Contacts**, and make a call.

VoLTE: Make Calls and Use Data at the Same Time

VoLTE (Voice over LTE) allows both call and data services to be carried on the same 4G network, which means you can use the Internet even while making calls. VoLTE also provides you with shorter call connection times and higher quality voice and video calls.

Both of your Phone's SIM card slots support 4G, VoLTE, and VoWiFi, so there is no need to switch SIMs back and forth.

- **Dual 4G:** Both of your Phone's SIM card slots support 4G.
- **Dual VoLTE:** Both of your Phone's SIM card slots support VoLTE, allowing you to use the Internet while making HD calls.
- **Dual VoWiFi:** Both of your Phone's SIM card slots support VoWiFi, which allows calls to be made using Wi-Fi. You can use VoWiFi to make calls even in Airplane mode.

 Some carriers may not support this feature.

Use VoWi-Fi for a New Calling Experience

You can use **VoWi-Fi** to make voice and video calls in any location that has a Wi-Fi network, even when there is no mobile network reception.

-  This feature must be supported by your carrier. Contact your carrier for more information, including fees and charges.

Open  **Dialer**, go to  > **Settings** > **Wi-Fi calling**, enable **Wi-Fi calling**. Touch **Mode** and follow the onscreen instructions to set the preferred network.

Message

Basic Messaging Functions

Manage Messages

The Messaging app makes it easy to stay on top of your messages.

Open  **Messages**. In the list of message threads, touch a contact name or phone number to view the conversation thread.

Reply to messages: Enter the message content in the text box and touch .

Archive a message: Worried about accidentally deleting an important message? Touch and hold a message and then touch  to archive the message.

Delete a message: Tired of the clutter created by too many messages? Delete unneeded conversations or messages to clean up your Messaging list. To delete conversations or messages, touch and hold the conversations or messages to enter the editing screen, select the conversation or message, and touch . Deleted messages cannot be recovered.

Search messages: Want to find a message quickly? From the Messaging list screen, enter the keywords in the search bar and the relevant results will be displayed beneath the search bar.

Block a contact: Want to stop someone from sending you spam messages? Touch and hold a message and then touch  to block the contact.

Block Spam Messages

Tired of receiving spam messages? Enable message blocking and say goodbye to spam messages!

Open  **Messages**.

Use the harassment filter to perform the following:

Block messages: Touch and hold a message and touch  to block messages and calls from that number.

Unblock messages: Touch  and touch **Blocked contacts**. Touch  at the end of the phone number to unblock the number.

Camera

Basic Camera Functions

Use Basic Camera Features

Understand your camera's basic features to help you take better pictures.

Select a camera mode: Open  **Camera**. In the viewfinder, choose a camera mode from the preinstalled ones.

Zoom your camera in or out: From the viewfinder, touch the screen with two fingers and pinch them together to zoom out or move them apart to zoom in. If you zoom in beyond your camera's optical zoom limit, the image quality will decrease. After you touch the screen with two fingers and zoom in or out, a zoom bar will appear on the side of the screen, with which you can also zoom your camera in or out.

Adjust your camera's exposure: Your camera will adjust its exposure automatically depending on the ambient light level. Increasing the exposure will make pictures appear brighter whereas decreasing the exposure will make pictures appear darker. You can adjust the exposure manually from the viewfinder by touching the screen and dragging the  icon up or down.

Enable or disable flash: Flash is used to provide extra lighting for taking photos in low light conditions. From the viewfinder, touch  to select one of the following flash modes:

-  **Auto:** The camera automatically enables or disables flash depending on the ambient light level.
-  **Off:** Disable flash.
-  **On:** Enable flash.
-  **Always on:** Flash is always on while you are in the viewfinder.

Mute shooting: From the viewfinder, touch , and enable **Mute**.

Enable geolocation: Your geographic location will be recorded when you take a photo, and this allows you to search through your pictures by location. From the viewfinder, touch , and enable **GPS tag**.

Use Camera to Record Videos

Besides taking pictures, you can also use the camera to capture high resolution videos with sound.

Record a video: Open  **Camera > Video**, touch  to start recording a video.

Take a picture while recording a video: You can touch  to take a picture when recording a video.

Turn on flashlight: When recording a video in low light conditions, you can touch  and select  to turn on the flashlight.

Use Assistive Grid to Compose Your Photos

Ever get annoyed that your photos turn out looking skewed or the subject always seems to be off-center? You can use your camera's assistive grid feature to help you line up the perfect shot.

To select an assistive grid, open  **Camera** and touch  to enter **Settings**. Then touch **Assistive grid** and select the type of grid or lines you want to use.

Rule of thirds composition method: Use either **Grid** or **Phi grid**. The four intersection points in the grid are the focus areas of the picture. Place the subject of your photo on one of the intersection points to achieve a good composition.



Spiral composition method: Use either **Fibonacci spiral (left)** or **Fibonacci spiral (right)**. Place the subject of your photo within the center of the spiral.



Use Panorama Mode to Take Panoramic Photos

Panoramas provide a wider viewing angle than ordinary photos, letting you take sweeping landscape shots.

To capture a panorama shot, the camera takes multiple photos of objects within our visual field and stitches them together into a single photo.

- i** When taking a panorama, find a wide, open space that is some distance away from the subject and try to avoid backgrounds that are all in one color.

- 1** Go to  **Camera > More > Panorama**.
- 2** Touch  at the bottom of the screen to configure the shooting direction.
- 3** Hold your Phone steady, and then touch  to start shooting. Slowly move the Phone in the direction indicated, holding the device steady and ensuring that the arrow stays level with the center line.
- 4** Touch  when you are finished. The camera will automatically stitch the photos together to create a panorama.



Pro Mode

Use Pro Mode to Take Scenic Photos

Want to make your scenic photos more vibrant and interesting? Use Pro mode to take unique and personalized scenic photos.

Open  **Camera** > **More** > **Pro** to enter Pro mode.

Select a metering mode based on the shooting subject: On the Pro mode screen, touch , and select a metering mode accordingly.

Metering mode	Application scenario
Center	The subject is in the center of the picture, and stands out from the background.
Spot	The subject to be highlighted in the picture is relatively small, such as a flower or a tree.

Adjust brightness based on the shooting environment:

- Adjust ISO:** On the Pro mode screen, touch **ISO**, and swipe left or right on the ISO slider to adjust its value.
 -  To avoid excessive noises, the recommended ISO is below 400. The recommended ISO for the daytime is between 100 and 200 and above 400 for night scenes.
- Adjust the shutter speed:** On the Pro mode screen, touch **S** (shutter speed), slide on the shutter speed slider, and drag your desired speed to the center.
 -  The recommended shutter speed for static scenes (such as mountains) is between 1/80 and 1/125; and faster (less than 1 second) for moving subjects (such as waves). For the best result, using a tripod when shooting a moving subject.
- Adjust EV compensation:** On the Pro mode screen, touch **EV**, slide on the EV slider and drag the selected value to the center.

Adjust AWB: On the Pro mode screen, touch , slide on the AWB slider and drag the selected value to the center.

- When shooting under sunlight, you can select . In a weak light environment, you can select .
- Touch  to adjust the color temperature. If you want to give your photo a cozy, nostalgic tone, increase the K value. For a cold, calm or futuristic tone, select a lower K value.

Adjust AF based on the shooting subject: On the Pro mode screen, touch , slide on the AF slider and drag your desired mode to the center.

AF modes	Application scenario
AF-S mode	Static scenes (such as mountains).
AF-C mode	Moving scenes (such as flowing water and sea waves).
MF mode	Protruding objects (such as a close-up of a flower).

Hold your device steady when shooting: In Pro mode, touch  and enable **Horizontal level**. After this feature is enabled, two horizontal guiding lines will appear in the viewfinder. When the dotted line overlaps with the solid line, it indicates that the camera is horizontally aligned.

- Some settings in Pro mode may change after you change a setting. You may adjust them based on your actual needs.
- The recommended settings above are for reference only. You may adjust them based on the actual condition to achieve your desired effect.

Use Pro Mode to Take Portraits

Want to take more professional portraits? Pro mode allows you to adjust your camera settings to shoot professional-level portraits.

Go to  **Camera** > **More** > **Pro** to enable Pro mode.

Select a Metering mode:  or  is recommended for taking portraits. Line up your subjects (their faces for example) so they are in the center of the viewfinder. Then touch  to select your desired Metering mode.

Adjust brightness based on the ambient light

- **Adjust ISO:** To avoid excessive noises, it is recommended that you use a lower ISO when taking portraits. You should also adjust the ISO based on the actual lighting conditions. To do this, touch , and slide it left or right to adjust the value.

Good for	Recommended ISO
Outdoors	Between 100 and 200
Indoors	Around 400
Night scenes	Between 400 and 800

- **Adjust shutter speed:** Choose a slower shutter speed if the ambient light is low and a faster one when it's stronger. The recommended shutter speed for static portraits is between 1/80 and 1/125.

To shoot moving subjects, select a shutter speed of 1/125 or above. Touch **S** (shutter speed), slide until your desired speed is in the center.

- **Adjust EV compensation:** Increase the EV compensation if the subjects or background is in dim light, and decrease the EV compensation if the light is strong. Touch **EV***, and slide until the desired value is in the center.

Adjust AWB: Select AWB depending on the lighting conditions. When shooting in sunlight, you can select , and for gloomy days, select . Touch **AWB**, and slide until the desired value is in the center.

Adjust focus: To make your subject stand out, it is recommended that you use manual focus (MF) when shooting portraits. When taking a close-up shot, touch the focus on the shot in the viewfinder to adjust the focus accordingly.

-  Some parameters in Pro mode affect each other, so adjusting one may cause some unwanted changes. Keep this in mind when setting up for your perfect shot.
- The recommended settings above are for reference only. You should adjust them based on the actual scene for best shot.

Gallery

Photo Management

Edit Photos

Want to edit a picture you just took to make it even better? You can use the Gallery's editing features to crop, rotate, and apply a variety of effects (such as graffiti, personalized watermarks, and filters) to your photos to make them more striking.

Go to  **Gallery**, select the photo you want to edit, and touch  to enter the photo editing screen. You can use the following features to edit your photos:

- **Rotate a photo:** Touch , and slide the angle dial to customize the rotation angle of the photo. You can also touch **Rotate** or **Mirror** to rotate your photo 90 degrees or flip it.
- **Crop a photo:** Touch , and drag the grid tool box or its corners to make your selection. You can also select a fixed crop ratio and drag the corners of the grid tool to crop the photo.
- **Add filter effects:** Touch , and select a filter effect.
- **Color retention:** Touch , and follow the onscreen instructions to select the colors you want to keep. The areas selected to retain colors will be highlighted.
- **Adjust photo effects:** Touch  to adjust the photo's brightness, contrast, saturation, and other parameters.
- **Beautify a portrait photo:** When the system detects a portrait photo, it will automatically provide you with the **Beauty** feature. You can touch  in the photo editing screen to apply features such as **Smooth**, **Blemishes**, **Thin face**, and **Enhance eyes** to make your portrait shot more attractive.
- **Create photo mosaics:** Touch , and select a mosaic style and size to create a photo mosaic.
- **Graffiti on photos:** Touch , and select a brush and color to add graffiti to photos.
- **Add watermarks:** Touch , and select a watermark (such as **Time**, **Location**, **Weather**, or **Mood**) to personalize your photos.
- **Add a tag:** Touch , and select an annotation style and font format to enrich your photos.

Organize Photo Albums

Add photos or videos to a new album: From the **Albums** tab, touch **Add album**, enter an album name, and then touch **OK**. Select a photo or video and add the selected item to a new album.

Relocate photos and videos: You can move photos and videos from various locations to the same album for unified management and browsing. After entering the corresponding album, press and hold a photo or video until the  icon appears, then select the photos and videos you want to move.

Touch  , and select the album to move the items into. Once the items are moved, they will no longer be retained in their original locations.

Favorite photos and videos: Want to store your favorite photos and videos separately? You can Favorite your special photos and videos for easy viewing. Open the photo or video you want to Favorite, then touch  to store it in the **My favorites** album. The items you Favorite will remain in their original locations. However, a  icon will appear on their thumbnails.

Hide albums: Have important personal albums you don't want others to see? You can hide them to ensure personal privacy. From the **Albums** tab, go to  > **Hide albums** and turn on the switches for albums that you want to hide.

 Albums such as **Camera**, **Videos**, **My favorites**, and **Screenshots** cannot be hidden.

Delete photos and videos: Press and hold a photo or album until the  icon appears, select the items you want to delete, and then go to  > **Delete**. Deleted photos and videos will remain in the **Recently deleted** album, along with a tag indicating the number of days until the item is permanently removed from the system. To permanently delete a photo or video before it expires, from **Recently deleted**, select the photo or video you want to permanently delete and go to  > **Delete**.

Recover deleted photos and videos: Go to the **Recently deleted** album, press and hold a photo or video until the  icon appears, then select the items you want to recover, and touch  to recover them to their original albums. If the original album is deleted, the system will re-create a new album for you.

Phone Manager

Use Optimize

Have you noticed that your Phone has slowed down recently? Do you worry that it might be vulnerable to malware and other security threats? Use Optimize to make your Phone run smoother and protect it from security threats.

Open  **Phone Manager**, and touch **OPTIMIZE**. Your Phone will automatically optimize its overall performance, security, battery performance, and device management. You can also customize the optimization options. The system will recommend that you use Optimize. This will help you increase running speed, check for security risks, optimize power consumption, and monitor and block unknown phone numbers and harassment calls.

Manage Mobile Data Usage

Manage mobile data usage to avoid incurring extra charges.

Open  **Phone Manager**, and touch **Data usage** to view data usage statistics or enable **Smart data saver**.

- **Data usage this month:** Check the data usage of individual apps.
- **Network access:** Manage Internet access permissions for each app.
- **Smart data saver:** Enable data saving mode (prevents background apps from using mobile data) and select the apps that have unrestricted data access.

Enable Smart Power-Saving Management to Optimize Power Consumption

Running out of battery at an inopportune time can cause many inconveniences. Smart power-saving management helps you to effectively extend the battery life of your Phone so that you can better enjoy your favorite games and other interests.

Open  **Phone Manager** and touch  to perform the following:

- **Comprehensive power consumption analysis and optimization:** Touch **Optimize battery usage** to check for power consumption problems and automatically optimize performance.
- **Enable Power-saving mode or Ultra power-saving mode:** Enable **Power saving mode** or **Ultra power saving mode**. Choose the appropriate power saving mode based on your Phone's battery level to extend battery life.
- **View power consumption details:** Touch **Power consumption details** to view power consumption details. In the Battery usage details section, the colored bars beneath **Charging** indicate the various points when you charge your device. Gaps between the colored bars indicate

the various points when you were not charging your device. This feature does not consume power.

Touch **Battery usage** to view power-intensive apps and hardware.

- **Display remaining battery percentage on the status bar:** Enable **Battery percentage** to display the remaining battery percentage of your device on the status bar.

Email

Add Email Accounts

Add your email account to your Phone for convenient email access at any time. If you have questions about specific settings while configuring your email, please consult your email account provider.

Add a personal email account: Open , select an email service provider or touch **Others**, enter your email address and password, then touch **Sign in** and follow the onscreen instructions to configure your account. The system will automatically connect to the server and check server settings.

Add an Exchange account: Exchange is developed by Microsoft and used by companies as their internal email system. If your company email uses Exchange servers, you can log in to your work email on your Phone. Go to  > **Exchange**, enter your email address, username, and password, then touch **Sign in** and follow the onscreen instructions to configure your account. The system will automatically connect to the server and check server settings.

After configuration, the system will open the **Inbox** screen by default.

Manage Email Accounts

You can manage multiple email accounts concurrently on your Huawei Phone.

Open  **Email**. You can:

- **Check emails:** On the **Inbox** screen, touch , and then select an email account to view the list of your emails. Swipe down to refresh the list of emails. Open an email to read, reply, forward, or delete it. Swipe left or right on the screen to view the previous or next email. To delete multiple emails, touch and hold an email to go to the email management screen, select the emails, and touch .
- **Sync emails:** Swipe down on the **Inbox** screen to refresh the emails list. Go to  > **Settings**, touch an account, and then enable **Sync email**. To sync automatically, touch **Sync frequency** and select the syncing time to complete configuration.
- **Search emails:** On the emails list screen, touch the search bar, and enter a keyword, such as email subject and content.
- **Add multiple email accounts:** Go to  > **Settings** > **Add account**, select your email service provider, and enter your information.
- **Switch between email accounts:** On the emails list screen, touch , and then touch an account name to switch to.
- **Configure email accounts:** On the emails list screen, go to  > **Settings**, select an account to set **Account name**, **Default account**, and **Remove account**.

Manage VIP Email Contacts

Worried about missing an important contact's email among a sea of emails? You can add important contacts to the VIP list. Your device will automatically move emails from VIP contacts to the VIP mailbox.

Open  **Email**, and go to  > **Settings** > **VIP contacts**. From the **VIP list** screen, go to **Add** > **Create** or **Add from contacts**.

Add or remove VIP contacts: On the **VIP list** screen, touch  or  to manage VIP contacts.

Import Important Events to Calendar

Worried about missing an important event among a sea of emails? You can import important events to Calendar and view them at anytime and anyplace.

Open  **Email**, select the event from the email, and select  > **Add to calendar**.

Set Auto Response for Exchange Email

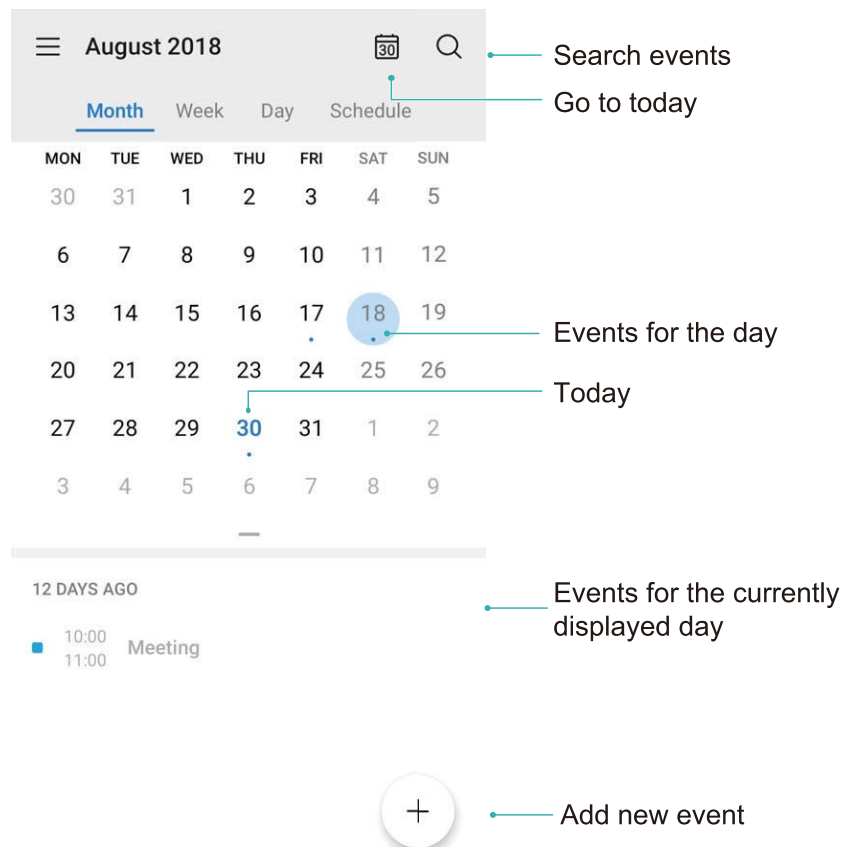
Unable to reply to emails on vacation? Enable auto responses to automatically reply to emails.

Open  **Email**, go to  > **Settings**, and select your Exchange account. Touch **Automatic replies**, enable **Automatic replies**, set the content and time of your auto reply, and then touch **Done**.

Calendar

Navigate the Calendar

Want to bring order to your busy life? Try using the app **Calendar** on your Huawei Phone to manage your daily schedule.



Create an event: Open  **Calendar**, touch , and enter your event information including title, location, and start and end times. Go to **Add reminder** to add a reminder for your event, then touch .

Search events: On the **Calendar** page, touch  and enter the event keywords, such as title or location.

Configure Calendar: On the **Calendar** page, go to  > **Settings** to customize calendar display and reminders.

Clock

Use the Clock

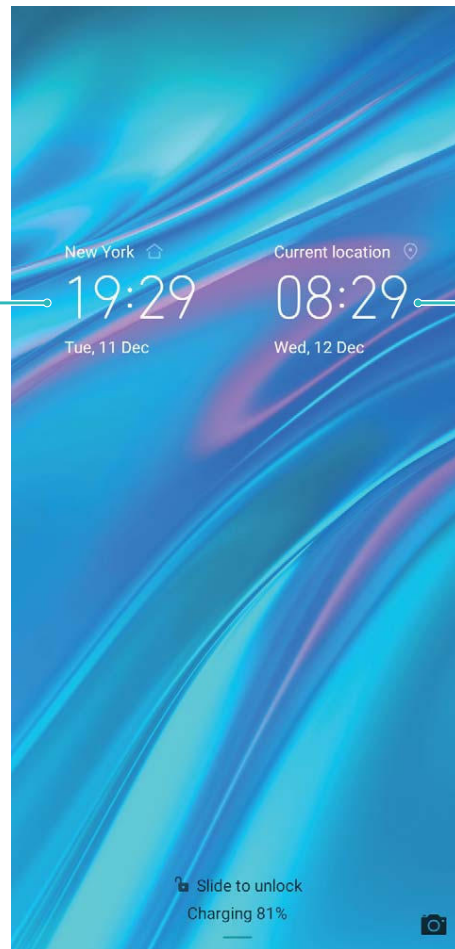
The seemingly simple clock has a lot of useful functions. Clock can be used as an alarm, world clock, stopwatch, or timer.



View the time all over the world: Go to  **Clock**, touch  on the **World clock** tab, and enter the name of a city or select one from the list of cities. Touch  to set the date and time.

Display the time in two different regions: Open  **Clock**, and then go to  > **Date & time** on the **World clock** tab. Enable **Dual clocks**, touch **Home city**, and select your city of residence from the list.

Time and date in
your selected city



Network-provided
date and time

- i** Two times will only be displayed if you are in a different region than the one you selected as your home city, otherwise you will only see one.

Notepad

Manage Your Notes to Keep Your Records in Order

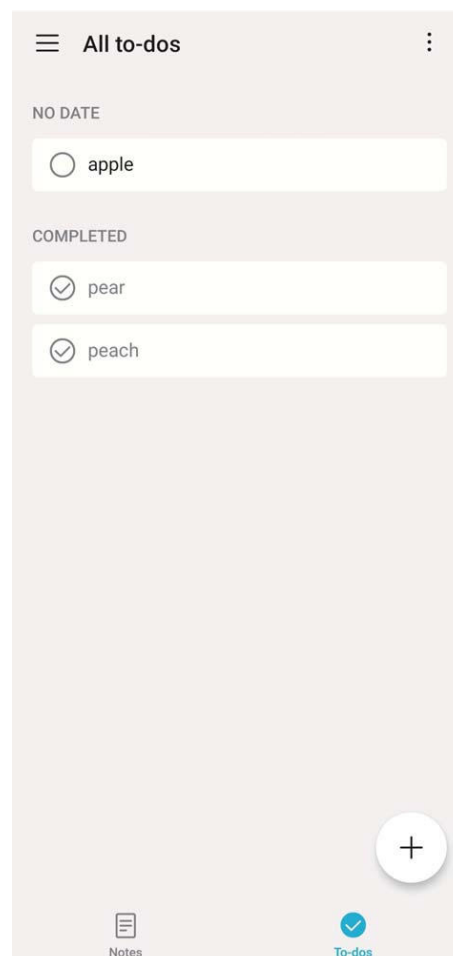
Want to share important notes or add something to favorites? Manage your notes to keep your records in order.

Share a note: Want to send your meeting notes to your colleague? On the list page of **Notes** or **All to-dos**, open the note you want to share, then touch  to select a sharing method and follow the onscreen prompts.

Add a note to favorites: Want to add a note to favorites so you can refer to it later? On the list page of **Notes**, swipe left on a note and touch . Alternatively, open the note you want to add to favorites and touch .

Generate a to-do list: Want to create a shopping list? On the page of **Notepad**, touch  > , enter an item, and then touch **Save**. Add multiple items to generate a to-do list.

-  After completing an item, go to the editing page of **All to-dos**, and select  on the left of the completed item.



Add a handwritten note: Want to quickly record your drawing or handwriting? Go to **Notes** > , touch , write your notes, and touch  to save it. You can write and draw in Notepad.

Add tags to notes: Want to easily view the categories of your notes? On the editing page of **Edit note**, touch , and use different colored tags to categorize different content for a clearer view of your notes.

Device Connection

NFC

Introduction to NFC

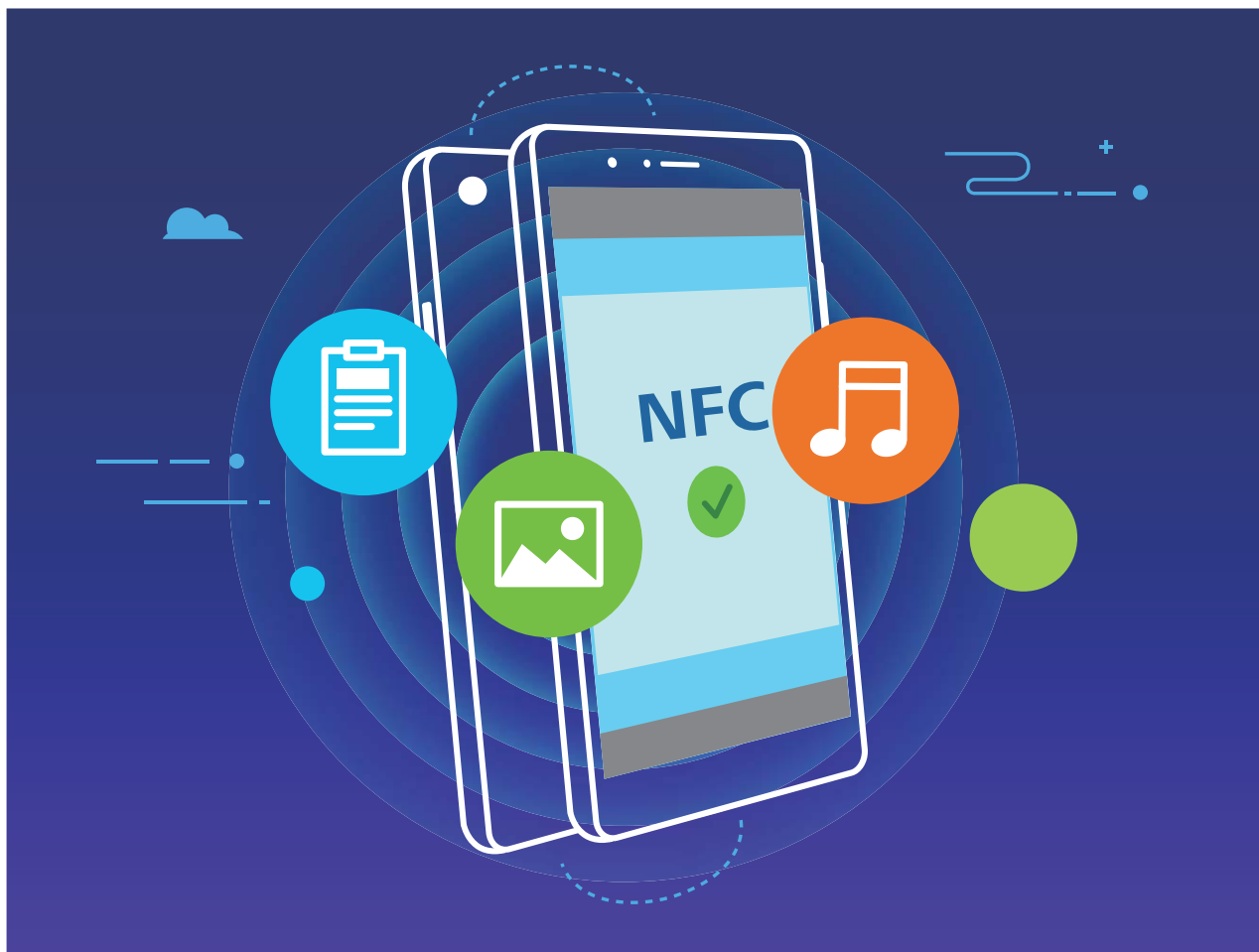
NFC (Near Field Communication) is a technology that enables short-distance wireless communication. Through NFC's point-to-point mode, two devices can transfer data in real time when they are within 10 cm (4 inches) of each other. Photos, networks, and apps can all be quickly shared using this method. NFC read/write mode lets you check product information contained in NFC tags. NFC card emulation mode allows your device to act as a bank card for quick and easy payments.



i Only MRD-LX1N supports NFC. Please keep the NFC area close to other devices or objects while using the NFC function.

Use NFC to Share Data Quickly

NFC lets you share data across two devices quickly without the hassle of pairing. Simply place the NFC detection areas of both your devices in close proximity to each other, and then you can transfer files and other data quickly between the two NFC-enabled devices.



Use NFC to send data: Open  **Settings**, touch **Device connectivity** and enable **NFC** and **Huawei Beam**. Select the files you want to send and touch **Share** > **Huawei Beam**. Keep your Phone unlocked and the screen on. Place the NFC detection areas of both devices close together. Once a connection is established, the transmitting device will play an audio alert and minimize the sharing screen. Touch the transmitting device's screen to send files.

Receive files over NFC: Open  **Settings**, then touch **Device connectivity** and enable **NFC** and **Huawei Beam**. Keep your Phone unlocked and the screen on. Place the NFC detection areas of both devices close together. Once a connection is established, the transmitting device will play an audio prompt. After the prompt, please wait for the file transfer to complete. Received files are saved by default to the **Beam** folder of your **Files**.

-  If there is an option to enable **Read and write/P2P** on the NFC screen, ensure that it is enabled. Features may vary depending on your carrier.
-  Only MRD-LX1N supports NFC. Please keep the NFC area close to other devices or objects while using the NFC function.

Use NFC to Quickly Establish Connections between Devices.

Place the NFC detection areas of two devices close together to quickly establish a Bluetooth or Wi-Fi connection between them. You can also use this method to establish a Wi-Fi Direct connection or share a Wi-Fi hotspot without searching for devices, pairing and entering connection details manually.



Using Bluetooth pairing as an example, enable NFC, Huawei Beam, and Bluetooth on both devices. Open the Bluetooth pairing screen on both devices and place the NFC detection areas of devices close together. When the sending device plays an audio prompt and content on the screen shrinks, follow the onscreen instructions and touch the screen on the sending device to establish a Bluetooth connection.

- i If there is a **Read and write/P2P** switch on the NFC screen, ensure it is also enabled. Features may vary depending on your carrier.
- i Only MRD-LX1N supports NFC. Please keep the NFC area close to other devices or objects while using the NFC function.

Bluetooth

Connect Your Phone to Bluetooth Devices

Use Bluetooth to connect your Phone to Bluetooth headsets and in-car Bluetooth to navigate or listen to music while you drive. You can also connect your Phone to Bluetooth wearables to record and manage fitness data. Connecting Bluetooth devices to your Phone does not increase power consumption significantly.



Bluetooth protocols used by Huawei devices and their functions:

HFP, HSP	Make calls
A2DP	Play music
AVRCP	Control music playback
OPP	Transfer files
PBAP	Sync contacts
MAP	Sync text messages
HID	Operate Bluetooth keyboards and mice
PAN	Tethering
BLE	Connect to Bluetooth Low Energy (BLE) devices

Enable or disable Bluetooth: From the home screen, swipe down from the status bar, open the shortcuts panel, and then touch  to enable or disable Bluetooth. Touch and hold  to open the Bluetooth settings screen.

Pair a Bluetooth device: Enable **Bluetooth** from the Bluetooth device's settings screen. Check that the Bluetooth device is set to visible. From **Available devices**, touch the device you want to pair and then follow the onscreen instructions to complete pairing.

Unpair a Bluetooth device: Enable **Bluetooth** from the Bluetooth device's settings screen. Touch

 next to the name of the paired device and then touch **Unpair**.

Change Bluetooth device name: From the Bluetooth settings screen, enable **Bluetooth**. Touch **Device name**, enter a new name for the device, and then touch **Save**.

View Bluetooth help: From the Bluetooth settings screen, touch  to view information on how to establish Bluetooth connections with in-car systems, headsets, speakers, wearables, Phone, tablets, and computers.

Use Bluetooth to Share Data

Connect your Phone to another device over Bluetooth to share data, import and export contacts, and set up Internet tethering.

Use Bluetooth to send files: Ensure that your Phone is within Bluetooth range of the other device (10 m or 32 ft). You can then establish a Bluetooth connection and share multimedia files, web pages, contacts, documents, between the two devices. Open  **Files**, touch and hold the file that you want to send, and then go to **More > Share > Bluetooth**. Follow the onscreen instructions to enable Bluetooth. When the other device is detected (Bluetooth must be enabled and the device must be visible), touch the name of the device to establish a connection and start sending files.

Receive files over Bluetooth: From the home screen, swipe down from the status bar, open the shortcuts panel, and then touch  to enable Bluetooth. Touch **Accept** on the file transfer notification to begin receiving the files. Received files are saved to the **bluetooth** folder in **Files** by default.

Import or export contacts over Bluetooth: Open  **Contacts** and go to  > **Settings** > **Import/Export** to perform the following:

- **Import contacts:** Touch **Import via Bluetooth** and follow the onscreen instructions to establish a Bluetooth connection with the other device. Contacts from the other device will then be imported to your Phone automatically.
- **Export contacts:** Touch **Share contacts**, select the contacts that you want to share, touch  and select **Bluetooth**. Follow the onscreen instructions to establish a Bluetooth connection with the other device. Those contacts selected will be exported from your Phone to the other device automatically.

Connecting USB Device

Transfer Data between Your Phone and Computer

Use a USB cable to connect your Phone to your computer and transfer data.

Select USB connection mode

Use a USB cable to connect your Phone to the computer, you can then select a default connection method. You can transfer photos and files between your Phone and computer, or charge your Phone through the USB connection to your computer.

Swipe down from the status bar to open the notification panel, then touch **Settings > Touch for more options** and select a method for connecting your device and your computer.

- **Transfer photos:** Transfer photos between your Phone and computer.
- **Transfer files:** Transfer files between your Phone and computer.
- **Charge only:** Charge your Phone with just a USB cable.
- **Input MIDI:** Use your Phone as a MIDI input device and play music on your computer.

Transfer data over a USB port

Connect your Phone to your Computer using a USB cable to transfer data and perform other tasks.

- **Transfer files:** Media Transfer Protocol (MTP) is a type of transmission protocol for media files. You can transfer files between your Phone and computer using this connection method. First, install Windows Media Player 11 or later on your computer.

Swipe down from the status bar to open the notification panel, and then set your USB connection method to **Transfer files**. Your computer will automatically install the necessary drivers. After the installation is complete, click the new drive icon named Phone on the computer to view the files on your Phone. You can use Windows Media Player to view the media files on your Phone.

- **Transfer images:** Picture Transfer Protocol (PTP) is a protocol that allows you to transfer images. You can upload and share photos between your Phone and computer using this connection method.

Swipe down from the status bar to open the notification panel, and then set your USB connection method to **Transfer photos**. Your computer will automatically install the necessary drivers. After the installation is complete, click the new drive icon named Phone on the computer to view the images on your Phone.

- **Transfer MIDI data to your Phone:** MIDI (Musical Instrument Digital Interface) is an industry standard audio format for composing music established by electronic instrument manufacturers. Swipe down from the status bar to open the notification panel, and then set your USB connection method to **Input MIDI**. You can then use Phone to receive and process MIDI messages transmitted by other devices.

Transfer Data Between Your Phone and a USB Device

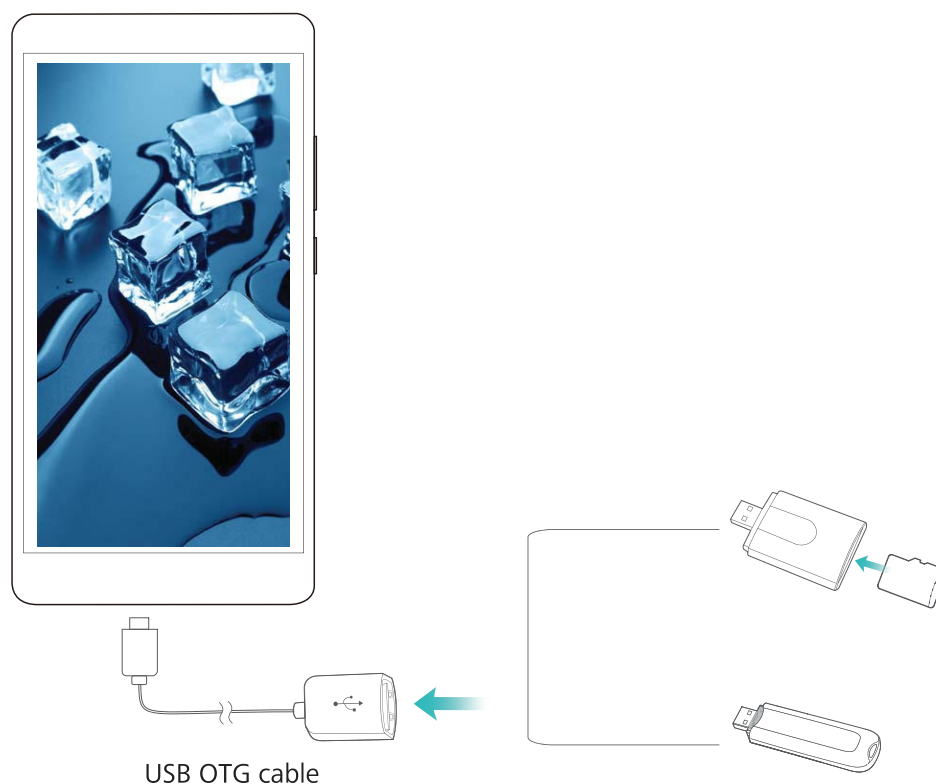
USB OTG (USB On-The-Go) lets you transfer data directly between your Phone and other devices (such as phones, tablets, cameras, and printers) without requiring a computer. You can also use a USB OTG cable to connect your Phone directly to a USB storage device and transfer files.

Transfer data between your Phone and a USB storage device

You can use an OTG cable to access USB storage devices (including USB drives and card readers) directly from your Phone.

 This feature is only available on Phones with USB OTG support.

- 1 Connect the USB drive to your Phone using a USB OTG cable.



- 2 Go to **Files > USB drive**, navigate to the USB drive, select the data that you want to copy, and then copy it to the target folder.
- 3 Once the transfer is complete, go to **Settings > Storage > USB drive > Eject**.
- 4 Disconnect the USB OTG cable and USB cable from the two devices.

Security and Privacy

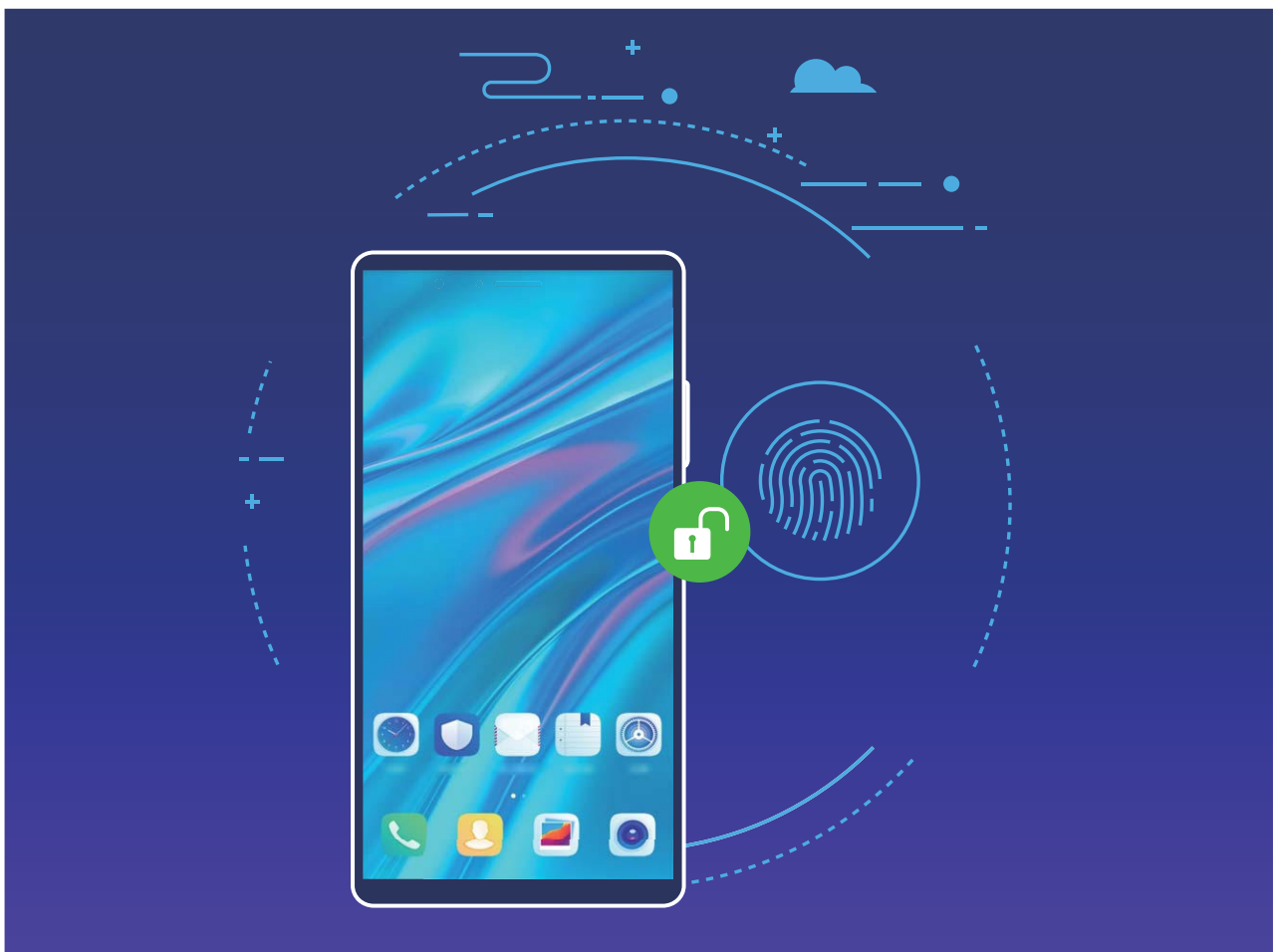
Fingerprint

Introduction to Fingerprint Recognition

Fingerprint recognition not only allows you to unlock your Phone faster, it also provides added security to your personal information.

You can use your fingerprint to:

- **Unlock your screen with a single touch:** Want to avoid the hassle of using PIN codes and patterns to unlock your screen? Use your fingerprint to quickly and securely unlock your screen with a single touch.
- **Access your private files:** Afraid of forgetting your password for the Safe or app lock, or having it fall into the hands of someone you don't trust? Set fingerprint access for the Safe and app lock to keep your files and apps secure and accessible by only you.
- **Perform fingerprint shortcuts:** Can't reach the shutter button to take a photo? Want a faster way to answer a call or turn off an alarm? Set fingerprint shortcuts to quickly take photos, answer calls, and turn off alarms with any of your fingers.



 Only MRD-LX3 and MRD-LX1F support fingerprint recognition.

Use Fingerprint Shortcuts for Faster Device Operation

Can't reach the shutter button to take a photo, or want a faster way to answer a call or turn off an alarm? You can use any of your fingertips to quickly take photos and answer calls with the fingerprint sensor. No fingerprint verification is required.

Open  **Settings**, and go to **Security & privacy > Fingerprint ID**. From here, you can enable fingerprint shortcuts for the following features:

- **Take a photo or video:** From the viewfinder screen of Camera, touch and hold the fingerprint sensor to take a photo or video.
- **Answer a call:** Touch and hold the fingerprint sensor to answer a call.
- **Turn off an alarm:** Touch and hold the fingerprint sensor to turn off an alarm.
- **Show the notification panel:** When your screen is in portrait mode, swipe down on the fingerprint sensor to display the notification panel, touch twice to clear notifications, and swipe up to close the notification panel.
- **Browse pictures:** When viewing pictures in full-screen mode, swipe left or right on the fingerprint sensor to browse through your pictures.

 Only MRD-LX3 and MRD-LX1F support fingerprint recognition.

Enroll a Fingerprint

You can enroll a fingerprint on your Phone and then use your fingerprint to unlock your screen or access your Safe or App Lock without a password.

-  • Fingerprint unlocking is only available when your unlock method is set to **Pattern**, **PIN** or **Password**. You will be required to unlock your Phone using the screen unlock password after the device is restarted or if your fingerprint is not recognized.
- Before enrolling a fingerprint, make sure your finger is clean and dry.

- 1 Open  **Settings**.
- 2 Go to **Security & privacy > Fingerprint ID > Fingerprint management > Change unlock method**, select **Pattern**, **4-digit PIN**, **Custom PIN** or **Password**, and then follow the onscreen instructions to set an unlock password.
- 3 Once you have set an unlock password, touch **New fingerprint** to enroll a fingerprint.
- 4 Place your fingertip on the fingerprint sensor. Press down lightly on the sensor until your device vibrates. Repeat this step using different parts of your fingertip.
- 5 After enrollment is complete, touch **OK**.

To unlock the screen, simply place your fingertip on the fingerprint sensor.

 Only MRD-LX3 and MRD-LX1F support fingerprint recognition.

Add or Modify a Fingerprint

You can enroll a maximum of five fingerprints on your device. You can also delete or rename your fingerprints.

- 1 Open  **Settings**.
 - 2 Go to **Security & privacy > Fingerprint ID > Fingerprint management**.
 - 3 Enter the screen unlock password and then follow the onscreen instructions to enter the fingerprint configuration screen.
 - 4 In the Fingerprint list section, you can:
 - **Enroll a new fingerprint:** Touch **New fingerprint** to enroll a new fingerprint.
 - **Rename or delete a fingerprint:** Touch a previously enrolled fingerprint to rename or delete it.
 - **Identify a fingerprint:** Touch **Identify fingerprint** to identify and highlight enrolled fingerprints.
-  Only MRD-LX3 and MRD-LX1F support fingerprint recognition.

Use a Fingerprint to Quickly Access Private Information

Tired of having to enter a password each time you want to access private information in your Safe or a locked app? You can use your fingerprint to quickly access your private information. This method is convenient and safe.

- 1 Open  **Settings**.
- 2 Go to **Security & privacy > Fingerprint ID > Fingerprint management**.
- 3 Enter the screen unlock password and then follow the onscreen instructions to enter the fingerprint configuration screen. Enable **Access safe** and **Access app lock**, and then follow the onscreen instructions to enter the passwords.

Now you can:

- **Use a fingerprint to access the Safe:** Open  **Files** and touch **Safe**, you can then access the Safe using your fingerprint.
 - **Use a fingerprint to access apps locked by App lock:** You can now open locked apps on your home screen using your fingerprint.
-  Only MRD-LX3 and MRD-LX1F support fingerprint recognition.

Face Unlock

Delete Face Data

If you no longer use Face unlock or want re-input your face data, you can delete the current face data.

Open  **Settings**, go to **Security & privacy > Face recognition**, follow the onscreen instructions and enter the lock screen password, then touch **Delete facial data** and follow the onscreen instructions to delete your current face data.

- Facial data will be erased if you reset all settings, restore your device to its factory settings, or set your password to none.
- Facial data will not be erased after a HOTA update.

Pick Up to Unlock

Open  **Settings**, and go to **Security & privacy > Face recognition**. When enrolling facial data, select **Enable Pick up to wake**, and set the Face unlock method to **Direct unlock**. Once the setup is complete, you can simply raise your Phone to unlock the screen, without a password or fingerprint.

If you haven't selected **Enable Pick up to wake** when enrolling facial data, you can open  **Settings**, go to **Security & privacy > Face recognition**, and set the Face unlock method to **Direct unlock**. Then, open  **Settings**, go to **Smart assistance > Motion control > Pick up**, and select **Wake device**.

Enable or Disable Location Services

After obtaining the location information permission, apps can obtain your location at any time. If your location information is obtained by a malicious app, you may be at risk of harm or fraud. You can enable or disable location services as needed and regularly monitor and manage the allowed permissions for your apps to protect your privacy and security.

Enable or disable location services: Open  **Settings**, go to **Security & privacy > Location access**, and enable or disable **Access my location**. When location services are disabled, aside for pre-installed software, your Phone will stop all apps and services from collecting and using your location information. The system will ask you to enable location services when you attempt to use these apps.

- Features may vary depending on your carrier.
- Huawei only uses location data to provide you with necessary functions and services, not for the purpose of identifying and collecting your private information.

Set indoor positioning assistance: Open  **Settings**, go to **Security & privacy > Location access > Advanced settings**, and enable or disable Wi-Fi and Bluetooth scanning. Scanning Wi-Fi networks and Bluetooth devices will improve the accuracy of indoor positioning.

Enable App Lock

App lock allows you to set a password for your important apps. Once you restart your Phone or unlock the screen, you will be asked to enter your App lock password when opening the apps for the first time. App lock enhances the protection of your private information and prevents unauthorized access to important apps on your device.

Enable App lock: Open  **Settings**. Go to **Security & privacy > App lock**. When you access the app for the first time, follow the onscreen instructions to set the password and enter the app lock. In subsequent access, you can directly enter the app lock password. On the App lock screen, enable App lock for the apps you want to protect. When accessing a locked app for the first time, you need to enter the password in the password text box. If you forget the password, touch **Forgot password**, enter the answer in the password protection question box, and reset the password. If you have not set the password protection, the **Forgot password** option is not available.

Modify your App lock password and password protection: Touch  on the App lock screen, and then touch **Change password** or **Change password protection** to modify your App lock password or password protection.

Backup and Restoration

Data Backup Using HiSuite

You can use the backup function of **HiSuite** to back up all your device's important information, including your contacts, SMS messages, images, or other large files on your Phone and store them on your computer. You can easily restore data from the computer back on your original device, or restore it to other Huawei devices.

HiSuite can help you with the following:

- Back up all your data to your computer.
- The storage space for your data depends on the computer's available space.
- Provide encrypted backups (unencrypted by default).

Reset Your Phone

If the operating speed of your Phone starts to slow down due to long-term accumulation of caches and residual files, you can reset your Phone to erase these cached files completely and restore your device's factory settings.

Reset network settings: This will restore your Wi-Fi, mobile data network, and Bluetooth settings, including hotspot tethering and Bluetooth pairing information. It won't change other settings on your Phone, or delete any data or files.

Open  **Settings**, go to **System > Reset > Reset network settings**, touch **Reset network settings**, and follow the onscreen instructions to reset the settings.

Restore all settings: This will restore your device's initial network settings, fingerprint data, face data, and lock screen passwords. It won't reset settings for Find my Phone or HUAWEI ID, nor will it delete any data or files.

Open  **Settings**, go to **System > Reset > Reset all settings**, touch **Reset all settings**, and follow the onscreen instructions to reset the settings.

Restore factory settings: This will delete all data in your device's memory and storage, including your account settings, system settings, app data, installed apps, music, images, and documents, and restore your Phone to its original factory settings. Back up your data before restoring your device to its factory settings.

Open  **Settings**, go to **System > Reset > Reset Phone**, touch **Reset phone**, enter the screen unlock password (if any), and follow the onscreen instructions to reset the settings.

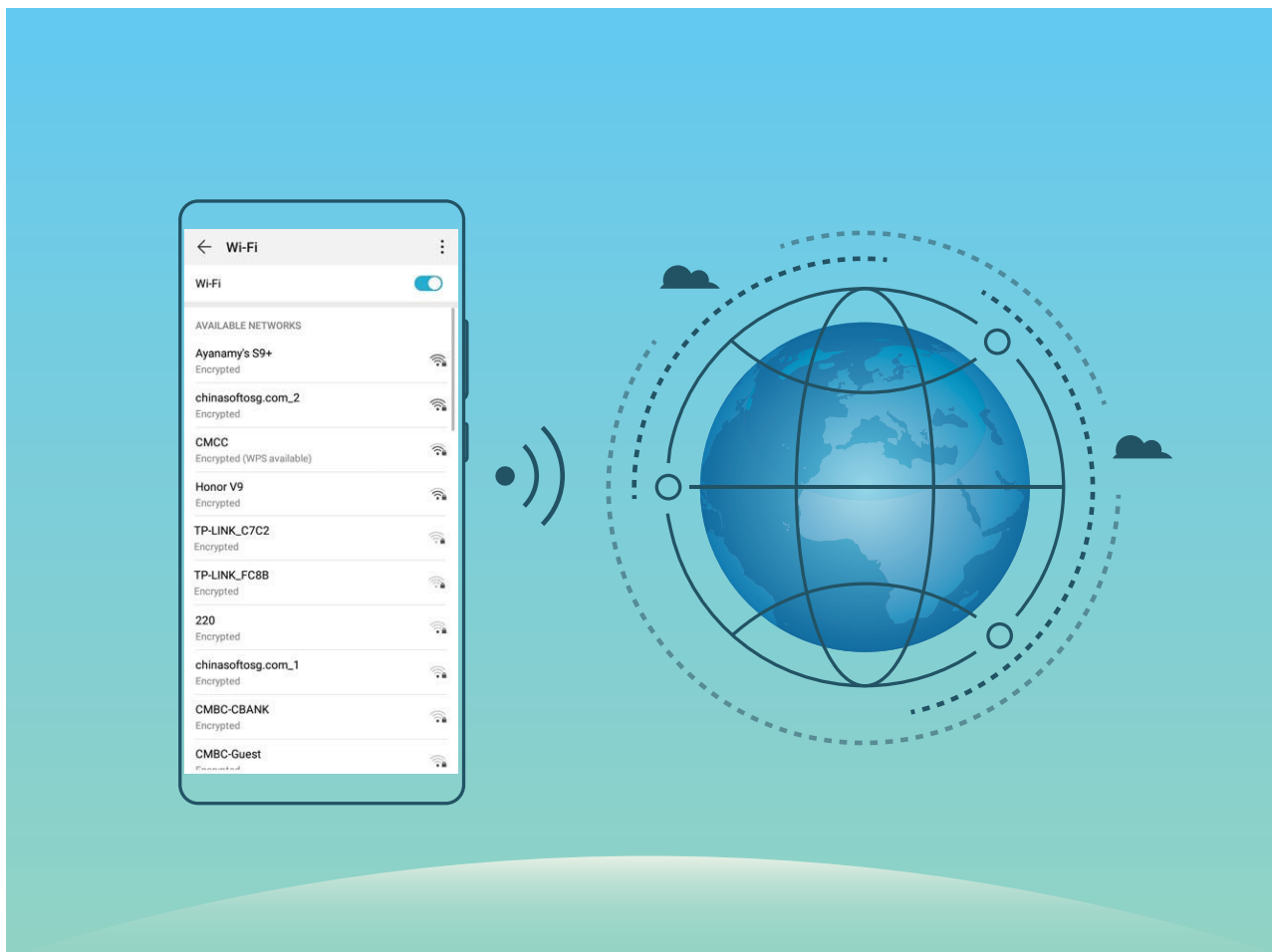
Wi-Fi and Network

Wi-Fi

Connect to Wi-Fi

By connecting your device to a Wi-Fi network, you can effectively save mobile data.

-  To avoid potential security risks (such as unauthorized access to your personal data and financial information), please exercise caution when connecting to a public Wi-Fi network.



Connect to a Wi-Fi Network: Open  **Settings**, go to **Wireless & networks > Wi-Fi**, and enable **Wi-Fi**. Touch a Wi-Fi network to access it, and enter the network password or complete the authentication if required. Alternatively, you can scroll to the bottom of the menu, touch **Add network**, and follow the onscreen instructions to add a network hotspot by entering its name and password.

Transfer Data Using Wi-Fi Direct

Wi-Fi Direct allows you to rapidly transfer data between Huawei devices. Wi-Fi Direct is faster than Bluetooth and does not require devices to be paired. It is better suited to transferring large files over short distances.



Send files with Wi-Fi Direct: Open  **Files**, touch and hold a file you want to send, and go to **More > Share > Wi-Fi Direct**. When another device is detected, touch its name to establish the connection and begin file transfer.

Receive files with Wi-Fi direct: Enable **Wi-Fi**. In the Wi-Fi settings screen, touch  > **Wi-Fi Direct** to enable detection. When you receive an incoming file prompt, touch **Accept** to begin the transfer. The received file will be saved under **Files** in the **Wi-Fi Direct** folder by default.

Connecting to the Internet

Connect to Wi-Fi networks effortlessly with your device.

Connecting to a Wi-Fi network

- 1 Swipe down from the status bar to open the notification panel.
- 2 Touch and hold  to open the Wi-Fi settings screen.
- 3 Switch on **Wi-Fi**. Your device will list all available Wi-Fi networks at your location.
- 4 Select the Wi-Fi network you want to connect to. If you select an encrypted network, you will also need to enter the Wi-Fi password.

Connecting using mobile data

-  Before using mobile data, ensure that you have a data plan with your carrier to avoid incurring excessive data charges.

- 1 Swipe down from the status bar to open the notification panel.
- 2 Touch  to enable mobile data.
 -  When you don't need to access the Internet, disable mobile data to save battery power and reduce data usage.

Share Your Mobile Network with Other Devices

Have extra mobile data at the end of the month? You can share it with your friends.



You can use Wi-Fi hotspot or Bluetooth to share your mobile data with other devices.

Use Wi-Fi hotspot to share mobile data: Open  **Settings** and go to **Wireless & networks > Tethering & portable hotspot > Portable Wi-Fi hotspot > Configure hotspot**. Set the hotspot name, encryption type, and password for the Wi-Fi hotspot, then touch **Save** and enable the hotspot to use it.

-  **Worried other devices will have unlimited access to your hotspot data?** On the **Portable Wi-Fi hotspot** screen, touch **Data limit** to set the data limit for a single session. When the data sharing limit is reached, your device will automatically disable the hotspot.

Use Bluetooth to share mobile data: Establish a Bluetooth connection between devices before using Bluetooth to share your mobile data. Open  **Settings**, go to **Wireless & networks > Tethering & portable hotspot**, and enable **Bluetooth tethering**. On the **Bluetooth** screen of the

paired device, touch  next to the paired device, and enable **Internet access** to establish an Internet connection and share your mobile data.

Use USB to share mobile data: Use a USB cable to connect your device to a computer. Open  **Settings**, go to **Wireless & networks > Tethering & portable hotspot**, and enable **USB tethering** to start sharing your mobile data.

-  Depending on the operating system, you may need to install drivers or establish the relevant network connection on your computer before using this function. Refer to your computer's operating system guide for more information.

Sound and Display

Configure Do Not Disturb Mode

Do not disturb mode blocks calls from strangers and only notifies you when you receive calls and messages from chosen contacts.

Open  **Settings** and go to **Sounds > Do not disturb**. Toggle on the **Do not disturb** switch, then touch **Do not disturb mode** and select one of the following options:

- **Allow calls and messages from important contacts:** Select **Allow priority interruptions only**, and then touch **Define priority interruptions** to configure which contacts can call or message you.
- **Allow alarm ringtones:** Select **Alarms only** to only allow alarm ringtones.
- **Disable all interruptions:** Select **Don't interrupt** to disable ringtones and vibrations and prevent the screen from turning on for incoming calls, messages, and alarms.

 Some third-party apps may continue to ring when Do not disturb mode is enabled. Configure the in-app settings to mute notifications from these apps.

Time rule: Prevent interruptions at set times, such as weekends or evenings. Touch **Time** to configure the time period and repeat interval, then toggle on the **Time** switch.

Event rule: Prevent interruptions during meetings or events. Touch **Event** to enable **Do not disturb** mode during calendar events.

Configure Your Sound Settings

When you are watching movies or playing games, your device will automatically switch to stereo sound to enhance your audio experience. You can also set ringtones and audio reminders for a variety of different scenarios.

Adjust system volume: Press a volume button or move the slider to quickly adjust the media volume. Touch  to display the sound settings screen. You can then adjust the volume of the ringtone, media, and alarm.

 You can also adjust volume in your system settings. Open  **Settings**, touch **Sounds** and drag the volume slider to adjust your volume.

Switch between sound, vibration, and silent mode: Swipe down from the status bar and open the shortcuts panel. Touch  to switch quickly between **Sound**, **Silent** and **Vibration** mode.

Enable keypad and notification tones: Open  **Settings**, and go to **Sounds > More sound settings** to enable or disable keypad and notification tones and vibration on touch.

Set your Phone to Silent mode: From the **Sounds** screen, enable **Silent mode**. After you enable **Silent mode**, enable **Vibrate in silent mode**. Now when you receive an incoming call, your screen will light up and your device will vibrate.

Customize your ringtone and notification tone: From the **Sounds** screen, select a custom ringtone or use the **Notification**.

More Display Settings

Use Shortcuts to Access Frequently Used Features

You can touch and hold an app icon to display a menu of frequently used features for quick access. You can also touch and hold a feature and drag it to your home screen to create a shortcut.

 If you touch and hold an app icon and no shortcut is created, the app does not support home screen shortcuts.

Quickly access frequently used app features: Touch and hold an app icon on your home screen, and then touch a frequently used feature to access it. Each app supports up to four frequently used features. These are preset by the app and cannot be changed. For example, to take a selfie, touch and hold the camera icon, and then touch **Selfie** in the pop-up menu to create a selfie shortcut.

Add shortcuts to your home screen: Touch and hold an app icon on your home screen to bring up the menu. Touch and hold the desired feature, and then drag it to your home screen to create a shortcut. For example, you can add a shortcut for the camera's selfie feature for quick access to the selfie feature.

Change the Display Settings

Change the font size and adjust the screen brightness to suit your needs.

Open  **Settings** and touch **Display**. From here, you can:

- **Full-screen display:** Go to **More display settings > Full screen display** to display the app in full screen mode as required.
- **Change the image and text size:** Touch **Text and display size** and select a display mode to suit your needs.
- **Enable automatic screen rotation:** Go to **More display settings > Auto-rotate screen** to enable automatic rotation. Alternatively, swipe down from the status bar to open the notification panel, and then enable .
- **Adjust the color temperature:** Go to **Color temperature**. You can select the **Default**, **Warm**, or **Cool** option recommended by the system. Alternatively, touch anywhere on the circle or drag the spot to manually adjust the color temperature.
- **Play screen savers while charging in Sleep mode:** Go to **More display settings > Screen saver**, and enable **Screen saver**. You can set **Picture source** and **Playback duration**. After the setting is complete, your Phone will display a slideshow of your photos when it is being charged and enters Sleep mode.

- **Display more information in the status bar:** Touch **More display settings**. Depending on your preferences, you can enable **Display carrier name** or **Display network speed**.

Enable Eye Comfort Mode to Prevent Eye Strain

Do your eyes get tired and sore after looking at your Phone for a long time? Eye comfort mode can effectively reduce blue-light and adjust the screen to warmer colors, relieving eye fatigue and protecting your eyesight.

Enable Eye comfort mode: Open  **Settings**, go to **Display > Eye comfort**, and enable **Eye comfort**. The Eye comfort mode icon  will be displayed in the status bar. Once Eye comfort mode is enabled, blue light will be filtered out and the screen will take on a yellow tint.

Quickly enable or disable Eye comfort mode: Swipe down from the status bar to open the notification panel. From the notification panel, expand the shortcuts panel, then enable or disable .

Enable Eye comfort mode at set times: You can configure your Phone to enable Eye comfort mode for a set period of time each day. When Eye comfort mode is disabled, open  **Settings**, go to **Display > Eye comfort**, and enable **Scheduled**, then set your desired **Start time** and **End time**.

Adjust the color temperature in Eye comfort mode: Once Eye comfort mode is enabled, blue light will be filtered out and the screen will take on a mild yellow tint. This is normal and does not indicate an issue of your device. You can adjust the color temperature as needed. After you have enabled **Eye comfort**, you can adjust the color temperature slider for a cooler or warmer screen color.

-  After using your mobile phone for half an hour, rest your eyes for 10 minutes.
- While you are resting, look into the distance to adjust the focusing muscles of your eyes and avoid eye fatigue.
- Cultivating good eye care habits will protect your vision and prevent near-sightedness.

Storage

Enable Memory Cleanup

Your Phone may slow down over time as your storage space gets smaller. You can use memory cleanup to free up storage space, improve system performance, and keep your Phone running smoothly.

Open  **Phone Manager**. Touch **Cleanup** to clear memory and cache and optimize performance. If your storage space is still low, you can perform a deep clean to free up additional storage space.

System

Change the Input Method

You can change the input method on your Phone as desired.

Switch the input method: Open  **Settings**, go to **System > Language & input > Default keyboard**, and select an input method.

Accessibility

Enable TalkBack to Have Onscreen Content Read Aloud

TalkBack reads aloud content on the screen that you touch, select, or activate. It is a useful tool that helps visually impaired users interact with their Phone.

- 1 Open  **Settings** and go to **Smart assistance > Accessibility > TalkBack > ** to open the TalkBack settings screen.
- 2 Enable **TalkBack** and touch **OK**. Your device will launch a tutorial when you enable TalkBack for the first time. If you need to listen to the tutorial again, touch , open the TalkBack settings screen, and then launch the tutorial.
- 3 Touch  and enable **Explore by touch**. When **Explore by touch** is enabled, your device will read out content that you touch.

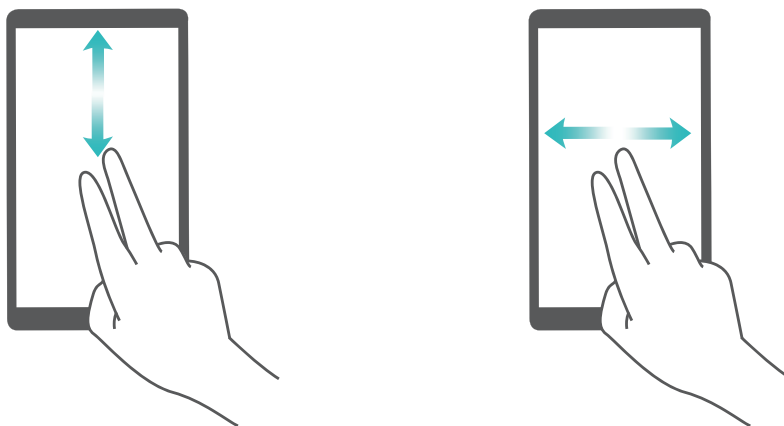
Why does my Phone suddenly start reading out content on the screen? How do I disable this feature? You may have enabled TalkBack by accident. To disable TalkBack, press and hold the Power button until your device vibrates, and then touch the screen with two fingers for at least three seconds.

Learn TalkBack Gestures

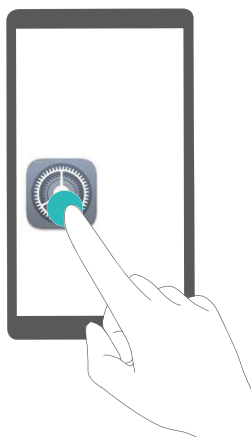
TalkBack uses a special set of gestures for Phone operation. When TalkBack is enabled, these gestures are required to interact with the device.

-  If you accidentally enable TalkBack, press and hold the Power button until your device vibrates, and then touch the screen with two fingers for at least three seconds to disable it.

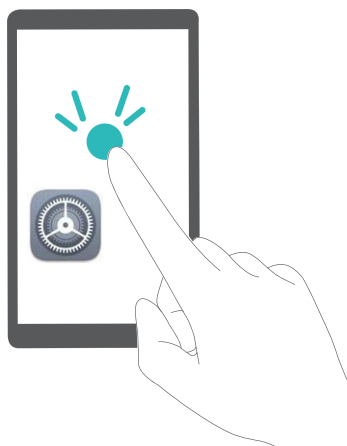
Navigate the screen: Swipe up or down with two fingers to scroll through menu lists. Swipe left or right to move between screens.



Select an item: Touch an item with one finger to select it (it will not open). Your device will read out the content of the selected item.



Open an item: Double-touch any part of the screen using one finger to confirm your selection from the previous step.



For example, if you want to open **Settings**, touch the **Settings** icon once using one finger, and then touch twice anywhere on the screen.

Use Text-to-Speech Output with TalkBack

The text-to-speech feature can read aloud texts on the screen of your Phone. It can also be used with the TalkBack service to help visually impaired users interact with their devices.

Open  **Settings**, go to **Smart assistance > Accessibility**, and enable **Text-to-speech**. Configure your preferred engine and speech rate to enable this feature.

Enable Color Correction

The color correction setting enables your device to compensate for the effects of color blindness.

 When color correction is enabled, users with normal color vision may have difficulty viewing some colors.

Open  **Settings**, go to **Smart assistance > Accessibility > Color correction**, and enable **Color correction**. Touch **Correction mode** to select the required color correction mode.

General Settings

Change Your System Language

Want to change your Phone's system language? This can be done with ease.

Open  **Settings**, go to **System > Language & input > Language**, and select the language you want to use. If the language you want is not listed, touch **Add language**, search and add the language, and then select it.

In **Add language > Added**, the displayed language (region) does not indicate an association between the language and region or have any political implications. The system interface is displayed according to the cultural habit of the selected region. For example, if you add English (Vietnam), the calendar will take Monday as the first day of each week according to Vietnamese habits rather than Sunday as the first day of each week according to British or American cultures.

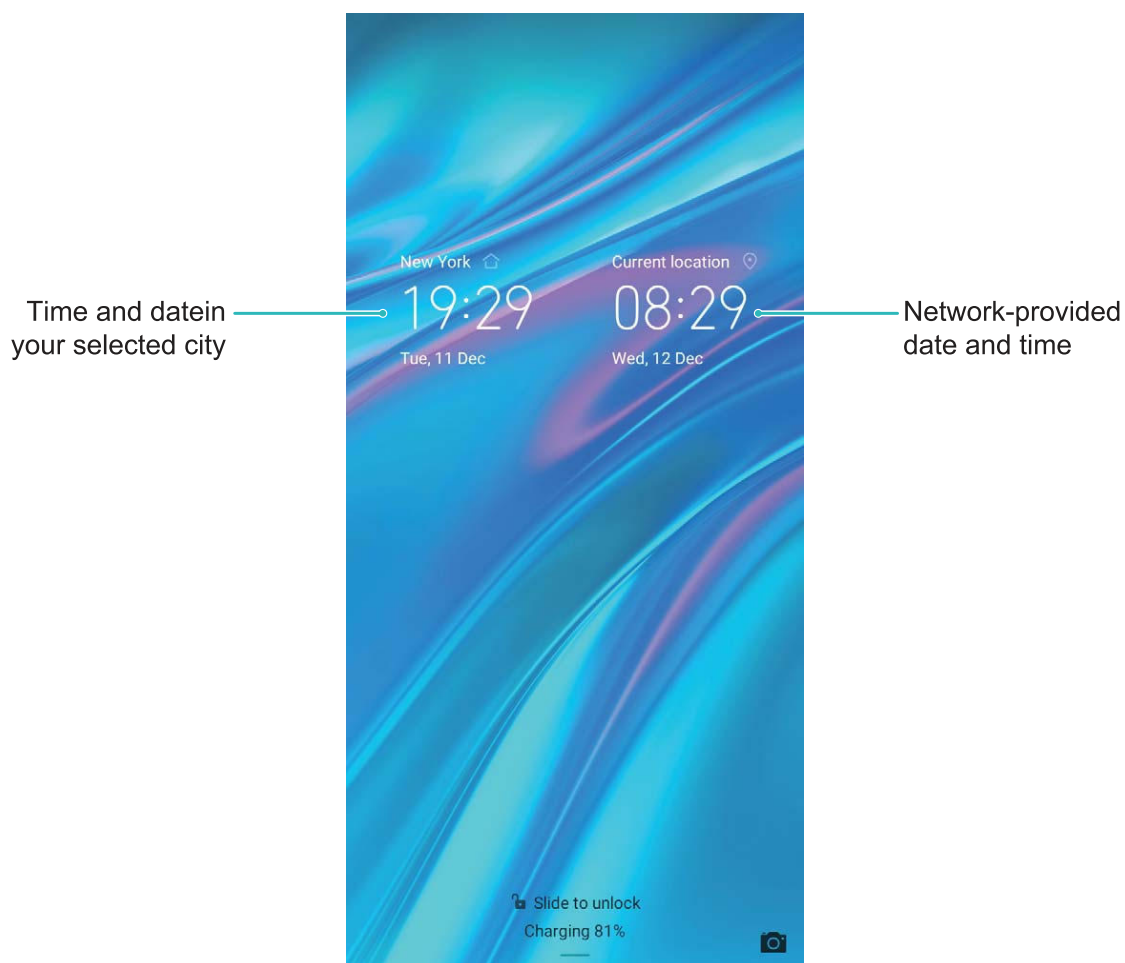
Set Your System Time and Date

If you travel abroad or change your SIM card, your Phone will automatically display the time and date provided by the local mobile network. You can also adjust the time and date manually, modify the time format, or set dual clocks on your lock screen.

Open  **Settings** and go to **System > Date & time**. From here you can:

- **Modify the time and date:** Enable **Set automatically** to sync your Phone's time and date with your mobile network. Disable **Set automatically** to set your time and date manually.
- **Modify your time zone:** Enable **Set automatically**, to sync your Phone's time zone with your mobile network. Disable **Set automatically** to set your time zone manually.
- **Change the time format:** Enable **24-hour time** to set your time format to 24 hours. Disable **24-hour time** to set your time format to 12 hours.

- **Set dual clocks on your lock screen:** If you are overseas, your Phone will automatically display the local time and date provided by the local mobile network. You can enable **Dual clocks** and set **Home city** to display dual clocks on your lock screen: one displaying the local time and the other the time in your home country.



View Memory and Storage Status

Unsure of how much memory and storage you have left after using your Phone for a long time? You can view your Phone's memory and storage information to help you monitor your memory and storage use and decide whether to perform a cleanup.

 Not all devices support memory cards.

Open  **Settings**, and touch **Storage** to view the memory usage, and free up more space in a timely manner based on the available storage space.

Clean up space: Select **CLEAN UP**, you can view the usage details of apps. Based on the scan result, you can also manually clean up the system as recommended or specify items to clean up.

Legal Notice

Legal Notice

Copyright © Huawei Technologies Co., Ltd. 2019. All rights reserved.

No part of this manual may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Technologies Co., Ltd. and its affiliates ("Huawei").

The product described in this manual may include copyrighted software of Huawei and possible licensors. Customers shall not in any manner reproduce, distribute, modify, decompile, disassemble, decrypt, extract, reverse engineer, lease, assign, or sublicense the said software, unless such restrictions are prohibited by applicable laws or such actions are approved by respective copyright holders.

Trademarks and Permissions



HUAWEI, HUAWEI,



are trademarks or registered trademarks of Huawei Technologies Co., Ltd.

Android™ is a trademark of Google Inc.

The *Bluetooth*® word mark and logos are registered trademarks owned by *Bluetooth SIG, Inc.* and any use of such marks by Huawei Technologies Co., Ltd. is under license.

Qualcomm® aptX™



and

Qualcomm® aptX™ HD



are registered trademarks of Qualcomm Inc.

(NASDAQ: QCOM).

Other trademarks, product, service and company names mentioned may be the property of their respective owners.

Notice

Some features of the product and its accessories described herein rely on the software installed, capacities and settings of local network, and therefore may not be activated or may be limited by local network operators or network service providers.

Thus, the descriptions herein may not exactly match the product or its accessories which you purchase.

Huawei reserves the right to change or modify any information or specifications contained in this manual without prior notice and without any liability.

Third-Party Software Statement

Huawei does not own the intellectual property of the third-party software and applications that are delivered with this product. Therefore, Huawei will not provide any warranty of any kind for third party software and applications. Neither will Huawei provide support to customers who use third-party software and applications, nor be responsible or liable for the functions or performance of third-party software and applications.

Third-party software and applications services may be interrupted or terminated at any time, and Huawei does not guarantee the availability of any content or service. Third-party service providers provide content and services through network or transmission tools outside of the control of Huawei. To the greatest extent permitted by applicable law, it is explicitly stated that Huawei shall not compensate or be liable for services provided by third-party service providers, or the interruption or termination of third-party contents or services.

Huawei shall not be responsible for the legality, quality, or any other aspects of any software installed on this product, or for any uploaded or downloaded third-party works in any form, including but not limited to texts, images, videos, or software etc. Customers shall bear the risk for any and all effects, including incompatibility between the software and this product, which result from installing software or uploading or downloading the third-party works.

This product is based on the open-source Android™ platform. Huawei has made necessary changes to the platform. Therefore, this product may not support all the functions that are supported by the standard Android platform or may be incompatible with third-party software. Huawei does not provide any warranty or representation in connect with any such compatibility and expressly excludes all liability in connection with such matters.

DISCLAIMER

ALL CONTENTS OF THIS MANUAL ARE PROVIDED "AS IS". EXCEPT AS REQUIRED BY APPLICABLE LAWS, NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE MADE IN RELATION TO THE ACCURACY, RELIABILITY OR CONTENTS OF THIS MANUAL.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL HUAWEI BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES, OR LOSS OF PROFITS, BUSINESS, REVENUE, DATA, GOODWILL SAVINGS OR ANTICIPATED SAVINGS REGARDLESS OF WHETHER SUCH LOSSES ARE FORSEEABLE OR NOT.

THE MAXIMUM LIABILITY (THIS LIMITATION SHALL NOT APPLY TO LIABILITY FOR PERSONAL INJURY TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH A LIMITATION) OF HUAWEI ARISING FROM THE USE OF THE PRODUCT DESCRIBED IN THIS MANUAL SHALL BE LIMITED TO THE AMOUNT PAID BY CUSTOMERS FOR THE PURCHASE OF THIS PRODUCT.

Import and Export Regulations

Customers shall comply with all applicable export or import laws and regulations and be responsible to obtain all necessary governmental permits and licenses in order to export, re-export or import the product mentioned in this manual including the software and technical data therein.

Personal Information and Data Security

The use of some functions or third-party applications on your device could result in your personal information and data being lost or becoming accessible to others. Use the following measures to help you protect your personal information:

- Put your device in a safe place to prevent unauthorized use.
- Set your device screen to lock and set a password or unlock pattern.
- Periodically back up personal information stored on your SIM card, memory card, or your device memory. If you change to a different device, be sure to move or delete any personal information on your old device.
- Do not open messages or emails from strangers to prevent your device from becoming infected with a virus.
- When using your device to browse the Internet, do not visit websites that might pose a security risk to avoid your personal information from being stolen.
- If you use services such as the portable Wi-Fi hotspot or Bluetooth, set passwords for these services to prevent unauthorized access. Turn these services off when they are not in use.
- Install device security software and regularly scan for viruses.
- Be sure to obtain third-party applications from a legitimate source. Downloaded third-party applications should be scanned for viruses.
- Install security software or patches released by Huawei or authorized third-party application providers.
- Using unauthorized third-party software to update your device may damage your device or put your personal information at risk. It is recommended that you update through your device's online update feature or download official update packages for your device model from Huawei.
- Some applications require and transmit location information. As a result, a third-party may be able to share your location information.
- Some third-party application providers may collect detection and diagnostic information on your device to improve their products and services.

Obtaining help

Read the Quick Start Guide included with your phone.

Touch **Settings** > **System** > **About phone** > **Legal** to read the legal information.

Visit <http://consumer.huawei.com/en/> for more information.

This guide is for reference only. The actual product, including but not limited to the color, 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.

Note: Remember the Google account your phone last logged in to. During an untrusted factory settings restoration or microSD card-based update, Google's anti-theft mechanism requires you to enter the Google account your phone last logged in to on the startup navigation screen for identity authentication. Your phone can properly power on only after the identity authentication passes.

MRD-LX1N



The N-Mark is a trademark or registered trademark of NFC Forum, Inc. in the United States and in other countries.

Please visit <http://consumer.huawei.com/en/support/hotline> for recent updated hotline and email address in your country or region.

Model: MRD-LX1
MRD-LX1N
MRD-LX3



Qualcomm[®]
aptX[™]



EMUI 9.0_02