HUAWEI P smart+ 2019

User Guide

HUAWEI

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Exciting Features

Featured Usage Tips

Enrol Your Facial Information to Enable Face Unlock

Face unlock allows you to quickly unlock your Phone by holding it up to your face.

- Face unlock is not available if the screen unlock password has not been entered for three or more days in a row, or if your Phone has been remotely locked, or has been restarted.
- When using Face unlock to unlock your Phone, keep your eyes open, face yourself directly towards your Phone, and keep your face at a distance of 20 cm (7.87 in.) to 50 cm (19.69 in.) from your device. In order to scan your face accurately, avoid using this feature when you are in a dark environment or when facing direct light.

1 Open **Settings**. Go to **Security & privacy** > **Face recognition** and enter your lockscreen password.

If you haven't set a lockscreen password, follow the onscreen instructions to do so. Face unlock is only available if the unlock method is set to **Pattern**, **4-digit PIN**, **Custom PIN**, or **Password**.

2 If you have selected **Enable pick up to wake**, your Phone will turn the screen on and recognise your face to unlock the screen automatically after you pick up your Phone and hold it to your face. If you do not wish to use this feature, deselect this option. Touch **Get started** and follow the onscreen instructions to enrol your facial information.

3 Methods to set Face unlock:

- **Direct unlock**: Turn on the screen. Your Phone will recognise your facial features and unlock the screen after they are matched.
- **Swipe to unlock**: Turn on the screen. After your Phone has recognised your facial information, swipe your finger on the lockscreen to unlock your device.
- **Smart lock screen notification display**: If you have enabled **Slide to unlock** and **Smart lock screen notifications**, notification details will not display on the lockscreen until your Phone recognises your facial features.
- **Access app lock**: If you enable **Access App lock**, the face unlock function can be used to access apps and locked apps.

Pick Up to Unlock

Open **Settings**, go to **Security & privacy** > **Face recognition**. When enroling the face 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 enroling the face data, you can set up this feature later: Open **Settings**, go to **Security & privacy** > **Face recognition**, set the Face unlock

method to **Direct unlock**. Then open **Settings**, go to **Smart assistance** > **Motion control** > **Pick up**, and select **Wake device**.

Access Device Functions from Anywhere with Navigation Dock

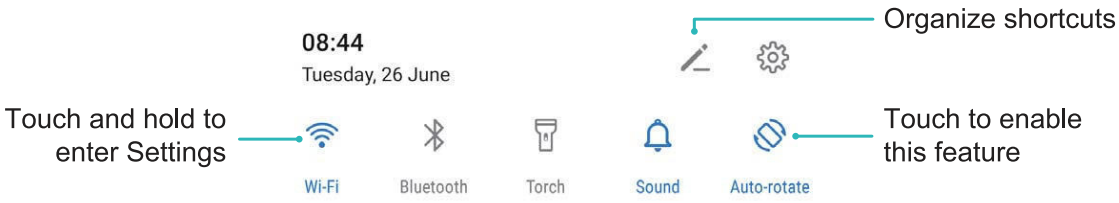
In order to close an app or return to the home screen, you must use the navigation bar at the bottom of your device. You can enable the Navigation dock feature on your device to avoid using navigation buttons and to comfortably operate your device with one hand.

Open **Settings**. Go to **System** > **System navigation** > **Navigation dock** and enable **Navigation dock**. The Navigation dock will appear on the screen. You can then drag it to your preferred location. The Navigation dock can perform the following actions:

- **Back**: Touch the Navigation dock once to go back one step, or touch it twice to go back two steps.
- **Home**: Touch and hold the Navigation dock and then release it to go to the home screen.
- **View background apps**: Touch and hold the Navigation dock and then swipe left or right to view any apps that are running in the background.

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.



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 colour.

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 centre line.

4 Touch when you are finished. The camera will automatically stitch the photos together to create a panorama.

Manage Your Phone

Enable App Lock

App lock allows you to set a password for your important apps. Once you restart your device or unlock the screen, you will be asked to enter your App lock password when opening these apps. App lock adds an extra layer of protection for your private information and prevents unauthorised access to important apps on your device.

Enable App lock: Open **Settings**. Go to **Security & privacy** > **App lock**. When you enable App lock for the first time, set the password and password protection question then enter App lock. 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 your password. If you forget your password, touch **Forgot password**, enter the answer to the password protection question, and reset your password. If you have not set up password protection, the **Forgot password** option is not available.

If you have set up a fingerprint and facial recognition to unlock your device and are opening App lock for the first time, follow the onscreen instructions to link your fingerprint and face with App lock for easier app unlocking.

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

If you enter the wrong password five times in a row while logging in to App lock, your device will remain locked for one minute. Try again after one minute. If you enter the wrong password another three times in a row, you will need to wait 10 minutes to try unlocking again.

Set Your Home Screen Wallpaper

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

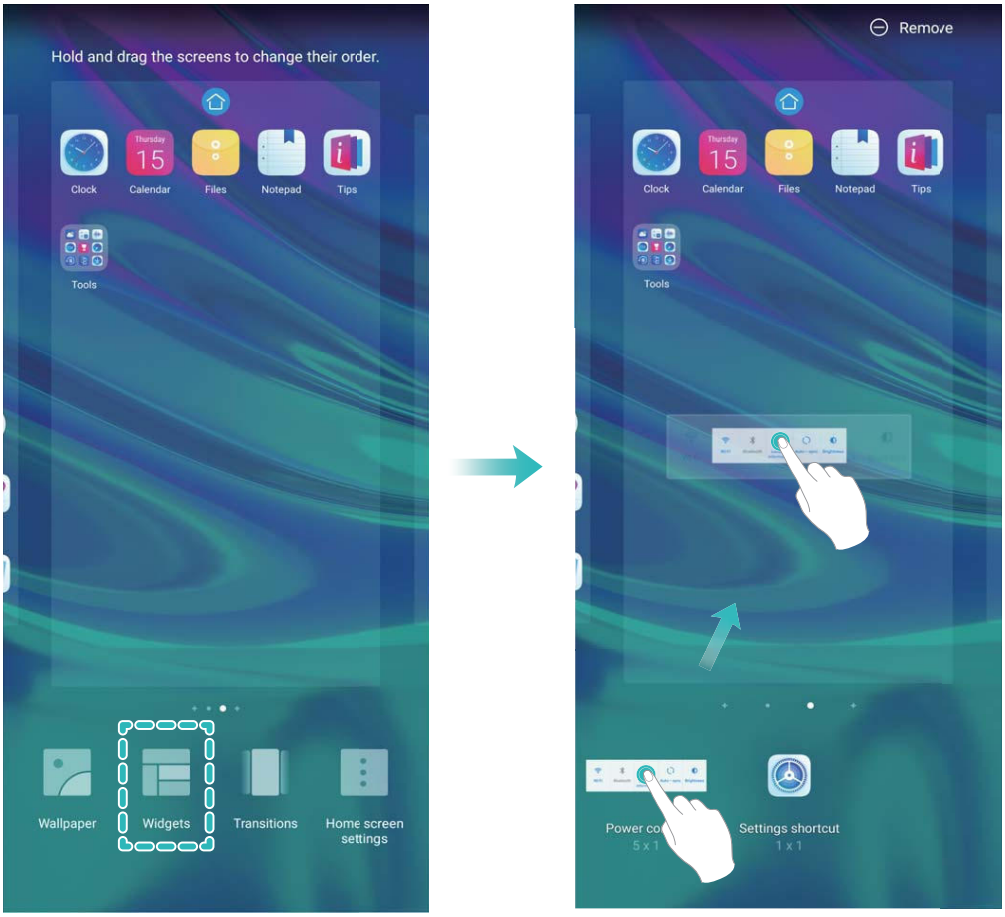
Open **Settings**, and then go to **Home screen & wallpaper** > **Wallpaper**. You can:

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 manage widgets on your home screen? You can add, move or delete home screen widgets to tidy up your home screen and make it easier to use.



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.

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**.

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

Your device reads aloud content on the screen that you touch, select, or activate, helping you interact with your device when you can't read content on your screen clearly.

1. Open **Settings** and go to **Smart assistance** > **Accessibility** > **TalkBack** > to enter 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 to enter the TalkBack settings screen, and launch the tutorial.
3. Touch and enable **Explore by touch**. Your device will read aloud content that you touch.

You may have enabled TalkBack by accident. To disable TalkBack, press and hold the Power button until your device vibrates, then touch the screen with two fingers for at least three seconds.

Enable Memory Cleanup

Your device may slow down over time as your storage space gets smaller. Use Memory cleanup to free up storage space, improve system performance, and keep your device running smoothly.

Open **Phone Manager**, then touch **Cleanup** to clean up memory and clear the cache to optimise performance with one touch. If your storage space is still low, 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 network provider 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.

Enrol Your Facial Information to Enable Face Unlock

Face unlock allows you to quickly unlock your Phone by holding it up to your face.

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1 Open **Settings**. Go to **Security & privacy** > **Face recognition** and enter your lockscreen password.

If you haven't set a lockscreen password, follow the onscreen instructions to do so. Face unlock is only available if the unlock method is set to **Pattern**, **4-digit PIN**, **Custom PIN**, or **Password**.

2 If you have selected **Enable pick up to wake**, your Phone will turn the screen on and recognise your face to unlock the screen automatically after you pick up your Phone and hold it to your face. If you do not wish to use this feature, deselect this option. Touch **Get started** and follow the onscreen instructions to enrol your facial information.

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- **Smart lock screen notification display**: If you have enabled **Slide to unlock** and **Smart lock screen notifications**, notification details will not display on the lockscreen until your Phone recognises your facial features.
- **Access app lock**: If you enable **Access App lock**, the face unlock function can be used to access apps and locked apps.

Pick Up to Unlock

Open **Settings**, go to **Security & privacy** > **Face recognition**. When enroling the face 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 enroling the face data, you can set up this feature later: Open **Settings**, go to **Security & privacy** > **Face recognition**, set the Face unlock method to **Direct unlock**. Then open **Settings**, go to **Smart assistance** > **Motion control** > **Pick up**, and select **Wake device**.

Enrol a Fingerprint

You can enrol 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 recognised.
- 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 enrol 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.

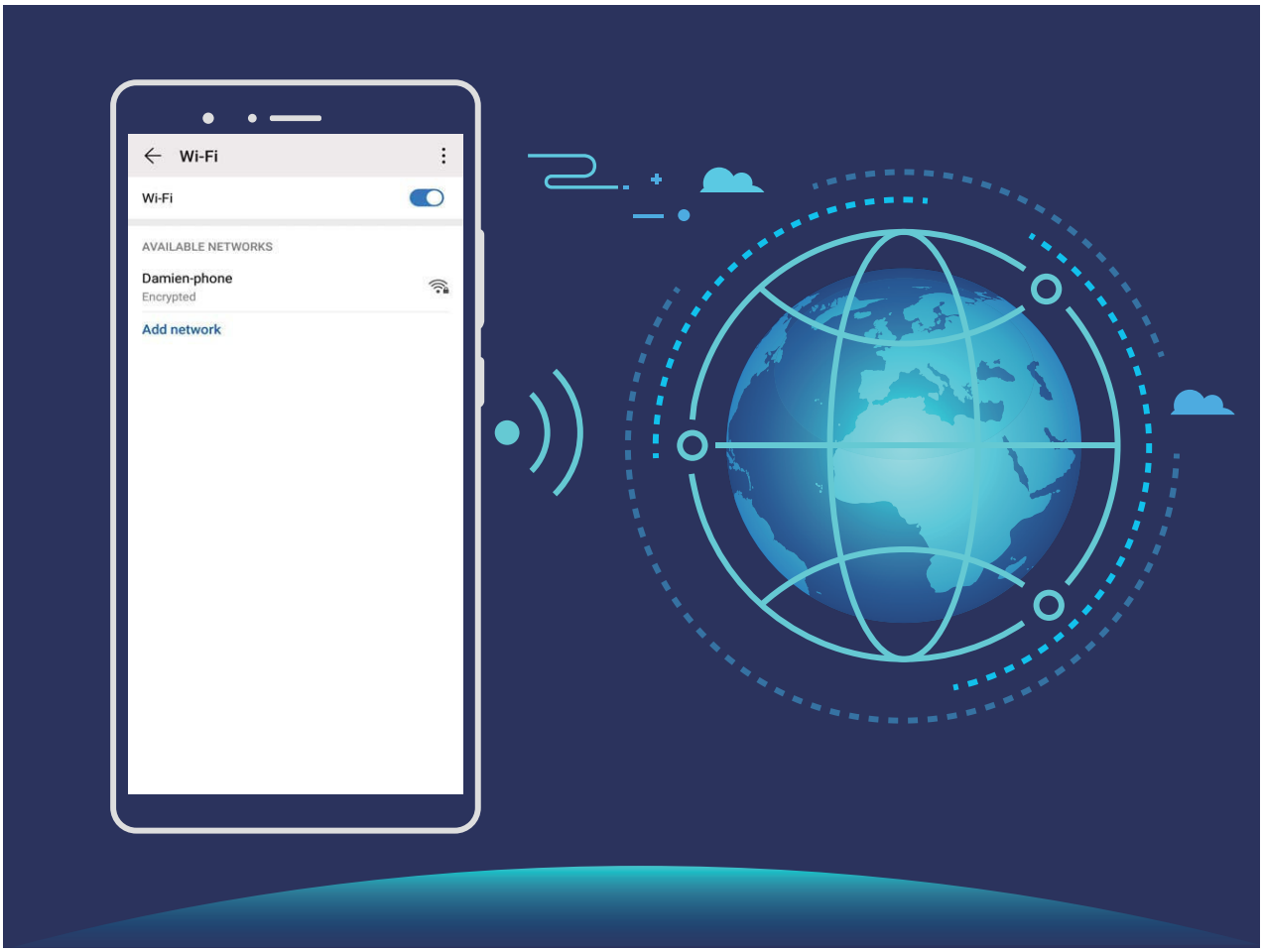
5 After enrolment is complete, touch **OK**.

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

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 unauthorised 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

Smart Recognition

Scan Products

When you encounter an unknown item, you want to buy but can't find it. After scanning goods, you can get the purchase recommendations of similar items, which is convenient for you to buy favourite things.

This feature requires an Internet connection. Connect to a Wi-Fi network to avoid unnecessary data charges.

1 Once your device is unlocked, swipe down from the centre of the home screen, and touch to open **HiVision**.

2 On the **HiVision** screen, touch to align your device with the item you want to purchase. The system will automatically scan and recommend similar items.

Scan to Instantly Recognise Objects

Find more information about key landmarks during a journey or favourite paintings in an exhibition. Scan any picture using HiVision to find out more.

HiVision provides you with relevant information to enhance your experiences. Instructions:

1 Once your device is unlocked, swipe down from the middle part of the home screen to display the global search box, then touch to enable **HiVision**.

2 On the **HiVision** screen, touch , and frame the arts in the viewfinder. HiVision will automatically identify the arts and display detailed information cards for that arts.

Scan to Translate Effortlessly

HiVision can help you quickly translate foreign text.

- This feature requires an Internet connection. Connect to a Wi-Fi network to avoid unnecessary data charges.
- This translation feature currently supports Chinese, English, Japanese, Korean, French, Russian, Spanish, Italian, German, and Portuguese.

1 Once your device is unlocked, swipe down from the centre of the home screen and touch to open **HiVision**.

2 On the **HiVision** screen, touch , select the source and target languages, frame the text in the viewfinder, and wait for it to be translated.

Read QR Codes and Barcodes

Want to quickly read QR code and barcode information? You can use HiVision to quickly read QR codes or barcodes, and get purchase information, add contacts, and more based on the results.

This feature requires an Internet connection. Connect to a Wi-Fi network to avoid unnecessary data charges.

Scan QR codes or barcodes: Once your device is unlocked, swipe down on the home screen, and touch to open HiVision. On the HiVision screen, touch and place the QR code or barcode within the scan frame to acquire information. From the results screen, you can:

- Touch to copy the information to the clipboard.
- If the QR code contains contact information, touch to add the information to your **Contacts**.

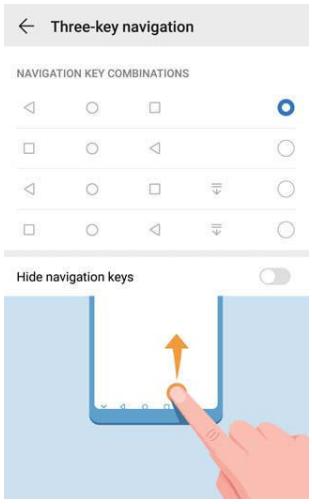
Home Screen

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.

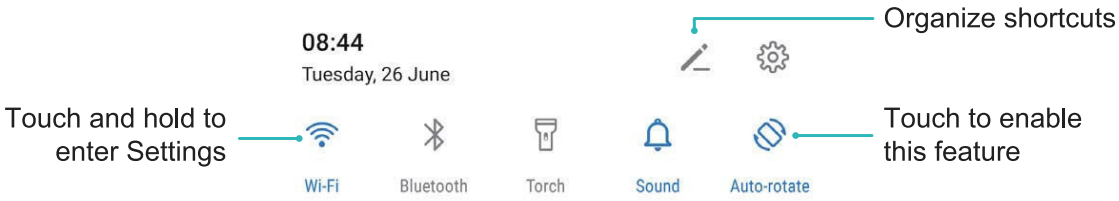
Touch . You can view, switch to, close, or lock recently used background apps:

- **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.

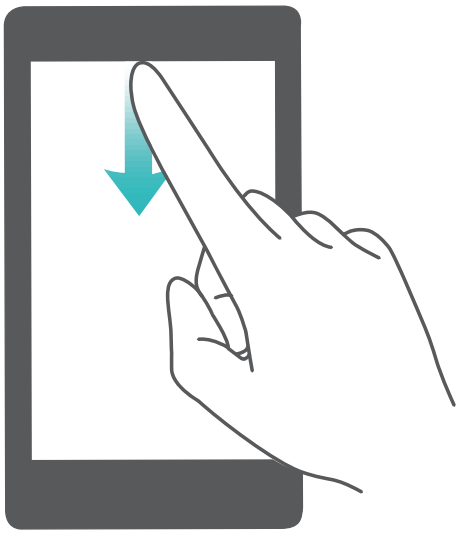


Notification Panel and Status Bar

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** > **Notifications & status bar** > **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:

- **Prevent all apps from pushing notifications**: Touch **Batch management**, and then turn off **All**.

Customise Notifications

Not a fan of the default notification reminders? You can customise your notification reminders so that you get your notifications the way you want them.

Open **Settings**, then go to **Notifications** > **More notification settings**. From here you can:

- **Enable Notifications turn on screen**: Enable **Notifications turn on screen**. When your Phone screen is off, it will turn on when a notification is received.
- **Set notification method**: Touch **Notification method**. Depending on your preferences, you can select **Icons**, **Numbers**, or **None**.

Notification and Status Icons and Descriptions

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

Status icons: By glancing at the status icons, you can quickly learn the status of your device, such as its 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+ network connected		3G network connected
	4G network connected		HSPA network connected
	2G network connected		LTE network connected
	LTE+ network connected		NFC enabled
	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 available		Charging
	Vibration mode enabled		Battery level low
	Alarms enabled		No SIM card detected
	Battery fully charged		Headset plugged in
	Power saving mode enabled		Performance mode enabled
	Wired or wireless projection in use		Super charging
	Quick charging		Eye comfort mode enabled
	Do not disturb mode enabled		USB cable connected
	Data saving mode enabled		Bluetooth power
	Hotspot enabled		**Phone Manager** reminder
	Unstable signal		Can't connect a call on current network
	Select-to-speak enabled		**Screen time management** enabled

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

	Missed calls		New emails
	Downloading data		New voicemails
	Events reminder		Uploading data
	Synchronising data		Memory full
	Sign-in or synchronisation problem		Synchronisation failed
	VPN connected		More notifications

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 unauthorised 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.

- **Unlock your device using a fingerprint**: If your device supports fingerprint unlock, this is the recommended unlock method. Using a fingerprint is a secure and quick way to unlock the device. After setting a lock screen password, touch **Add** in the dialog box that pops up and follow the onscreen prompts to enrol your fingerprints.
- **For security reasons, please do not disable the lock screen password:** A lock screen password prevents unauthorised access to your device. For the security of your device, do not select **Disable lock screen password** as the screen lock method.
- **Regular password prompts help you to remember your password:** If you have not entered your screen lock password for 3 days, the system will require that you enter the password to unlock your device.

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.

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.

Home Screen Management

Manage Home Screen Icons

Move and delete app icons from the home screen, or rearrange them in folders so that your home screen is organised the way you like it.

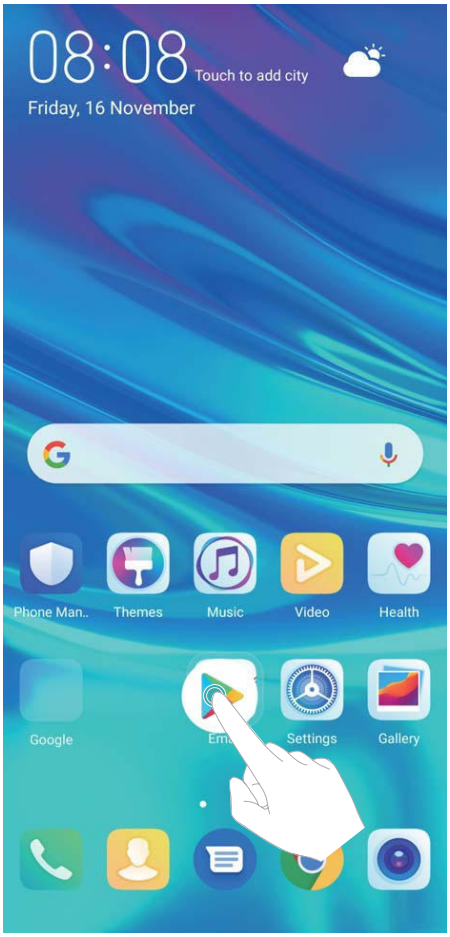
Move an app icon or folder: On the home screen, touch and hold an app or folder icon until your device vibrates, then drag it to any position on the home screen.

Delete an app icon: On the home screen, touch and hold the icon of the app you want to uninstall until your device vibrates, then touch **Uninstall** to delete the app.

To ensure that the system runs normally, some pre-installed system apps cannot be uninstalled.

Lock the home screen layout: Open **Settings**, go to **Home screen & wallpaper** > **Home screen settings**, and enable **Lock layout**.

Create a folder: On the home screen, touch and hold an app icon until your device vibrates, then drag it on top of another app icon. The two icons will 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 and all app icons in the folder will be moved to your home screen.

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

Add or remove app icons from a folder: Open the folder and touch +. Select the apps you wish to add to the folder, deselect those you wish to remove, and then touch **OK**.

Another way to remove an app icon from a folder is to touch and hold the icon in the folder until your device vibrates, then drag it to an empty space on 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 customise 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 × to delete the page.

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 personalise your home screen.

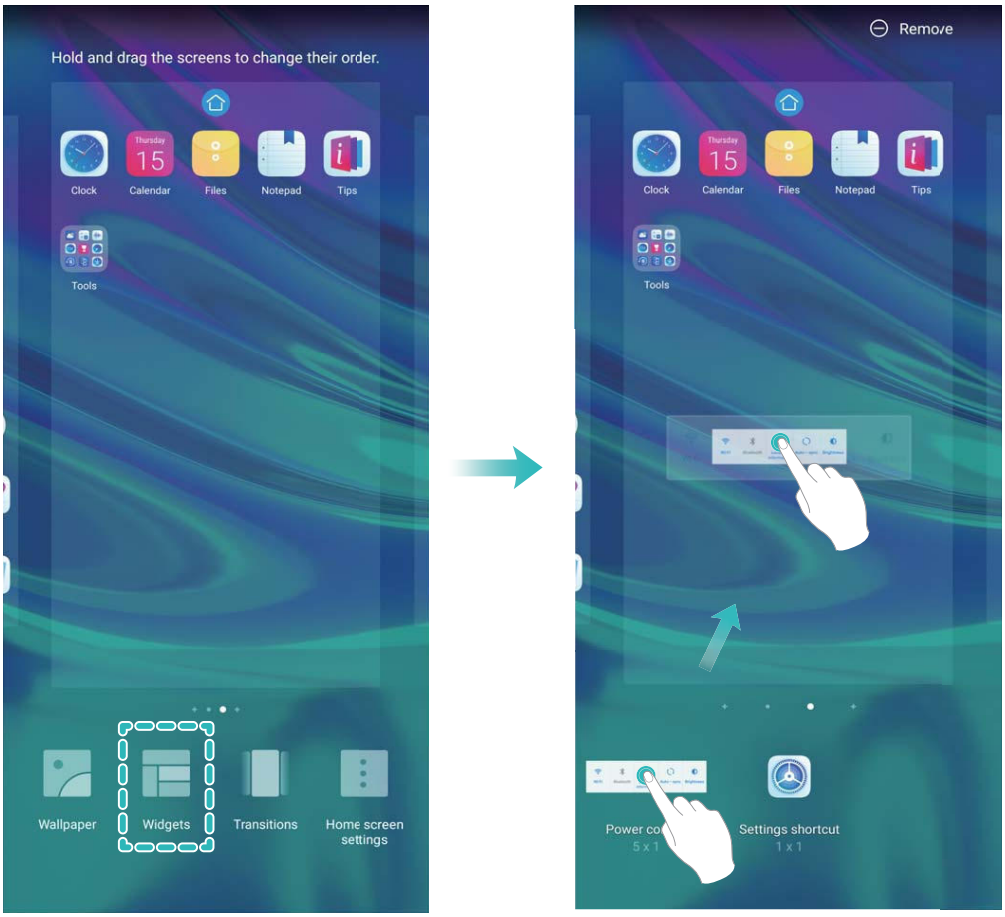
Open **Settings**, and then go to **Home screen & wallpaper** > **Wallpaper**. You can:

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 manage widgets on your home screen? You can add, move or delete home screen widgets to tidy up your home screen and make it easier to use.



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.

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**.

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** > **Organise contacts**, and then touch **Rebuild index data** > **OK**.

Managing Contacts

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** > **Organise 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 on your device or SIM card.

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

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 Contact Groups

Want to send a message to a group of colleagues or host a get-together? Smart groups automatically groups your contacts by company, city, and most recent contact time, so you can quickly send a group email or message.

Create a contact group: From the groups list, touch , enter the group name (such as Family or Friends), and then touch **OK**. Follow the onscreen instructions to add contacts, and then touch .

Send a message to smart group contacts: From the groups list, from the **Groups** section, open a group and touch to send a message or to send an email.

Edit a group: From the groups list, select the group you want to edit and touch to add a contact, or touch to **Remove members**, **Group ringtone**, **Delete group** or **Rename**.

Delete a group: From the groups list, touch and hold a group, and then touch **Delete**.

Add Contacts to the Blocklist or Trustlist

Add contacts to the blocklist to avoid receiving nuisance or spam calls. Add contacts to the trustlist to receive calls only from numbers on this list.

To add a contact to the blocklist, open **Contacts**, touch the contact, then go to > **Block contact**. All calls and messages from this contact will be blocked.

You can also add contacts to the blocklist in **Phone Manager**. Go to **Blocked** > > **Blacklist**, touch , and add the contacts you want to block.

To add contacts to the trustlist, open **Phone Manager**, go to **Blocked** > > **Whitelist**, touch , and add the desired contacts.

When **Block all incoming calls** is enabled, all calls, including those from the trustlist, will be blocked.

View contacts in the blocklist: Open **Phone Manager**, and go to **Blocked** > > **Blacklist**.

View contacts in the trustlist: Open **Phone Manager**, and go to **Blocked** > > **Whitelist**.

Remove a contact from the blocklist: Open **Contacts**, touch the contact you want to remove from the blocklist, then go to > **Remove from blocklist**.

You can also remove a contact from the blocklist in **Phone Manager**. Go to **Blocked** > > **Blacklist**, then touch and hold the desired contact to remove it.

Remove a contact from the trustlist: Open **Phone Manager**, go to **Blocked** > > **Whitelist**, then touch and hold the desired contact to remove it.

Dialling

Basic Calling Functions

Make Calls

On the dialler screen of your device, enter part of the phone number, the first letter of the contact's name, or the contact's initials to find a contact.

Open **Dialler**. From the dialler screen, enter the phone number, the first letter of the contact's name, or the contact's initials (for example, enter "jl" for John Lucas) to find a contact. Touch the contact you want to call from the list. If you are using a dual-SIM device, touch or to make the call. Touch to hang up.

You will be prompted to paste recently copied phone numbers when you enter the dialler screen.

Press the Power button to hang up: If a number has been dialled accidentally and the call screen is hidden, you can still hang up quickly. The **Power button ends call** feature hangs up the call when the Power button is pressed. On the **Dialler** screen, go to > **Settings** > **More**, and enable **Power button ends call**.

Make Emergency Calls

In an emergency situation, if your device is powered on and in service, emergency calls can be made even if the screen is locked or there is no reception.

The emergency call feature is subject to local regulations and your Internet service provider. Network or environmental factors may affect emergency call performance. In emergency situations, do not rely on your device as your only method of communication.

Open **Dialler** or touch **Emergency** on the lock screen, enter a local emergency number, and touch . Strong mobile reception and an Internet connection with location services enabled will allow your location to be displayed on your device for reference.

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 **Dialler**, 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 **Dialler** 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 device is roaming without having to dial the country code.

1 Contact your network provider to activate the international call or roaming service.

2 Open **Dialler** or **Contacts**, and make a call.

VoLTE

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.

Enable VoLTE to Enjoy HD Calls

- Some carriers may not support this feature.
- Only dual-SIM phones support both SIM card slots enabling 4G, VoLTE, and VoWiFi.

Open **Settings**, and go to **Wireless & networks** > **Mobile network**. In the settings section for SIM 1 or 2 (if supported by your network provider), you can:

- **Enable 4G**: Turn on **4G**. Due to carrier customisation, there may not be a 4G switch on your device. This indicates 4G is already enabled and does not need to be turned on manually.
- **Enable VoLTE calling**: Turn on **VoLTE calls**.
- **Enable Wi-Fi calling**: Turn on **Wi-Fi calling**.

After the setting is complete, select the contact you want to call and touch to make a video call.

You can also touch on the screen during a voice call to switch to a video call.

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 Phone network reception.

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

Open **Dialler**, 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

Send Messages

Text messages give you a quick and easy way to communicate with friends, family and colleagues. In addition to text, you can also add emojis or insert pictures and audio files to enrich your messages.

Send a message: Open **Messages**. From the Messaging list screen, touch and select contacts or groups. Enter your message content, touch to add other types of content, and touch to send the message.

Save a draft message: Touch **Back key** to save a message as a draft.

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 the Basic Camera Features

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

Basic photo mode: Open **Camera**. In the viewfinder, touch to take a photo. You can also set the volume down button as a shutter button for your camera.

Select a camera mode: Open **Camera** to choose a camera mode according to your needs.

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.

Enable geolocation: Your geographic location will be recorded when you take a picture to allow you to search through your pictures by location. From the viewfinder, touch to enter the settings menu and enable **Location tag**.

Adjust Camera Settings

On the Camera setting screen, you can adjust a variety of camera settings, modes, and specifications to suit your needs.

Open **Camera** and touch to access the **Settings** screen. From here you can:

Capture smiles automatically: From **Settings**, enable **Capture smiles**. The camera will now take a picture automatically when it detects a smile in the viewfinder.

Mute photography: From the **Settings** screen, enable **Mute**.

Adjust the camera resolution: Touch **Resolution** and select the desired resolution.

This feature is not available in some modes.

Use an Assistive Grid to Compose Your Photos

Avoid skewed and off-centre photos. Use your camera's assistive grid feature to help you line up the perfect shot.

Go to **Camera** > to enter the **Settings** screen. 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 intersecting points on the grid are the focus areas of the picture. Place the subject of your photo on one of the intersecting points to achieve a good composition.



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

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 colour.

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 centre 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 personalised scenic photos.

Open **Camera** > **More** > **Pro**.

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
Matrix	Broad landscapes and seas
Centre	The subject is in the centre 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 centre.

  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 centre.

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

- When shooting under sunlight, you can select . In a weak light environment, you can select .
- Touch to adjust the colour temperature. If you want to give your photo a cosy, 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 centre.

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: On the Pro mode screen, touch and enable **Horizontal level**. After this feature is enabled, two assistive lines will appear in the viewfinder. When the dotted line overlaps with the solid line, it indicates that the camera is parallel to the horizontal level.

- 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 Capture Portraits

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

Open **Camera** > **More** > **Pro**.

Select a Metering mode: or mode is recommended for taking portraits. Place your shooting subjects (their faces for example) in the centre of the viewfinder.

Adjust brightness based on the shooting environment

- **Adjust ISO**: To avoid excessive noises, it is recommended that you adjust the ISO to a low level when shooting portraits. You may adjust the ISO based on the actual shooting environments.

Shooting Environment	Recommended ISO
Outdoors	**Between 100 and 200**
Indoors	**Around 400**
Night scenes	**Between 400 and 800**

- **Adjust shutter speed**: The shutter speed should be slow if the ambient light is low and fast when the ambient light is strong. The recommended shutter speed for static portraits is between 1/80 and 1/125. To shoot moving subjects, select a shutter speed at or above 1/125.
- **Adjust EV compensation**: You may increase the EV compensation if the light on the subjects or background is low, and decrease the EV compensation if there is too much light.

Adjust AWB: Select AWB depending on the lighting conditions. When shooting under sunlight, you can select . In a low light environment, you can select .

Adjust Focus: To better highlight a subject, it is recommended that you use manual focus (MF) when shooting portraits. In the viewfinder, touch to focus on the part (the subject's face for example) you want to highlight.

- In Pro mode, some settings 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 usage conditions to achieve your desired effect.

Light Painting Mode

Light Painting: Shoot Light Trails

Light painting mode automatically sets a slow shutter speed to take long-exposure shots of light trails. This mode produces stunning photos that have an ethereal quality.

Light painting mode offers four creative shooting modes for different subjects and light conditions:

- **Traffic trails**: Captures light trails created by cars at night.
- **Light graffiti**: Captures trails created by a moving light source in low-light conditions.
- **Silky water**: Captures silky-smooth photos of waterfalls and flowing water.
- **Star trails**: Captures stunning photos of star trails in the night sky.



Use Tail Light Trails to Capture the Lights of the City

Tail light trails lets you create artistic photos of car tail lights at night.

- Shoot from a distance and slightly above your subject for best results. Ensure that car headlights do not point directly at the camera, as this can overexpose the image.
- Place your device on a tripod or solid surface so that it does not move during the exposure.

Open **Camera** > **More** > **Light painting** > **Traffic trails**. Hold your Phone steady, and then touch to start shooting. A preview of the image is displayed in the viewfinder. Touch when you are finished.

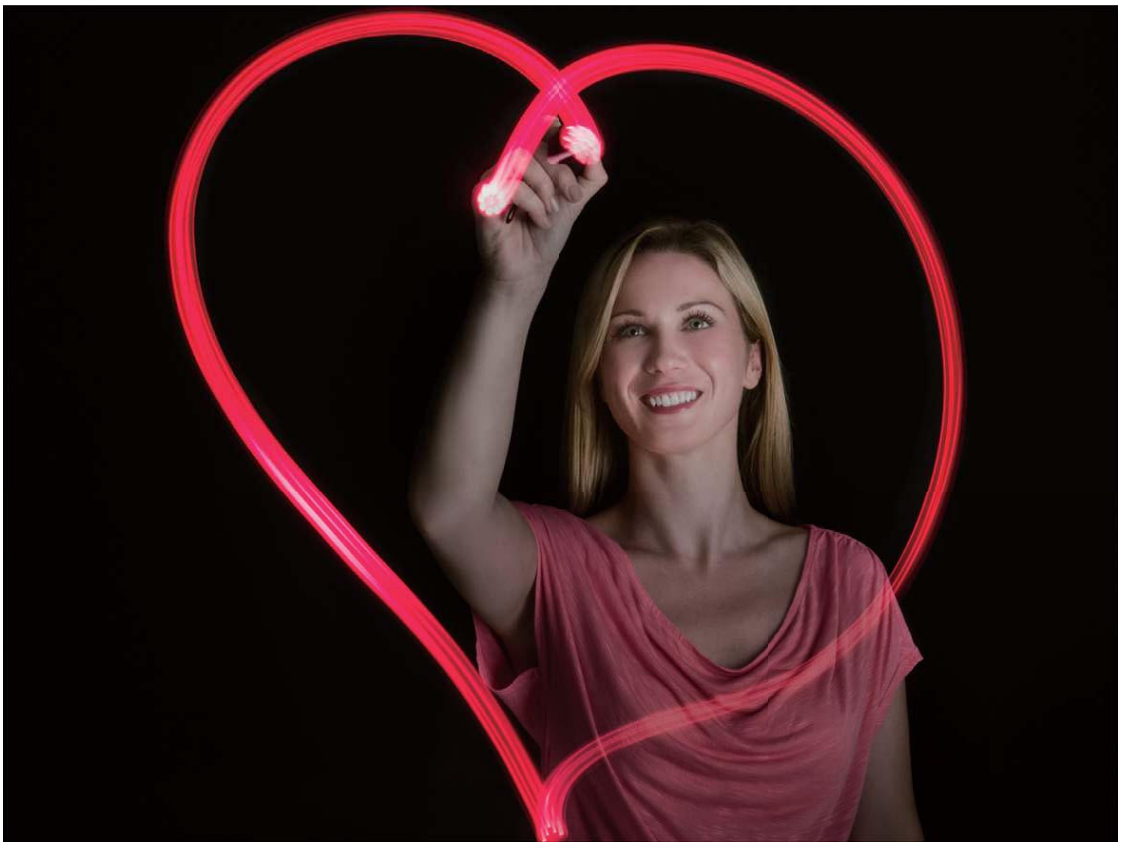


Use Light Graffiti to Create Light Patterns

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

- Find a dark location away from other light sources and ensure that the subject's silhouette is not visible. Choose a suitably bright light source of an appropriate colour, such as a small torch or glow stick.
- Place your device on a tripod or solid surface so that it does not move during the exposure.

Open **Camera** > **More** > **Light painting** > **Light graffiti**. Hold your Phone steady, and then touch to start shooting. A preview of the image is displayed in the viewfinder. Touch when you are finished.

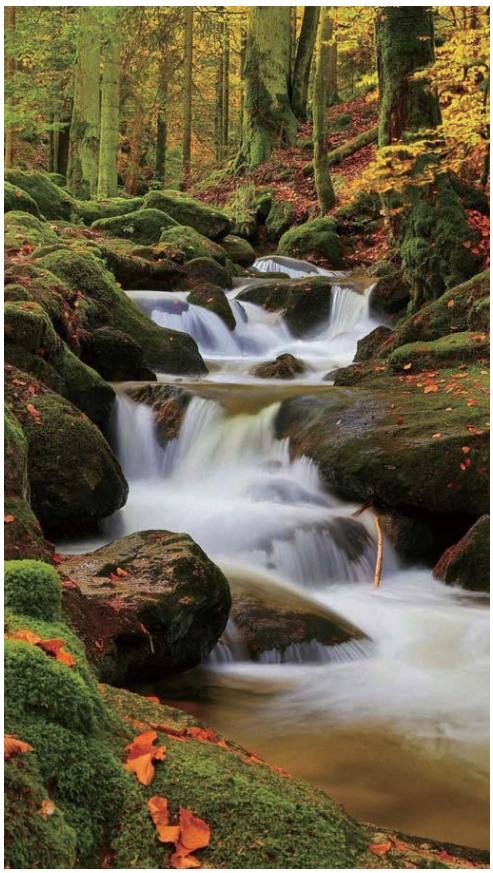


Capture Rivers and Waterfalls with Silky Water

The Silky water feature lets you capture silky smooth photos of waterfalls and rivers.

- This feature works best with a stream or waterfall with lots of water.
- Place your device on a tripod or solid surface so that it does not move during the exposure.

Go to **Camera** > **More** > **Light painting** > **Silky water**. Hold your device steady, then touch to start shooting. A preview of the image will be displayed in the viewfinder. Touch when you are finished.



Use Star Track to Capture the Beauty of Stars

Star track allows you to capture the movement of stars in the night sky.

- For best results, choose a clear night in a location free of light pollution with an unobstructed view of the sky.
- Place your device on a tripod or solid surface so that it does not move during the exposure.

Go to **Camera** > **More** > **Light painting** > **Star trails**. Hold your device steady, then touch to start shooting. A preview of the image will be displayed in the viewfinder. Touch when you are finished.



More Capture Modes

Use Time-Lapse to Create a Short Video

Use Time-lapse mode to capture images over a long period of time and condense them into a short video. Capture and watch nature in its entirety: blooming flowers, drifting clouds, or even star trails against the night sky.

- Recording a time-lapse video continuously for long period of time may consume battery power and use up storage space.
- Place your device on a tripod or flat surface to keep it steady while recording.
- Before you start, ensure that the scene is well lit and the camera is in focus. Position the camera carefully to fit relevant background objects as much as possible.

1 Go to **Camera** > **More** > **Time-lapse**, and touch to start recording a time-lapse video.

2 Touch to finish recording.

3 You can then go to **Gallery** to play your time-lapse video.

For best and optimal result, the recording and playback speeds are automatically adjusted by the system.

Take Moving Pictures

Make your photos more dynamic and fun by taking moving pictures to prolong life's wonderful moments.

With moving pictures, you can record a scene approximately one second before and after pressing the shutter button. When browsing photos in Gallery, view the static picture taken or play a dynamic moving picture effect and sound.

Take moving pictures: Open **Camera**, touch on the top of your screen, then touch to take a moving picture.

View moving pictures: Moving pictures will be saved to **Gallery** in JPG format. Go to **Gallery** > **Albums** > **Camera**, touch pictures with the icon, and touch on the top of the picture to view a dynamic effect. The moving picture automatically stops after a complete playback. You can also touch the screen to stop the playback.

Share moving pictures: Go to **Gallery** > **Albums** > **Camera**, touch the moving picture you want to share, then touch to select a sharing method.

Moving pictures can be shared directly through Wi-Fi, Bluetooth, Huawei Share, and more. The receiving device must be a Huawei device that supports the capture of moving pictures in order to play the moving picture effect. When you share moving pictures to third-party apps or incompatible devices, moving pictures will be displayed as static images.

Gallery

Photo Management

Edit Photos

Crop, rotate, and apply a variety of effects (such as graffiti, custom watermarks, and filters) to your photos in Gallery.

Open **Gallery**, select the photo you want to edit, then touch . Edit the photo in the following ways:

- **Rotate**: Touch and drag the angle wheel to the desired orientation. You can also touch **Rotate** to rotate your photo 90 degrees or touch **Mirror** to flip it.
- **Crop**: Touch and drag the grid or its corners to make your selection. You can also select a fixed ratio and drag the corners of the grid to crop the photo.
- **Add filter effects**: Touch to select a filter.
- **Colour splash**: Touch to select the colours you want to highlight. Other parts of the photo will be black and white.
- **Blur**: Touch , select a blur mode, and drag the slider to adjust the blurriness.
- **Adjust photo effects**: Touch to adjust the brightness, contrast, saturation, and other qualities of a photo.
- **Beautify a portrait**: **Beauty** is provided for portraits. Touch to apply features such as **Smooth**, **Blemishes**, **Thin face**, and **Enhance eyes** to make a portrait more attractive.
- **Pixelate**: Touch to select a mosaic style and size to censor parts of a photo.
- **Graffiti**: Touch to select a brush and colour to add graffiti.
- **Add watermarks**: Touch to select a watermark (such as **Time**, **Location**, **Weather**, or **Mood**).
- **Add a text element**: Touch to select an element style and font format.

Browse and Share Photos or Videos

All photos and videos are stored in Gallery and can be viewed by time, location, or album.

View photos in full screen: Open **Gallery** and touch a photo to view it in full screen mode. Touch the screen again to hide the menu. In full screen mode, you can:

- **View basic information about a photo or video**: Swipe up on a photo or video to view basic information.

- **Zoom in and out**: Spread or pinch together two fingers on the screen to zoom in and out. If a photo has a higher resolution than that of the screen, you can zoom in using two fingers. Once you take your fingers off the screen, the photo can only be enlarged up to twice its original size.
- **View shooting settings**: Touch ⓘ and scroll down to view details about the photo in the pop-up box, including ISO (sensitivity), EV (exposure compensation), and resolution.
- **Rename the photo**: Touch ⋮ > **Rename** to enter a new name.
- **Set the photo as a home screen wallpaper or contact picture**: Go to ⋮ > **Set as**, then select **Wallpaper** or **Contact photo**.

Share a photo or video: Open **Gallery**. On the **Photos** tab, touch and hold any item to access the selection screen. Select the items you want to share, touch , then select a sharing method, and follow the steps to complete the process.

View by shooting time: On the **Photos** tab, photos and videos are displayed by when they were taken. To allow timestamps to be displayed when you browse photos in full screen mode, go to ⋮ > **Settings** and enable **Show time and location**. To switch between daily and monthly views, separate or pinch together two fingers on the screen.

View by shooting location: Photos or videos taken while **Location tag** is enabled (in **Camera** settings) can be viewed in Map view. On the **Photos** tab, touch . Photos or videos containing location information will be marked on the map. Separate two fingers on the screen to zoom in on the map and view details about the shooting location. Touch a photo thumbnail to view all the photos and videos taken at that location.

View by album: You can view photos and videos by album. Some photos and videos are stored in default albums. For example, videos recorded with the camera are saved in the **Videos** album. Screenshots and screen recordings are saved in the **Screenshots** album.

Play slideshows: On the **Photos** tab, go to ⋮ > **Slideshow** to play slideshows. Touch the screen to pause the playback.

Organise Albums

Add an album: From the **Albums** tab, touch **Add album**, name the album, then touch **OK**. Select the photos or videos you want to add.

Move photos and videos: Move photos and videos from various albums into the same one for easy management and browsing. Touch and hold a photo or video you want to move until is displayed, then select all the photos and videos that you want to move. Touch to select the desired album. Once the items are moved, they will no longer be in their original albums.

Add photos and videos to favourites: Add photos and videos to favourites for easier viewing. Open the photo or video that you want to add to the **My favourites** album, then touch .

Favourited photos and videos will remain in their original albums and have a icon on their thumbnails.

Hide albums: Hide albums that you don't want others to see to ensure personal privacy. On the **Albums** tab, go to > **Hide albums** and toggle the switches on for albums that you want to hide.

Camera, **Videos**, **My favourites** and **Screenshots** albums cannot be hidden.

Delete photos and videos: Touch and hold a photo or album until the icon appears. Select the items you want to delete, then go to > **Delete**. Deleted photos and videos will remain for a time in the **Recently deleted** album before being permanently deleted. Days remaining before deletion are marked on the photos. To permanently delete a photo or video manually, touch and hold its thumbnail, then go to > **Delete**.

Recover deleted photos and videos: In the **Recently deleted** album, touch and hold a photo or video until the icon appears. Select the items you want to recover and touch to restore them to their original albums. If the original album has been deleted, a new one will be created.

Phone Manager

Use Optimise

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

Open **Phone Manager**, and touch **OPTIMISE**. Your device will automatically optimise its overall performance, security, battery performance, and device management. You can also customise the optimisation options. The system will recommend that you use Optimise. This will help you increase running speed, check for security risks, optimise 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 ranking of apps.
- **Network access**: Manage Internet access permissions for each app.
- **Smart data saver**: Enable the data saver and select the apps that are allowed to use mobile data while running in the background.

Enable Smart Power-Saving Management to Optimise Power Consumption

Running out of battery usually means trouble. Smart power-saving management helps you effectively extend the battery life of your device so you don't have to worry about running out of power.

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

- **Comprehensive power consumption analysis and optimisation**: Touch **Optimise battery usage** to check for power consumption problems and automatically perform optimisations.
- **Enable Power saving mode or Ultra power saving mode**: Enable **Power saving mode** or **Ultra power saving mode**. Choose a mode based on your device's battery level to extend battery life.

  Once **Power saving mode** is enabled, the icon will be displayed in your device's status bar depending on the battery level. **Power saving mode** reduces power consumption by limiting background app activity, visual effects and sounds. **Ultra power saving mode** adopts stricter background app control, allowing you to disable all features except Wi-Fi, mobile data, and any other specified ones.

- **View power consumption details**: Touch **Power consumption details**. In the **Power consumption details** section, coloured bars beneath the **Charging** graph indicate that your device was charging. Gaps between the bars mean it was not charging. This feature does not consume power. Touch **Battery usage** to view power-intensive apps and hardware.
- **Enable smart resolution to save power**: Smart resolution is a function that automatically decreases the resolution of your device to save power. Enable **Screen resolution**, and select **Smart resolution**. Your device will automatically adjust the screen resolution based on the running apps to save power. Enabling smart resolution may affect viewing quality. You can also manually set the screen resolution to save power when high resolution is unnecessary.
- **Display remaining battery percentage in the status bar**: Enable **Battery percentage** to display the remaining battery percentage of your device in the status bar.

To learn more about power saving settings, open **Phone Manager** and touch > **More battery settings**. From here you can perform the following:

Enable notifications for power-intensive apps: Touch **Power-intensive app history** to be alerted of these apps so you can disable them as needed.

Once **Performance mode** is enabled, device performance can be enhanced and adjusted to different application scenarios. This improves your gaming experience, but also increases power consumption and may cause your device to heat up.

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 **Other**, 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 accounts screen, touch , and then touch an account name to switch to.
- **Configure email accounts**: On the account 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.

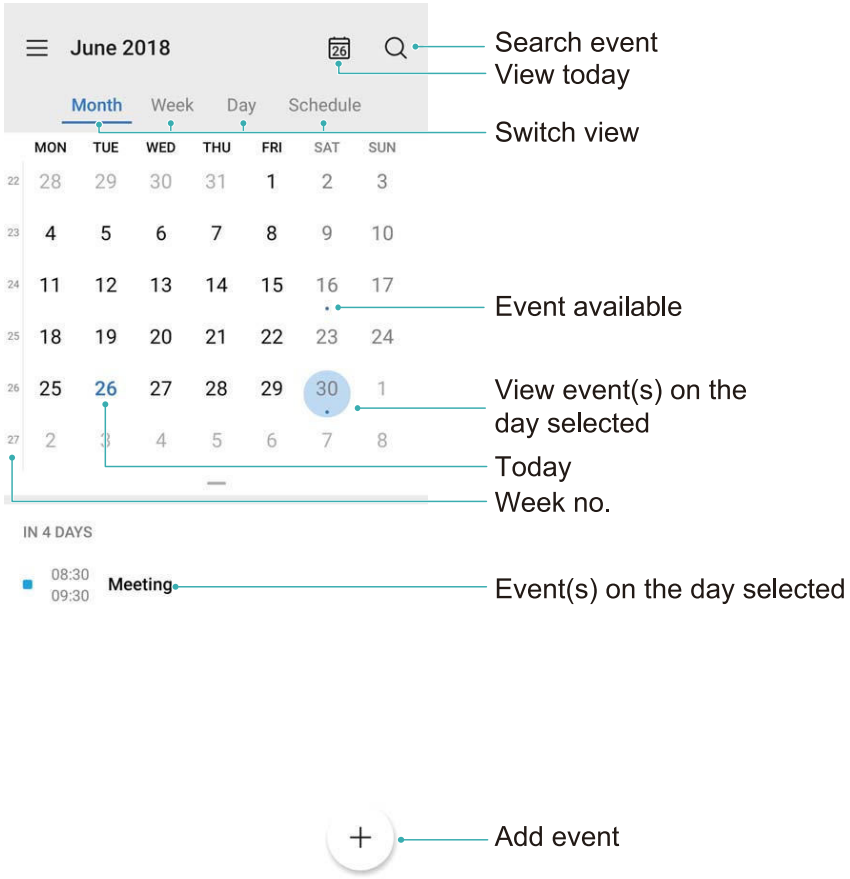
Open **Email**, and go to > **Settings** > **VIP contacts**. From the **VIP list** screen, go to **Add** > **Create** or **Add from contacts**.

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

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 ✓.

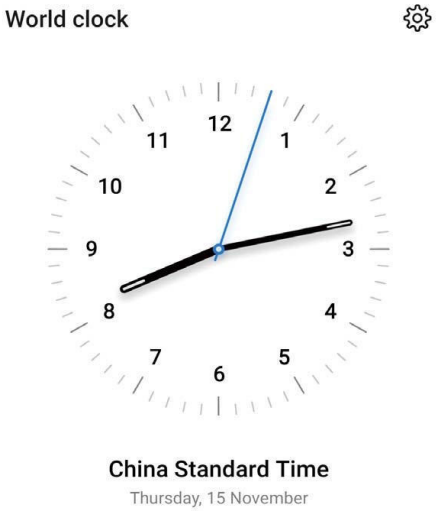
Search events: On the **Calendar** page, touch 🔍 and enter the event keywords, such as title or location.

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

Clock

Use the Clock

With many powerful features and lots of information, the humble Clock has a lot to offer. The Clock can be used as an alarm, a world clock, stopwatch, or a 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 a city from the list of cities. Touch to set the date and time.

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



If the time in your current region is the same as that of your home city, the lock screen will only display one time.

Notepad

Manage Your Notes to Keep Your Records in Order

Want to share important notes or add something to favourites? 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 **All 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 favourites: Want to add a note to favourites so you can refer to it later? On the list page of **All notes**, swipe left on a note and touch . Alternatively, open the note you want to add to favourites and touch .

Search notes: Want to quickly find a note? Touch the search bar on the list page of **All notes** and enter the keywords into the search bar. Alternatively, swipe down on the home screen to access the search bar, and enter the keywords into the search bar.

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.

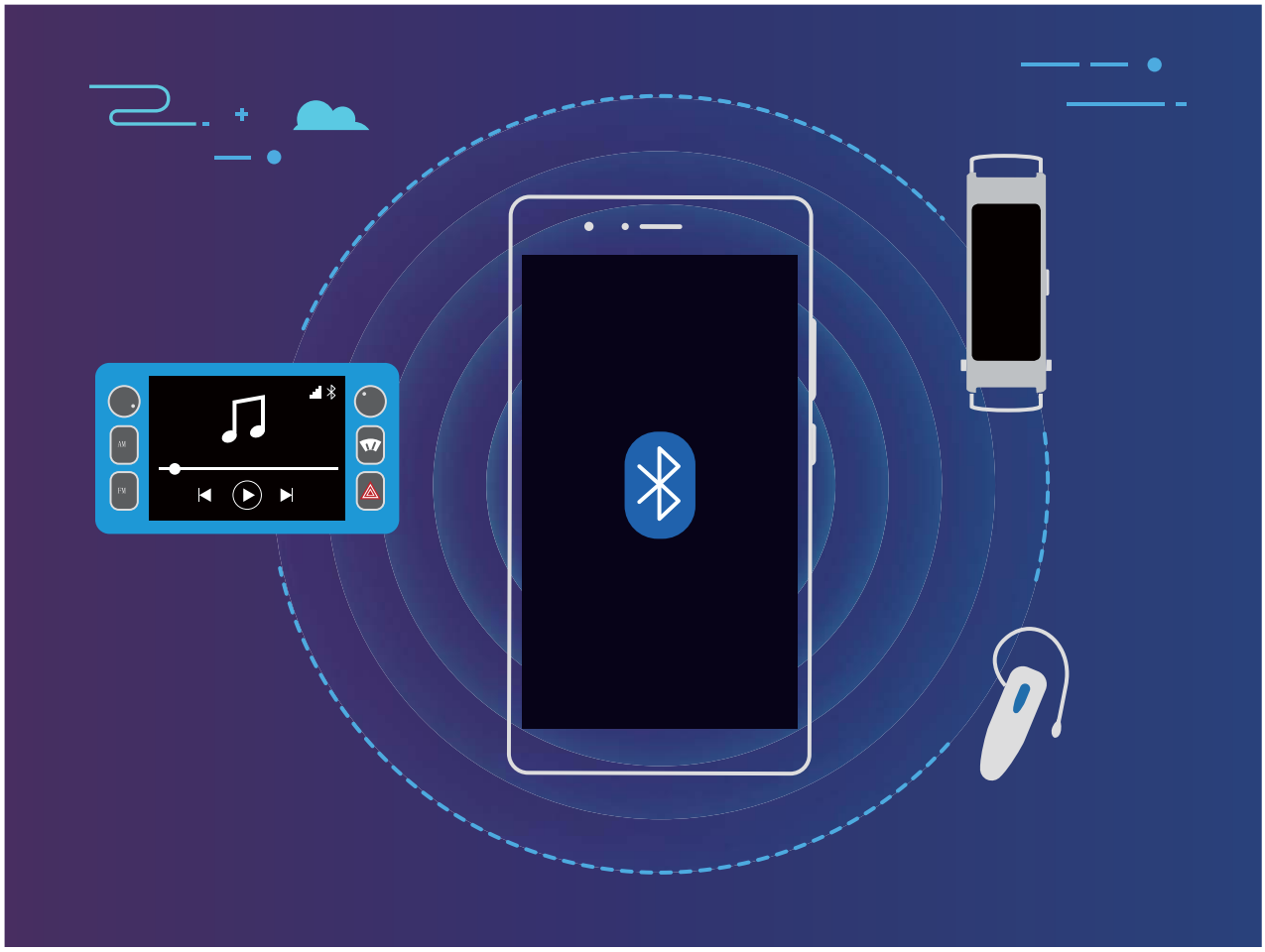
Add tags to notes: Want to easily view the categories of your notes? On the editing page of **All notes**, touch , and use different coloured tags to categorise different content for a clearer view of your notes.

Device Connection

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 mouses
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, phones, 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, and apps 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.

Huawei Share

Huawei Share: A Better Way to Share Files

How do I quickly share apps, transfer pictures and files between my Phone and other mobile devices, or between my Phone and computers? Huawei Share allows you to quickly share apps and wirelessly transfer files between your phone, tablet, and computer.

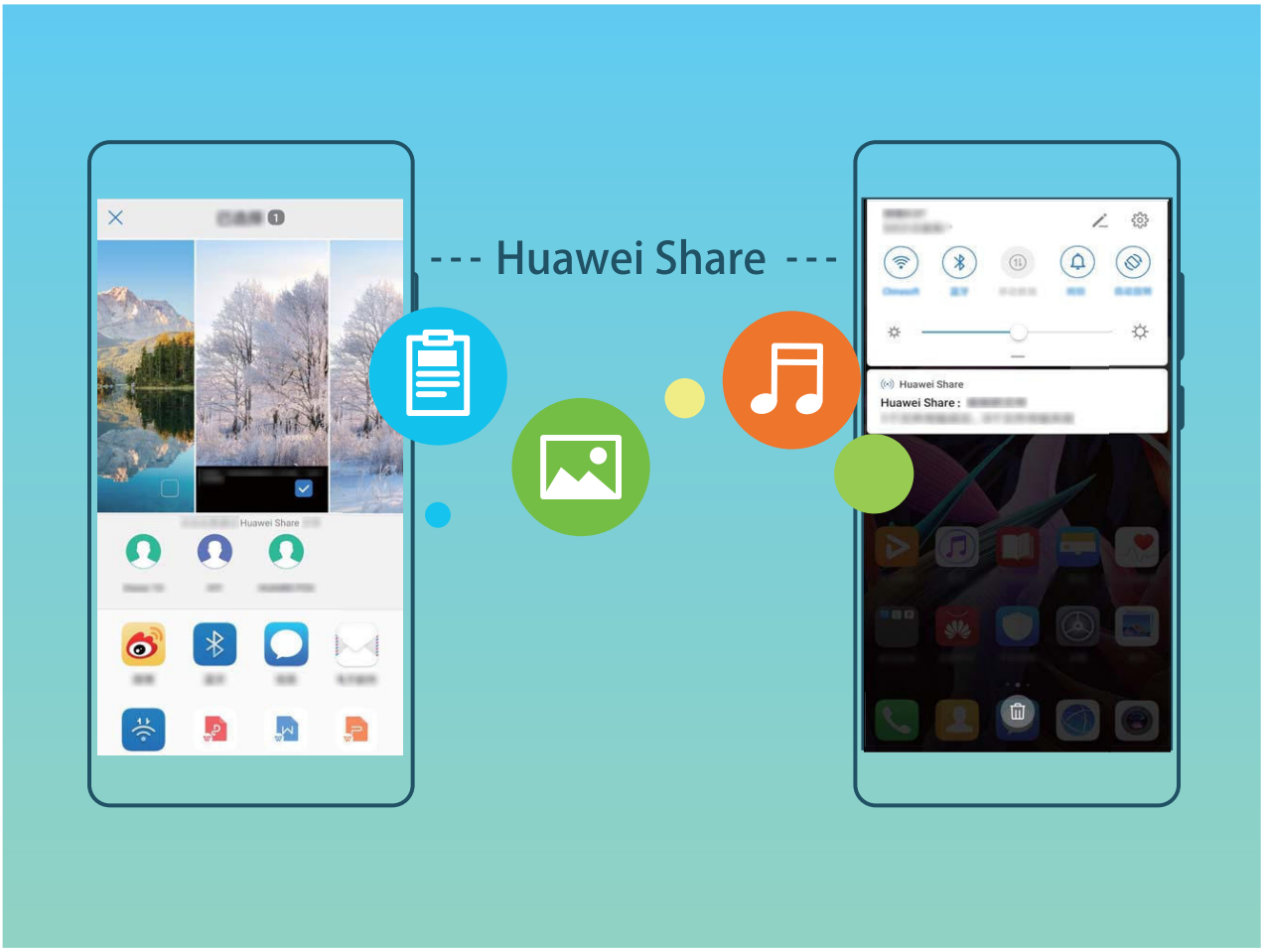
Huawei Share supports data transfers between the following devices:

- Between mobile phones and tablets: You can use Huawei Share to share photos, and files on your Phone with other phones or tablets. Touch and hold the photos, and files you want to share, then select Huawei Share from the sharing option to enjoy a simple and easy sharing process that doesn't consume your mobile data.
- Between your Phone and computers (PC or Mac): You can use Huawei Share to share photos, and files on your Phone with your computer, and you can also edit the photos on your Phone using a computer. Thanks to Huawei Share, you don't even need a USB cable for data transfer between your Phone and computer.

  However, both your Phone and computer must be connected to the same network (for example, to the same Wi-Fi network).



Use Huawei Share to Quickly Share Files between Huawei Devices



You can use Huawei Share to quickly transfer photos, videos and other files between Huawei devices. Huawei Share uses Bluetooth to detect other nearby Huawei devices and then uses Wi-Fi Direct to quickly transfer files without using mobile data.

Huawei Share uses Wi-Fi and Bluetooth to transfer data. When Huawei Share is enabled, Wi-Fi and Bluetooth are both automatically enabled.

Use Huawei Share to send files: Select the files you want to share and then touch **Share**. To send files, select the receiving device from the list of nearby devices and confirm.

Use Huawei Share to receive files: Swipe down from the status bar to open the notification panel, and then touch (•) to enable Huawei Share. Touch **ACCEPT** when the file transfer notification is displayed. Received files are saved by default to your **Files**'s **Huawei Share** folder.

No confirmation is required if the two Huawei devices have been logged in using the same HUAWEI ID.

Transfer Files between Your Phone and Computer Using Huawei Share

With Huawei Share, you can easily share photos and files from your Phone to your computer (PC/Mac), with no USB cable necessary.

- Huawei Share uses Wi-Fi and Bluetooth to transfer data. When Huawei Share is enabled, Wi-Fi and Bluetooth are automatically enabled.
- During the data transfer, ensure that your Phone and computer are connected to the same network (for example, to the same Wi-Fi network).

Share files on your Phone with a PC

1. Open **Settings**, then touch **Device connectivity** > **Huawei Share** to enable **Huawei Share** and **Computer share**. Record **Name shown on computers**.
2. From your PC, open the Network folder, and double-click **Name shown on computers**.
3. Then enter the password. You can view the password under **Device connectivity** > **Huawei Share** > **Verification on computers**.
4. View your albums or internal storage.

Share files on your Phone with a Mac computer

1. Open **Settings**, then touch **Device connectivity** > **Huawei Share** to enable **Huawei Share** and **Computer share**. Record **Name shown on computers**.
2. From your Mac, open **Finder** and double-click the recorded **Name shown on computers**.
3. Choose to register a new user, then enter the username and password. You can then view the password under **Device connectivity** > **Huawei Share** > **Verification on computers**.
4. View your albums or internal storage.

Security and Privacy

Face Unlock

Enrol Your Facial Information to Enable Face Unlock

Face unlock allows you to quickly unlock your Phone by holding it up to your face.

- Face unlock is not available if the screen unlock password has not been entered for three or more days in a row, or if your Phone has been remotely locked, or has been restarted.
- When using Face unlock to unlock your Phone, keep your eyes open, face yourself directly towards your Phone, and keep your face at a distance of 20 cm (7.87 in.) to 50 cm (19.69 in.) from your device. In order to scan your face accurately, avoid using this feature when you are in a dark environment or when facing direct light.

1 Open **Settings**. Go to **Security & privacy** > **Face recognition** and enter your lockscreen password.

If you haven't set a lockscreen password, follow the onscreen instructions to do so. Face unlock is only available if the unlock method is set to **Pattern**, **4-digit PIN**, **Custom PIN**, or **Password**.

2 If you have selected **Enable pick up to wake**, your Phone will turn the screen on and recognise your face to unlock the screen automatically after you pick up your Phone and hold it to your face. If you do not wish to use this feature, deselect this option. Touch **Get started** and follow the onscreen instructions to enrol your facial information.

3 Methods to set Face unlock:

- **Direct unlock**: Turn on the screen. Your Phone will recognise your facial features and unlock the screen after they are matched.
- **Swipe to unlock**: Turn on the screen. After your Phone has recognised your facial information, swipe your finger on the lockscreen to unlock your device.
- **Smart lock screen notification display**: If you have enabled **Slide to unlock** and **Smart lock screen notifications**, notification details will not display on the lockscreen until your Phone recognises your facial features.
- **Access app lock**: If you enable **Access App lock**, the face unlock function can be used to access apps and locked apps.

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.

Pick Up to Unlock

Open **Settings**, go to **Security & privacy** > **Face recognition**. When enroling the face 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 enroling the face data, you can set up this feature later: Open **Settings**, go to **Security & privacy** > **Face recognition**, set the Face unlock method to **Direct unlock**. Then open **Settings**, go to **Smart assistance** > **Motion control** > **Pick up**, and select **Wake device**.

Fingerprint

Fingerprint Recognition: Enjoy Faster Navigation and Enhanced Security

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.



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.

Enrol a Fingerprint

You can enrol 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 recognised.
- 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 enrol 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 enrolment is complete, touch **OK**.

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

Add or Modify a Fingerprint

You can enrol 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:

- **Enrol a new fingerprint**: Touch **New fingerprint** to enrol 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.

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.

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 (such as Find my Phone), 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 device or unlock the screen, you will be asked to enter your App lock password when opening these apps. App lock adds an extra layer of protection for your private information and prevents unauthorised access to important apps on your device.

Enable App lock: Open **Settings**. Go to **Security & privacy** > **App lock**. When you enable App lock for the first time, set the password and password protection question then enter App lock. 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 your password. If you forget your password, touch **Forgot password**, enter the answer to the password protection question, and reset your password. If you have not set up password protection, the **Forgot password** option is not available.

If you have set up a fingerprint and facial recognition to unlock your device and are opening App lock for the first time, follow the onscreen instructions to link your fingerprint and face with App lock for easier app unlocking.

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

If you enter the wrong password five times in a row while logging in to App lock, your device will remain locked for one minute. Try again after one minute. If you enter the wrong password another three times in a row, you will need to wait 10 minutes to try unlocking again.

Backup and Restoration

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

Introduction to Wi-Fi+

Wi-Fi+ intelligently connects to Wi-Fi networks to save mobile data consumption. When your device detects a known or free Wi-Fi network, it will automatically turn on Wi-Fi and connect to the network. Your device will also automatically select the optimal network in the area for the best Internet connection.



Once you have enabled Wi-Fi+, your device will:

- **Automatically select and connect to the optimal network**: Automatically select and connect to Wi-Fi networks you've previously connected to, free networks, or your mobile data network, depending on the signal strength at your current location.

  You can view the connection status by checking the icons in the status bar:

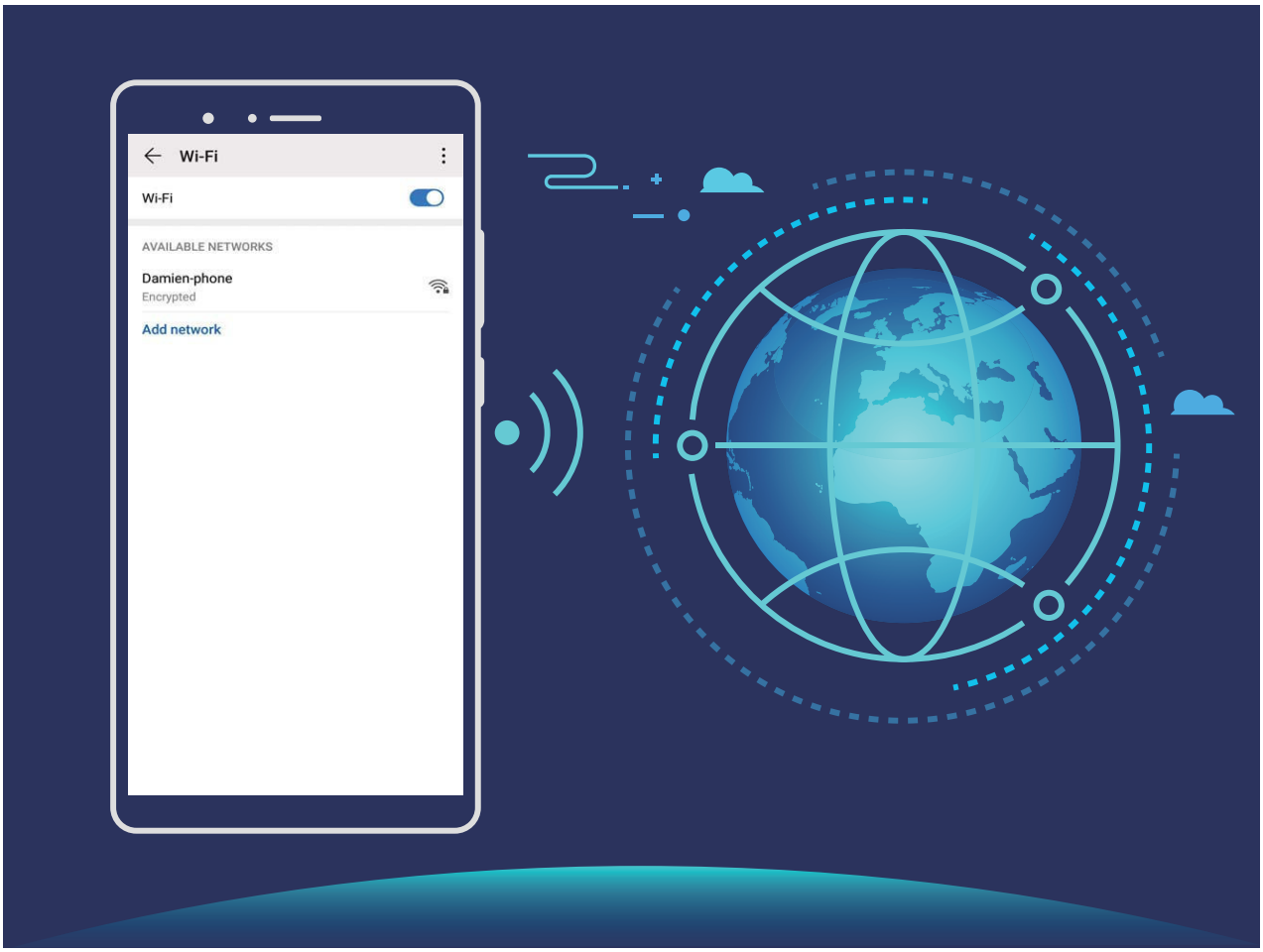
  - The icon indicates that your device is connected to the Internet over Wi-Fi.
  - The icon in the bottom left of the signal bar indicates that your device is connected to the Internet over mobile data.

- **Automatically turn Wi-Fi on:** Depending on the Wi-Fi networks you have connected to previously, Wi-Fi will be automatically enabled in specific locations. This will prevent your device from constantly searching for new networks.
- **Assess the quality of available networks**: Evaluate currently available network hotspots and prevent your device from automatically connecting to networks with no Internet connection.

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 unauthorised 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.

Turn Wi-Fi+ On or Off

Open **Settings**, go to **Wireless & networks** > **Wi-Fi** > > **Wi-Fi+**, and choose to enable or disable **Wi-Fi+**.

- Your Phone will automatically connect to the optimal network available after Wi-Fi+ is enabled.
- Wi-Fi+ may automatically switch to your mobile data network, depending on strength of Wi-Fi+ signals in your area. Note that using mobile data to download or view videos and other large files may incur additional data usage fees. To avoid excessive data charges, purchase an appropriate data plan.
- After Wi-Fi+ is enabled, even if Wi-Fi is disabled manually, the device may automatically switch to a Wi-Fi network when it detects a viable Wi-Fi network you have previously connected to.

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 network provider 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



You can share your mobile data with your friends.

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 Wi-Fi hotspot name, encryption type, and password, then touch **Save** and enable the hotspot to use it.

Set data limit for shared mobile data: Go to **Settings** > **Wireless & networks** > **Portable Wi-Fi hotspot**, and touch **Data limit** to set the data limit for a single session. When this limit is reached, your device will automatically disable the hotspot.

Use Bluetooth to share mobile data: Connect your device to another device using Bluetooth, then enable Bluetooth tethering to share your mobile data. Open **Settings**, go to **Wireless & networks** > **Tethering & portable hotspot**, and enable **Bluetooth tethering**. On the **Bluetooth** settings screen of the paired device, touch next to the paired device, then 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 your computer's operating system, you may need to install device drivers or establish the relevant network connection on your computer before using this feature. Refer to your computer's operating system guide for more information.

Apps and Notifications

App Twin: Log in to Two Social Media Accounts at Once

Have you ever wished you could log in to two WeChat and Facebook accounts on your Phone without the hassle of constantly switching between them? App twin lets you log in to two WeChat and Facebook accounts at the same time, allowing you to keep your work and private life separate.

The App twin feature only works with WeChat, QQ, LINE, Facebook, Snapchat, WhatsApp, and Messenger. Download the latest versions of these apps before using this feature.

Open **Settings**. Go to **Apps** > **App twin** and enable App twin for WeChat, QQ, LINE, Facebook, Snapchat, WhatsApp, or Messenger as required.

When App twin is enabled, two WeChat, QQ, LINE, Facebook, Snapchat, WhatsApp, or Messenger app icons are displayed on the home screen. This means that you can log in to two accounts at the same time. Touch and hold the twinned app icon on the home screen to quickly disable App twin.

Sound and Display

Set Up 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**, go to **Sounds** > **Do not disturb**, enable **Do not disturb**, then touch **Do not disturb options** to select one of the following options:

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

- Some third-party apps may continue to ring when priority interruptions and alarms are allowed in Do not disturb mode. Use the in-app settings to mute notifications from these apps.

Schedule rule: Prevent interruptions at set times, such as weekends or evenings. Touch **Time** to set the time period and repeat cycle, then enable **Time**.

Event rule: Prevent interruptions during meetings or events. Touch **Event**, set the calendar events, then enable **Event**.

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.

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.

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

More Display Settings

Use Shortcuts to Access Frequently Used Features

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 a shortcut is not 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.

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 camera.

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 colour temperature**: Go to **Colour mode & temperature**. You can select the **Default**, **Warm**, or **Cool** option recommended by the system. Alternatively, touch or drag the slider to manually adjust the colour temperature.
- **Automatically adjust the screen resolution**: Touch **Screen resolution** and enable **Smart resolution**. The Phone will automatically adjust the screen resolution to reduce power consumption.
- **Play screensavers 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 colours, 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** and **End**.

Adjust Eye comfort mode colour temperature: Once Eye comfort mode is enabled, blue light will be filtered out and the screen will take on a mild yellow tint. You can adjust the colour temperature as needed. After you have enabled **Eye comfort**, you can adjust the colour temperature slider for a cooler or warmer screen colour.

- 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 device may slow down over time as your storage space gets smaller. Use Memory cleanup to free up storage space, improve system performance, and keep your device running smoothly.

Open **Phone Manager**, then touch **Cleanup** to clean up memory and clear the cache to optimise performance with one touch. If your storage space is still low, perform a deep clean to free up additional storage space.

Smart Assistance

Access Device Functions from Anywhere with Navigation Dock

In order to close an app or return to the home screen, you must use the navigation bar at the bottom of your device. You can enable the Navigation dock feature on your device to avoid using navigation buttons and to comfortably operate your device with one hand.

Open **Settings**. Go to **System** > **System navigation** > **Navigation dock** and enable **Navigation dock**. The Navigation dock will appear on the screen. You can then drag it to your preferred location. The Navigation dock can perform the following actions:

- **Back**: Touch the Navigation dock once to go back one step, or touch it twice to go back two steps.
- **Home**: Touch and hold the Navigation dock and then release it to go to the home screen.
- **View background apps**: Touch and hold the Navigation dock and then swipe left or right to view any apps that are running in the background.

System

Accessibility

Enable TalkBack to Have Onscreen Content Read Aloud

Your device reads aloud content on the screen that you touch, select, or activate, helping you interact with your device when you can't read content on your screen clearly.

1 Open **Settings** and go to **Smart assistance** > **Accessibility** > **TalkBack** > to enter 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 to enter the TalkBack settings screen, and launch the tutorial.

3 Touch and enable **Explore by touch**. Your device will read aloud content that you touch.

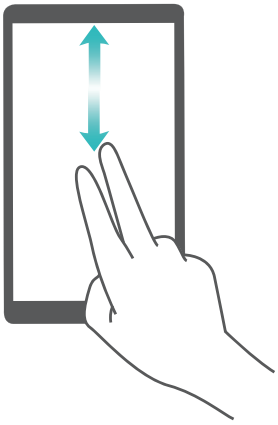
You may have enabled TalkBack by accident. To disable TalkBack, press and hold the Power button until your device vibrates, then touch the screen with two fingers for at least three seconds.

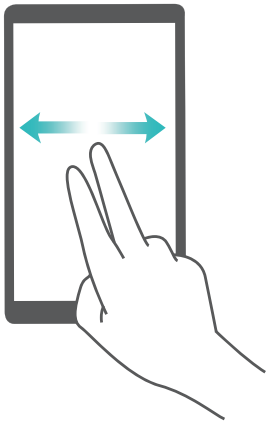
Learn TalkBack Gestures

TalkBack uses a special set of gestures. When TalkBack is enabled, these gestures are required to interact with your device.

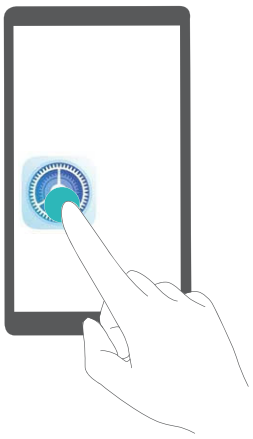
To disable TalkBack, press and hold the Power button until your device vibrates, then touch the screen with two fingers for at least three seconds.

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

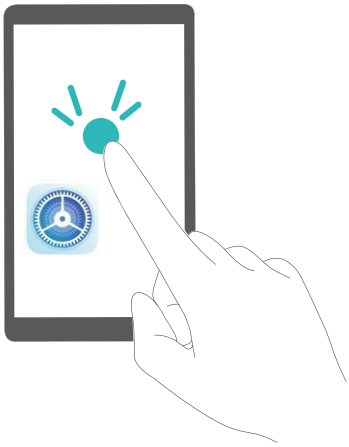




Select an item: Touch an item with one finger to select it (not open it). Your device will read out the content of the selected item.



Open an item: Double-tap 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 with one finger, then touch twice anywhere on the screen.

Enable Colour Correction

Colour correction enables your device to compensate for colour blindness.

When colour correction is enabled, users with normal colour vision may have difficulty viewing some colours.

Open **Settings**, go to **Smart assistance** > **Accessibility** > **Colour correction**, then enable **Colour correction**. Touch **Correction mode** to select the required colour correction mode.

General Settings

Change Your System Language

You can change the system language on your device as needed.

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

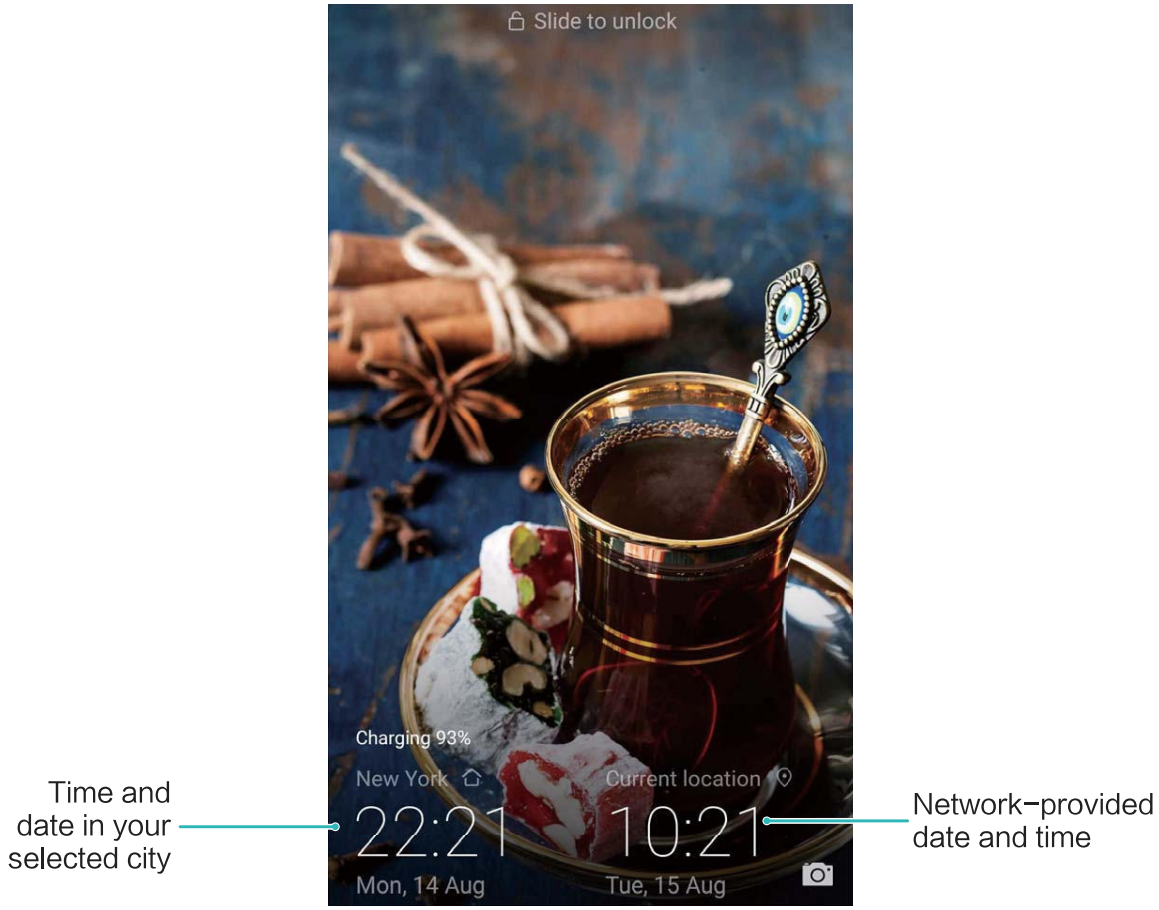
In **Add language** > **Added**, the displayed language does not indicate an affiliation between the language and region. The system interface is displayed according to the local habits of the selected region. For example, if you add English (Vietnam), the language will be English but the calendar will show Monday as the first day of the week according to Vietnamese habits, instead of showing Sunday as the first day, like is common in the United Kingdom or the United States of America.

Set the System Date and Time

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

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

- **Change the date and time**: Enable **Set automatically** to sync your device's date and time with that of your mobile network. Disable **Set automatically** to set your date and time manually.
- **Change the time zone**: Enable **Set automatically** to sync your device's time zone with that of your mobile network. Disable **Set automatically** to set your time zone manually.
- **Change the time format**: Enable **24-hour format** to set your time format to 24 hours. Disable **24-hour format** to set your time format to 12 hours.
- **Set dual clocks on your lock screen**: When you are roaming outside of your home country, your device will automatically display the local date and time provided by the local mobile network. Enable **Dual clocks** and set **Home city** to display dual clocks on your lock screen. One clock will display the local time and the other clock will display the time in your home country.



Print Documents and Photos from Your Phone

Connect your Phone to a printer over Wi-Fi to print out documents and photos with ease.

- Mopria allows you to print directly from your Phone to a Mopria-certified printer. The printer connects to your Phone over Wi-Fi.
- If your printer is not Mopria-certified, contact the printer manufacturer to obtain a plug-in for your model.

1 Connect your Phone and printer to the same Wi-Fi network.

- **Connect to your printer's hotspot**: If your printer has a wireless hotspot, follow the instructions in the printer manual to enable the hotspot and set a password. On your Phone, open **Settings** and go to **Wireless & networks** > **Wi-Fi**. Enable **Wi-Fi**, select the printer hotspot, and then follow the onscreen instructions to establish the connection.
- **Connect with Wi-Fi Direct**: If your printer supports Wi-Fi Direct, follow the instructions in the printer manual to enable this feature. On your Phone, open **Settings** and go to **Wireless & networks** > **Wi-Fi**. Enable **Wi-Fi**, touch > **Wi-Fi Direct**, and then select your printer from the list of detected devices.
- **Connect to your router**: On your printer, enable Wi-Fi and connect to your home router. On your Phone, open **Settings** and go to **Wireless & networks** > **Wi-Fi**. Enable **Wi-Fi**, select your router, and then follow the onscreen instructions to complete the settings.

2 Open **Settings**. Go to **Device connectivity** > **Printing** > **Default Print Service** and check that **Default Print Service** is enabled. Select a printer from the search results, follow the onscreen instructions to manually add a printer.

3 You can now print directly from your Phone:

- **Print an image**: Go to **Gallery**. Open the image that you want to print, go to **More** > **Print or export to PDF**, and then follow the onscreen instructions to send the image to the printer.
- **Print a webpage**: In your browser, open the webpage that you want to print, and then select the print option from the menu.
- **Print a document**: Open the document that you want to print in a productivity app and select the print option from the menu.
- **Print a note**: Open **Notepad**. Open the note that you want to print, go to **Print**, and then follow the onscreen instructions to send the note to the printer.

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 microSD 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 (recommended): If you 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.

System Update

Performing an Online Update

Your Phone will prompt you to download and install a system update when a new version is available. The online update feature allows you to update your Phone quickly and securely.

- Before performing an online update, ensure that your Phone is connected to the Internet. Online updates require an Internet connection. Update your Phone over a Wi-Fi network to avoid incurring unnecessary data charges.
- Ensure that your Phone is at least 30% charged during the update process.
- Avoid using unauthorized third-party software to install firmware and system updates. These may cause your Phone to cease functioning or disclose your personal information. For best results, update your system using the online update feature, or take your Phone to your nearest Huawei service center.
- Always back up your data before updating your Phone to avoid potential data loss.
- Some third-party apps may be incompatible with the new system version (such as online banking apps or games). Please wait for a new version of the third-party app to be released.

1 Open **Settings**.

2 Go to **System** > **Software update**.

System updates may take a while to complete. Avoid using your Phone during this time. Your Phone will automatically restart when the update is complete.

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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 unauthorised 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 unauthorised 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 authorised third-party application providers.
- Using unauthorised 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.

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

Model: POT-LX1T

EMUI 9.0.1_01

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