

HONOR 9X LITE

User Guide

HONOR

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Exciting Features

Featured Usage Tips

Enrol Your Facial Information and Enable Face Unlock

Face unlock allows you to unlock your device quickly and securely, without the need of a password.

- ⚠️ • Face unlock can only be used when the owner account is logged in. It is not supported by PrivateSpace.
- Face unlock is not available if the lock screen password has not been entered for three or more days in a row, or if your device has been remotely locked or restarted.
- When using Face unlock, keep your eyes open, and face your device straight on from a distance of 20–50 cm (about 8–20 in.). In order to scan your face accurately, avoid using this feature when you are in a dark environment or facing direct light.
- Currently, only one face can be enrolled. Delete the current facial data to enrol again.

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

-  If you haven't set up a lock screen password, set one first. Besides the 6-digit PIN, you can set up other types of passwords: **Pattern**, **4-digit PIN**, **Custom PIN**, or **Password**.

2 Selecting **Enable pick up to wake** will allow the screen to turn on and unlock when you pick up your device and hold it to your face. If you do not need this feature, leave it deselected. Touch **Get started**, and enrol your face.

3 Face unlock modes:

- **Select an unlock method:** On the **Face recognition** screen, touch **Unlock device**. If you select **Direct unlock**, your device identifies your facial features and unlocks your screen when the screen is on. If you select **Slide to unlock**, after your device identifies your facial features, you can slide the lock screen to unlock. Selecting **Off** will disable Face unlock.
- **Smart display of lock screen notifications:** Enable **Show notifications**. On the lock screen, your device hides notification details and displays them only after recognizing the owner's face.
- **Access App lock:** Enable **Access App lock** to access App lock and locked apps using Face unlock.

Access Device Functions from Anywhere with Navigation Dock

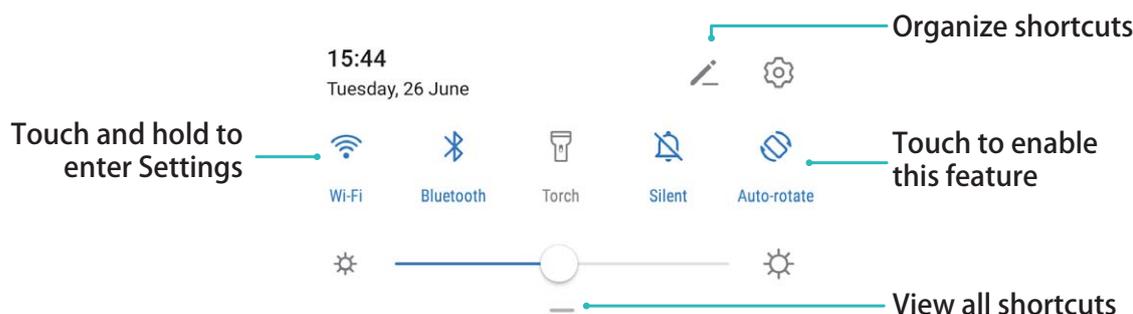
In order to close an app or return to the home screen, you must use the navigation bar at the bottom of your device. You can enable the Navigation dock feature on your device to avoid using navigation buttons and to comfortably operate your device with one hand.

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.



Camera Tips

Use Portrait Mode to Shoot Like a Pro

Go to  **Camera > Portrait**, adjust the following settings, then touch  to take a portrait.

- **Blur and lighting effects:** Touch the  icon in the viewfinder and select a blur or lighting effect.
 -  A light source (such as a neon or street light) in a relatively well-lit background will contribute to better results. Taking photos at long distance will reduce the effect.
- **Beauty effect:** Touch  in the viewfinder and drag the slider to adjust beauty settings. A larger value will produce a more distinct beauty effect.
 -  To disable the beauty effect, touch the  icon in the viewfinder and drag each setting to its lowest value.

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.



Connect and Share

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.

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 first access App lock, select **Lock screen password** or **Custom PIN** as your **App lock** verification password. Enter your password as prompted and on the **App lock** screen, toggle on the switch for the apps you want to lock.

Set your App lock password: Touch  on the **App lock** screen, then touch **Password type**. Select **Lock screen password** or **Custom PIN**.

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.

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.
 -  To save battery power and reduce data usage, disable your mobile data connection when you don't need it.

Enrol Your Facial Information and Enable Face Unlock

Face unlock allows you to unlock your device quickly and securely, without the need of a password.

-  Face unlock can only be used when the owner account is logged in. It is not supported by PrivateSpace.
 - Face unlock is not available if the lock screen password has not been entered for three or more days in a row, or if your device has been remotely locked or restarted.
 - When using Face unlock, keep your eyes open, and face your device straight on from a distance of 20–50 cm (about 8–20 in.). In order to scan your face accurately, avoid using this feature when you are in a dark environment or facing direct light.
 - Currently, only one face can be enrolled. Delete the current facial data to enrol again.
- 1 Open  **Settings**. Go to **Security & privacy > Face recognition** and enter your lock screen password.
 -  If you haven't set up a lock screen password, set one first. Besides the 6-digit PIN, you can set up other types of passwords: **Pattern**, **4-digit PIN**, **Custom PIN**, or **Password**.

- 2 Selecting **Enable pick up to wake** will allow the screen to turn on and unlock when you pick up your device and hold it to your face. If you do not need this feature, leave it deselected. Touch **Get started**, and enrol your face.
- 3 Face unlock modes:
 - **Select an unlock method:** On the **Face recognition** screen, touch **Unlock device**. If you select **Direct unlock**, your device identifies your facial features and unlocks your screen when the screen is on. If you select **Slide to unlock**, after your device identifies your facial features, you can slide the lock screen to unlock. Selecting **Off** will disable Face unlock.
 - **Smart display of lock screen notifications:** Enable **Show notifications**. On the lock screen, your device hides notification details and displays them only after recognizing the owner's face.
 - **Access App lock:** Enable **Access App lock** to access App lock and locked apps using Face unlock.

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.

Home Screen

Navigation Bar

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.

Navigate with Gestures

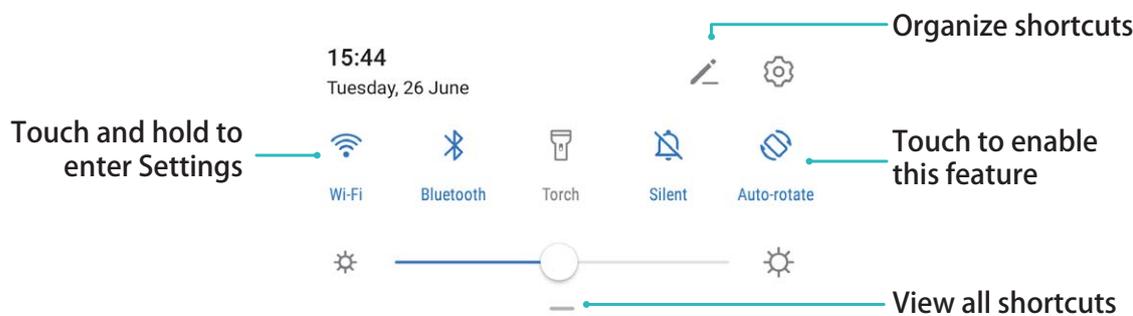
Navigate with gestures to quickly go back to the previous screen, return to the home screen, or view recent tasks.

Open  **Settings**, go to **System > System navigation**, and select **Gestures**. From here you can:

- **Go back to the previous screen:** Swipe inward from one side of the screen.
- **Return to the home screen:** Swipe upwards from the bottom of the screen.
- **View recent tasks:** Swipe upwards from the bottom of the screen and hold. Swipe up on an app's preview to close the app, or 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

Disable App Notifications

Open  **Settings** and touch **Notifications**. From here you can:

- **Block notifications from an app:** Select the app, then disable **Allow notifications**.
 - **Block notifications from multiple apps:** Touch **Batch management**, then disable **All**.
-  To block notifications from an app, you can also swipe down from the status bar to open the notification panel, touch and hold an app notification, then disable **Allow notifications**.

Customise Notification Settings

Customise the notification settings to use your device the way you want.

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

- **Enable Notifications turn on screen:** Enable **Notifications turn on screen** to set the screen to turn on when notifications are received.

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 smart band:** If your device supports unlocking with a smart band, the screen will automatically light up when the band comes within 80 cm of your device. Swiping on the screen of your Phone will instantly unlock the device. Touch **Smart lock**, and follow the onscreen prompts to complete the setup.
- **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.

Go Back to Basics with Simple Mode

Does your home screen look cluttered with app icons and small text? Simple mode maximises the system volume and displays larger icons and fonts on the home screen, adopting a more concise layout which is easy to navigate.

Open  **Settings**, go to **System > Simple mode**, and touch **Enable**.

In Simple mode, you can:

- **Edit home screen icons:** Touch and hold any icon to drag or uninstall certain non-system apps.
- **Exit Simple mode:** Touch **Settings** and select **Exit Simple mode**.

 In **Simple mode**, go to **Settings > More settings > System > Reset > Reset all settings**. You will be directed to the default system home screen and all your settings in **Simple mode** will be reset.

Home Screen Management

Manage Home Screen Icons

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 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 a 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 a folder and touch the folder name to enter a new name.

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

Pinch in with your fingers 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.

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**. Use any of the following search methods:

-  For better results, make sure your device is displaying all contacts. From the contacts list screen, go to  > **Settings** > **Display preferences** and touch **All contacts**.
- Drag the index on the right to quickly scroll through the contacts list.
- In the search bar at the top of the contacts list, enter the contact's name, initials, phone number, or email address. The search results will be displayed below the search bar. Enter multiple keywords for your search, such as "John London", to quickly find matching contacts.

Managing Contacts

Import and Export Contacts

When you switch to a new device, 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**, **Share contacts**, or **Export to SIM** and follow the onscreen instructions. By default, .vcf files exported through **Export to storage** are saved in the root directory of your device's internal storage. Open **Files** to view exported files.

Manage Your Contacts

The Contacts app includes a host of features for managing contacts. Simplify your contacts list by viewing contacts on your device or SIM card only. Favourite contacts to find them easily.

Merge duplicate contacts: Use the **Merge duplicate contacts** function to merge duplicate contacts. From the contacts list screen, go to  > **Settings** > **Organise contacts** > **Merge duplicate contacts**. Select the contacts you want to merge and touch **Merge**.

Display contacts for different accounts: From the contacts list screen, go to  > **Settings** > **Display preferences**, and select the accounts for which you want to display contacts. You can also:

- **Enable Simple view**: Go to  > **Settings** > **Display preferences**, and enable **Simple view**.
- **View contact storage space**: Go to  > **Settings** > **Display preferences**. The **Accounts** area displays the total and available storage space on your SIM card.

Delete contacts: From the contacts list screen, touch and hold the entry you want to delete, then touch **Delete**. To delete contacts in batches, go to  > **Settings** > **Organise contacts** > **Delete multiple contacts**, select the entries you want to delete, then touch .

Link Contact Information with Social Media Accounts

Use third-party social media apps (such as LinkedIn) to find out more information about your contacts.

Link with LinkedIn accounts: Open  **Contacts**, go to  > **Settings** > **Link LinkedIn account** and follow the onscreen instructions to log in to your LinkedIn account. Once logged in, the contact information in your device will be updated. To sync all LinkedIn contact information, from the LinkedIn settings screen in **Contacts**, go to **Sync LinkedIn contacts** > **All LinkedIn contacts**, and select **Sync** or **Auto-update LinkedIn**.

View contact information provided by LinkedIn: Open a LinkedIn contact and touch **View LinkedIn profile online**.

Unlink a LinkedIn contact: Open  **Contacts**, go to  > **Settings** > **LinkedIn**, and select **Disassociate**.

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**.

Enable Call Waiting to Never Miss Important Third-Party Calls

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

 Some network providers may not support this feature.

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

Enable Call Forwarding and Never Miss a Call

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

 Some network providers 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.

Enable VoLTE to Enjoy HD Calls

-  • Some network providers 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**. The **4G** switch may be unavailable for your device due to your network provider's settings. This indicates that the 4G network is enabled by default.
- **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.

Camera

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.

Open  **Camera**, touch  to enter the **Settings** screen, and enable **Assistive grid**. Grid lines will now appear when you take photos. 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.



Use Portrait Mode to Shoot Like a Pro

Go to  **Camera** > **Portrait**, adjust the following settings, then touch  to take a portrait.

- **Blur and lighting effects:** Touch the  icon in the viewfinder and select a blur or lighting effect.
 -  A light source (such as a neon or street light) in a relatively well-lit background will contribute to better results. Taking photos at long distance will reduce the effect.

- **Beauty effect:** Touch  in the viewfinder and drag the slider to adjust beauty settings. A larger value will produce a more distinct beauty effect.
 -  To disable the beauty effect, touch the  icon in the viewfinder and drag each setting to its lowest value.

Use Wide Aperture Mode to Highlight Your Shooting Subjects

Wide aperture mode produces photographs with a shallow depth of field. This creates a blurred background that lends greater emphasis to the photo's subject.

Take a wide aperture photo: Go to  **Camera > Aperture**. When shooting, touch the screen to select a focal point, and then touch  to take the photo.

-  For optimal results, ensure that the subject is positioned no more than 2 m away from the camera.
- Touch  and swipe left or right on the slider to adjust the aperture level. The smaller the aperture value, the more blurred the background will appear.

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.



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.

- i • 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.

- i 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**, go to **More** > **Moving picture**, 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 HONOR 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.

Switch between daily and monthly views: On the **Photos** tab, separate or pinch together two fingers on the screen to view photos by day or by month.

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.

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.

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.

Use Auto-launch to Prevent Unwanted App Activities

Worried about third-party apps secretly running, occupying system resources, and consuming power in the background? Use Auto-launch to help you identify and prohibit unwanted app activities.

Open  **Phone Manager**, touch  > **App launch**, and you can:

- **Automatically manage apps:** Enable **Manage all automatically** or toggle on the switches for individual apps. The system will automatically analyse app usage and prohibit apps from automatic launch, secondary launch, and background running.
- **Manually manage apps:** If you have not enabled **Manage all automatically**, touch the switch of a desired app and enable or disable automatic launch, secondary launch, and background running accordingly.
- **View launch records:** Go to  > **Launch records** to view the detailed launch history for each app.

Enable Virus Scanner

Accessing unauthorised ads or links may infect your device with Trojans and malware that may secretly install themselves and steal your personal data. Running a virus scan can locate and remove potential threats on your device.

Virus scan is enabled by default. To view it, open  **Phone Manager** and touch **Virus scan**. The **Secure** icon indicates that your device is safe. You can also return to the **Optimiser** home screen and go to  to configure the following settings:

- **Smart tune-up:** If this option is selected, the system will obtain the latest app configuration data from the cloud to ensure better app performance.
 - **Auto-clean junk files:** If this option is selected, the system will automatically identify junk files and permanently delete them after 14 days.
 - **Auto-update cleanup database** and **Online virus scan:** Auto-update the cleanup database, or scan for viruses under the conditions of **Wi-Fi only** or **Wi-Fi and mobile data**. Select **Never** to disable these options.
-  The virus scan reminder is enabled by default. You will be notified if no anti-virus scan has been performed for more than 30 days.

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 copy emails from VIP contacts to the VIP mailbox.

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

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

Import Important Events to Calendar

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

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

Calendar

Import To-Dos to Keep Your Work Organised

Many to-dos cannot be handled in time. What can I do if I forget to handle them? Import each to-do item to Calendar for easy reference and you will not miss any important events.

Import meeting reminders: Open  **Calendar**, go to  > **Manage accounts** > **Add account**, and follow the onscreen prompts to add your work emails (Exchange account) to the calendar to check meeting reminders.

Share an event: Touch an event on the calendar or under schedule, then touch  and follow the onscreen prompts to share the event using any of the multiple methods.

View Global Holidays

Travelling overseas for work or holiday? Download your destination country's holiday information ahead of time to better plan your work and schedule.

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

Open  **Calendar**, go to  > **Settings** > **National/Regional holidays**, and enable the corresponding switch for your destination country. Your device will automatically download the holiday information.

Clock

Use the Clock

You can find various functions, including alarm, world clock, stopwatch, or timer in Clock.

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

Display the time in two different regions: Open  **Settings**, and then go to **System > Date & time**. Enable **Dual clocks**, and set **Home city** to display the time in the region where you are currently located and the time in your home city on the lock screen.

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

Utilities

Use Recorder to Make Audio Notes

Have you ever felt like you do not have enough time to take important notes during a meeting? Do you need to sort out a pile of notes from an interview or class? Recorder lets you record audio files that you can conveniently play back later.

Open  **Recorder**, and touch  to begin recording. While recording, you can add tags at important points. Touch  to finish recording and save the audio file.

After the recording is completed, you can:

- **Play recording from tag:** In the recording file list, touch a recording to go to the play screen. On the play screen, you can then touch a tag that you have added and play the recording from that point.
- **Manage recordings:** Touch and hold a recording for options such as sharing or deleting the recording.

 In the recording file list, touch and hold a recording file, and then touch  > **Details** to view its storage location.

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.

Device Connection

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.

Security and Privacy

Face Unlock

Enrol Your Facial Information and Enable Face Unlock

Face unlock allows you to unlock your device quickly and securely, without the need of a password.

- ⚠️ • Face unlock can only be used when the owner account is logged in. It is not supported by PrivateSpace.
- Face unlock is not available if the lock screen password has not been entered for three or more days in a row, or if your device has been remotely locked or restarted.
- When using Face unlock, keep your eyes open, and face your device straight on from a distance of 20–50 cm (about 8–20 in.). In order to scan your face accurately, avoid using this feature when you are in a dark environment or facing direct light.
- Currently, only one face can be enrolled. Delete the current facial data to enrol again.

- 1 Open  **Settings**. Go to **Security & privacy > Face recognition** and enter your lock screen password.
 -  If you haven't set up a lock screen password, set one first. Besides the 6-digit PIN, you can set up other types of passwords: **Pattern**, **4-digit PIN**, **Custom PIN**, or **Password**.
- 2 Selecting **Enable pick up to wake** will allow the screen to turn on and unlock when you pick up your device and hold it to your face. If you do not need this feature, leave it deselected. Touch **Get started**, and enrol your face.
- 3 Face unlock modes:
 - **Select an unlock method**: On the **Face recognition** screen, touch **Unlock device**. If you select **Direct unlock**, your device identifies your facial features and unlocks your screen when the screen is on. If you select **Slide to unlock**, after your device identifies your facial features, you can slide the lock screen to unlock. Selecting **Off** will disable Face unlock.
 - **Smart display of lock screen notifications**: Enable **Show notifications**. On the lock screen, your device hides notification details and displays them only after recognizing the owner's face.
 - **Access App lock**: Enable **Access App lock** to access App lock and locked apps using Face unlock.

Delete Face Data

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

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

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

Fingerprint

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 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**.

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 network provider.
 - 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 first access App lock, select **Lock screen password** or **Custom PIN** as your **App lock** verification password. Enter your password as prompted and on the **App lock** screen, toggle on the switch for the apps you want to lock.

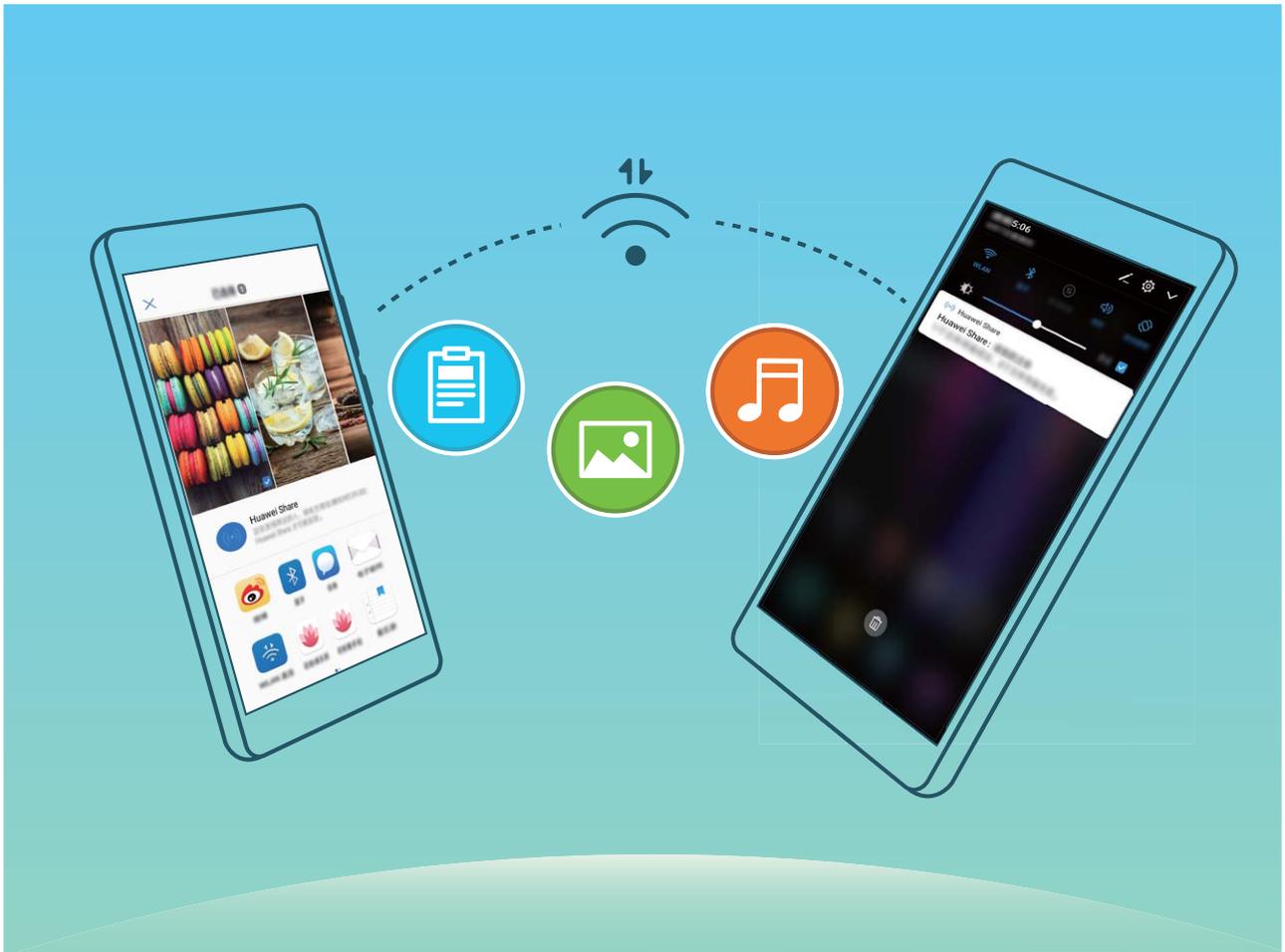
Set your App lock password: Touch  on the **App lock** screen, then touch **Password type**. Select **Lock screen password** or **Custom PIN**.

Wi-Fi and Network

Wi-Fi

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.
-  To save battery power and reduce data usage, disable your mobile data connection when you don't need it.

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.

Customise App Permissions to Use Your Device Your Way

Worried about third-party apps obtaining too many important permissions and disclosing your personal information? You can monitor the permissions of each app and deny unwanted permissions.

 Disabling a permission may cause an app function to become unavailable. For example, if the location permission for a map app is disabled, the app will be unable to provide you with location and navigation services.

Set app permissions: Want to deny unwanted permissions? Open  **Settings**, and go to **Apps > Apps**, select the app and touch **Permissions** on the **App info** screen and then enable or disable the unwanted permissions.

Check and modify permissions: Want to check which apps are allowed important permissions?

Open  **Settings** and touch **Apps > Permissions**, select the permission you want to view and touch the switch next to an app to allow or deny the permission for that app.

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**, then go to **Sounds > Do not disturb** to do the following:

- **Do not disturb:** Touch **Do not disturb** to immediately enable or disable this function.
- **Schedule rule:** Prevent interruptions at set times, such as weekends or evenings. Touch **Scheduled** to set the time period and repeat cycle.
- **Allow calls from important contacts:** Select **Calls**, then select **Contacts only** or **Favourites only**.
- **Allow messages from important contacts:** Select **Messages**, then select **Contacts only** or **Favourites only**.
- **Allow repeated calls to ring:** **Repeated calls** is enabled by default. Your device will ring when the same phone number calls more than once within 3 minutes.

Use Shortcuts to Access Frequently Used Features

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

Each app supports up to four frequently used features. These are preset by the app and cannot be changed.

Quickly access frequently used app features: Touch and hold an app icon, and then touch a frequently used feature to access it. For example, to take a selfie, touch and hold the Camera icon, and then touch **Selfie** in the pop-up menu to create a selfie shortcut.

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

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.

Enable or Disable Mistouch Prevention

Enable Mistouch prevention to prevent unintended operations resulted from accidental touches on the screen.

Open  **Settings**, touch **Smart assistance**, then enable or disable **Mistouch prevention** as required.

System

Change the Input Method

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

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

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 and region**, 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. You can also touch **Region** to select the country/region. The system interface is displayed according to the local habits of the selected region.

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 time** to set your time format to 24 hours. Disable **24-hour time** to set your time format to 12 hours.
- **Set dual clocks on your lock screen:** 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.

Set Scheduled Power On/Off

Use the Schedule power on/off feature to power your device on and off at set times in order to save power and prevent interruptions while resting.

Open  **Settings**, go to **Smart assistance** > **Scheduled power on/off**, enable **Scheduled power on/off**, then set the power on and power off times as well as the repeat cycle. Your device will power on and off automatically at the selected times.

To disable **Scheduled power on/off**, toggle the switch off.

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.

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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.

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

Model: JSN-L21

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