

HONOR X9 **5G**

User Guide

HONOR

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Essentials

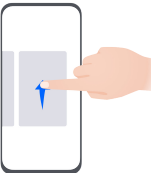
Basic Gestures

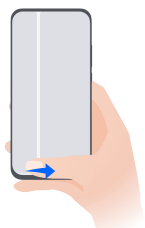
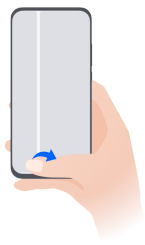
Basic Gestures and Shortcuts

 This feature may vary by device.

System Navigation Gestures

Go to **Settings > System & updates > System navigation**, and confirm that **Gestures** is selected.

	Return to the previous screen Swipe inward from the left or right edge to return to the previous screen.
	Return to the home screen Swipe up from the bottom of the screen to return to the home screen.
	View recent tasks Swipe up from the bottom of the screen and hold to view recent tasks.
	Close an app When viewing recent tasks, swipe up on an app preview to close the app.

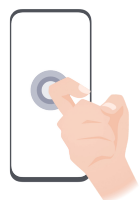


Switch apps

- Slide along the bottom edge of the screen.
Before using this gesture, go to **System navigation > Settings** and confirm that **Slide across bottom to switch apps** is enabled.
- Swipe across the bottom of the screen in an arc.

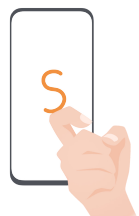
Knuckle Gestures

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



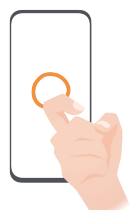
Take a screenshot

Knock twice on the screen with a knuckle to take a screenshot.



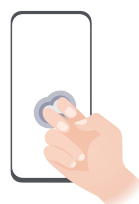
Take a scrollshot

Knock on the screen with a knuckle and draw an "S" to take a scrolling screenshot.



Capture part of the screen

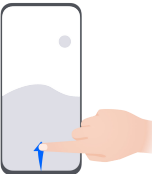
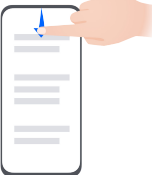
Knock and draw an enclosed area with a knuckle to capture part of the screen.



Record screen

Knock twice on the screen with two knuckles to start or end a screen recording.

More Gestures

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

Button Shortcuts

	Power off and restart Press and hold the Power button until the Power off and Restart options appear.
	Increase the volume Press the Volume up button.
	Decrease the volume Press the Volume down button.
	Take a screenshot Press the Volume down and Power buttons simultaneously.

System Navigation

Change the System Navigation Mode

Use gesture navigation

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

You can:

- Return to the parent menu: Swipe inward from the left or right edge of the screen.
- Return to the home screen: Swipe up from the middle of the bottom edge of the screen.
- Access multitasking: Swipe up from the bottom edge of the screen and pause.
- Close a task: In the multitasking interface, swipe up on a task card. Swipe down on a card to lock the task, locked tasks will not be cleared in batches by tapping  in the multitasking interface.
- Fast app switching: Swipe across the bottom of the screen in an arc to switch between apps; or go to **Settings**, turn on the **Slide across bottom to switch apps** switch, then swipe across the bottom of the screen.

You can also go to **Settings**, turn on the **Show navigation bar** switch to assist gesture operations using the navigation bar.

 This feature may vary by device.

Use Three-Key Navigation

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

You can then:

- Touch  to return to the previous menu or exit the current app.
- Touch  to return to the home screen.
- Touch  to access the recent tasks screen.

You can touch **Settings** to configure more settings.

- Select a navigation key combination.
- Enable **Hide navigation keys** to allow you to hide the navigation bar when not in use.
- Touch  (if available in the selected navigation key combination) to open the notification panel.

Device Clone

Use Phone Clone to Move Data to Your New Device

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

Migrate Data from an Android Device

- 1** On your new phone, open the **Device Clone** app. Alternatively, go to **Settings > System & updates > Device Clone**, touch **This is the new device**, then touch **Honor** or **Other Android**.
- 2** Follow the onscreen instructions to download and install **Device Clone** on your old device.
- 3** On your old device, open the **Device Clone** app and touch **This is the old device**. Follow the onscreen instructions to connect your old device with your new phone by scanning a code or connecting manually.
- 4** On your old device, select the data you want to clone, then touch **Transfer** to start cloning.

 **Device Clone** is only available on phones running Android 7.0 or later.

Migrate Data from an iPhone or iPad

- 1** On your new phone, open the **Device Clone** app. Alternatively, go to **Settings > System & updates > Device Clone**, touch **This is the new device**, then touch **iPhone/iPad**.
- 2** Follow the onscreen instructions to download and install **Device Clone** on your old device.
- 3** On your old device, open the **Device Clone** app and touch **This is the old device**. Follow the onscreen instructions to connect your old device with your new phone by scanning a code or connecting manually.
- 4** On your old device, select the data you want to clone, then follow the onscreen instructions to complete the data cloning.

 **Device Clone** is only available on phones running iOS 8.0 or later.

Lock and Unlock Your Screen

Lock and Unlock Your Screen

Lock the Screen

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

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

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

Set the Screen Timeout Period

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

Unlock the Screen with Password

Once the screen is turned on, swipe up from the middle of the screen to display the password input panel. Then, enter your lock screen password.

Use Face Unlock

Turn on the screen and align it with your face. Your phone will unlock once your face is recognized.

Unlock Your Phone with Your Fingerprint

Press an enrolled finger against the fingerprint sensor to unlock your phone.

Display Your Signature on the Lock Screen

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

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

Launch apps from the lock screen

You can launch common apps, such as Camera, Calculator, and Timer from the lock screen.

- Light up the screen, touch and hold the Camera icon at the lower right corner and swipe up to open **Camera**.
- Light up the screen, swipe up from the bottom edge of the screen to open the quick operation panel, tap an icon to launch the app. This include **Flashlight**, **Calculator**, **Timer**, etc.

Notification and Status Icons

Common notification and status icons

 The network status icon may vary depending on your region or network service provider.

Since functions vary among different products, the following icons may not appear on your phone.

	5G network connected		4G network connected
	3G network connected		2G network connected
	Full signal		Roaming
	Data Saver enabled		No SIM card inserted
	Hotspot enabled		Hotspot connected

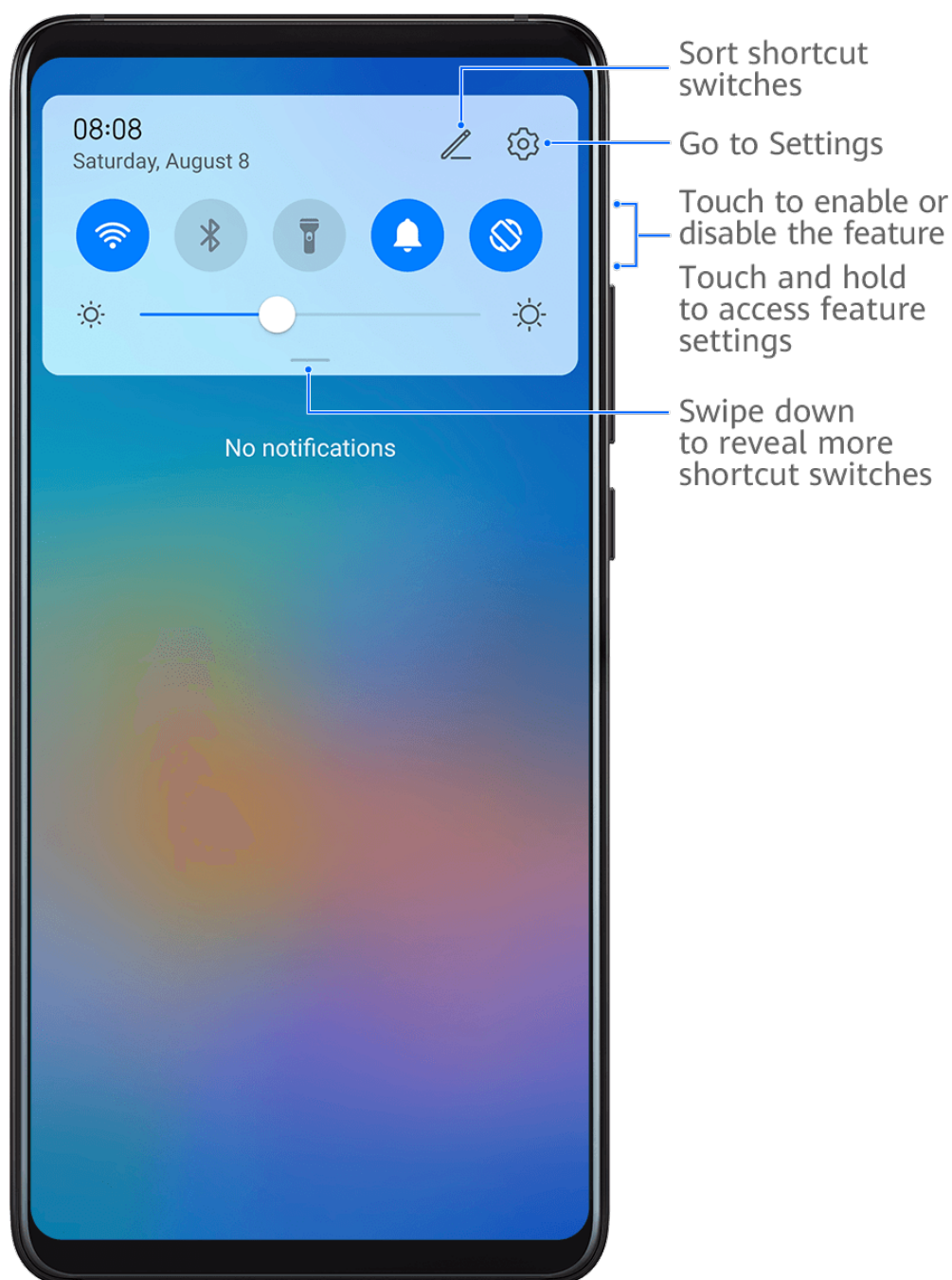
	Wi-Fi network connected		Dual Wi-Fi networks connected
	Automatic network switching via Wi-Fi+ enabled		Hotspot disconnected
	Out of battery		Low battery
	Charging		Quick Charge enabled
	Super Charge enabled		Wireless Super Charge
	Wireless Quick Charge		Regular wireless charge
	Power Saving mode enabled		Digital Balance enabled
	Bluetooth enabled		Battery of the Bluetooth device
	Bluetooth device connected		VPN connected
	More hidden information		Screen projection device connected
	Location service enabled		Eye Comfort enabled
	Earphones connected		Airplane mode enabled
	Phone call connected		VoLTE HD Calls enabled
	Missed call		New message
	Silent mode		Vibration mode
	NFC enabled		Do Not Disturb enabled
	Syncing data		Data sync failure
	Performance mode enabled		New email
	New event reminder		Alarm enabled

Shortcut Switches

Use Shortcut Switches

Turn on a Shortcut Switch

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



- Touch a shortcut switch to enable or disable the corresponding feature.
- Touch and hold a shortcut switch to access the settings screen of the corresponding feature. (Supported by some features.)
- Touch  to access the system settings screen.

Customize Shortcut Switches

Touch , touch and hold a shortcut switch, then drag it to the desired position.

Home Screen Widgets

Add, Move, or Delete Home Screen Widgets

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

Add Weather, Clock, and Other Widgets to the Home Screen

- 1 Pinch two fingers on the home screen to access Home screen settings mode.
- 2 Touch **Widgets**, then swipe left to view all widgets.
- 3 Some widgets, such as **Weather**, come in various formats. Touch the widget to show all formats, and swipe right to collapse.
- 4 Touch a widget to add it to the home screen. If there is no room on the current screen, touch and hold it, then drag it to a different screen.



To configure the **Weather** app, open it, and touch  to set the configurations as prompted.

For example, to switch between Celsius and Fahrenheit, go to  > **Temperature unit**, and touch **Celsius (°C)** or **Fahrenheit (°F)**.

Move or delete widgets

On the home screen, touch and hold a widget, then drag it to the desired position. Or tap **Remove** to delete the widget.

Set Your Wallpaper

Set Your Wallpaper

Use a Preset Wallpaper

- 1 Go to **Settings > Home screen & wallpaper > Wallpaper**.
- 2 Touch an image you want to set as the wallpaper.
- 3 Set the following according to your preferences:
 - **Blur**: applies a blur effect, which can be adjusted by dragging the slider.
 - **Scrollable**: enables the wallpaper to be scrollable on the home screen.

- 4** Touch , then determine whether you'd like to set it as the wallpaper for the **Lock screen**, **Home screen**, or **Both**.

Set an Image from Gallery as Your Wallpaper

- 1** Open **Gallery**, and open the image you want to set as your wallpaper.
- 2** Go to  > **Set as** > **Wallpaper**, then follow the onscreen instructions.

Screenshots & Screen Recording

Take a Screenshot

Use Your Knuckle to Take a Screenshot

- 1** Go to **Settings** > **Accessibility features** > **Shortcuts & gestures** > **Take screenshot**, and ensure that **Knuckle screenshots** is enabled.
- 2** Knock the screen twice in quick succession with one knuckle to take a screenshot.

Use a Key Combination to Take a Screenshot

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

Use a Shortcut to Take a Screenshot

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

Share and Edit a Screenshot or Switch to Scrollshot



After you take a screenshot, a thumbnail will be displayed in the lower left corner of the screen. You can then:

- Swipe down on the thumbnail to take a scrolling screenshot.
- Swipe up on the thumbnail to select a way to share the screenshot with your friends.
- Touch the thumbnail to edit or delete it. You can also touch **Scrollshot** to take a scrolling screenshot.

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

Use Your Knuckle to Take a Scrolling Screenshot



- 1 Knock the screen with a knuckle and hold to draw an "S". The screen will automatically scroll down to the bottom for you to capture the entire page.
- 2 You can touch the screen at any point to stop the screenshot.

Swipe Down Using Three Fingers to Take a Screenshot

- 1 Go to **Settings > Accessibility features > Shortcuts & gestures > Take screenshot**, and ensure that **Three-finger screenshot** is enabled.
- 2 Swipe down from the middle of the screen with three fingers to take a screenshot.

Take a Partial Screenshot



- 1** Knock on the screen with a knuckle and hold to draw an outline around the part of the screen that you want to capture. Make sure that your knuckle does not leave the screen.
- 2** The screen will display the movement trajectory of your knuckle and take a screenshot of the selected area. You can then:
 - Drag the frame to the desired position or resize it.
 - Touch a shape icon to determine the shape of the partial screenshot, or retain the current shape.
- 3** Touch  to save the screenshot.

Precautions for Using Knuckle Screenshots

- Please double knock the screen consecutively at the same place and at an appropriate speed.
- Keep your knuckle vertical to the screen.
- If you want to take more than one screenshot, wait 2 seconds before knocking on the screen again.
- If there is a screen protector on the screen, knock the screen harder or remove the screen protector and try again.

Record the Screen

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

Use a Key Combination to Start Screen Recording

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

Use a Shortcut to Start Screen Recording

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

Use Two Knuckles to Start Screen Recording

- 1** Go to **Settings > Accessibility features > Shortcuts & gestures > Record screen**, and ensure that **Record screen** is enabled.
- 2** Knock the screen twice in quick succession with two knuckles to start screen recording. To stop recording, knock twice again.

Record Your Voice During Screen Recording

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

After starting a screen recording, touch the microphone icon and ensure that it is displayed as



. You can now record your voice.



If the microphone is disabled (if it is displayed as ) , you will only be able to record system sounds, such as music. If you don't want any system sounds in your screen recording, mute your phone and turn off any music or other media sounds before starting the screen recording.

View and Clear Notifications

View and Clear Notifications

View Notifications

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

Clear Notifications

- You can remove a notification by swiping right on it.

- You can touch  to clear all notifications.
-  Some system notifications and notifications from apps running in the foreground cannot be cleared.

Do not show notification

To not get disturbed by notifications, swipe left on the notification you want to process, and tap



, you can select:

- **Disable notifications**
- **USE GENTLE NOTIFICATIONS**
- **More settings**

-  Some system notifications and notifications from foreground apps cannot be closed or delayed.
- Different apps may support different options, please refer to the actual situations.

Adjust Sound Settings

Adjust Sound Settings

Press a Volume Button to Adjust the Volume

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

Press the Power Button to Mute Your Device When It Rings

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

Change ringtone and vibration

You can change the ringtone for texts, notifications, and incoming calls, and customize vibration.

1 Go to **Settings > Sounds & vibration** and tap **Phone ringtone** or **Notification tone**.

2 You can perform any of the following operations:

- Set a ringtone
Select a system ringtone, or tap **Music on device** to select a local song as the text ringtone.
For a dual-SIM phone, select SIM 1, SIM 2 to set their ringtone separately.
- Set the vibration mode
Tap **Vibration**, select the desired vibration mode.

Use a Shortcut to Switch Between Sound, Vibration, and Silent Modes

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

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

In Sound mode, your phone plays all sounds as normal.

In Silent mode, your phone only mutes the ringtones for incoming calls, messages, notifications, and some third-party app notifications. Other sounds, including alarms, voice calls, music, videos, and games, will not be muted.

In Vibration mode, your phone is muted and vibrates to provide discreet alerts for calls or messages.

You can also go to **Settings > Sounds & vibration** to switch between **Sound**, **Vibration**, and **Silent** modes.

System Haptics

The system uses haptics to provide feedback when certain operations are completed, such as when you touch and hold text, a contact, or some other elements on the screen.

Go to **Settings > Sounds & vibration > More settings** and enable or disable **System haptics** according to your preferences.

Flip to Mute

When there is an incoming call, you can flip your phone to mute it.

For the features to take effect, go to **Settings > Accessibility features > Shortcuts & gestures > Mute ringtone** and make sure that **Flip to mute ringtone** is enabled.

Set More settings

On the **Sounds & vibration** screen, touch **More settings**, and set more notification methods according to your preferences. For example, you can set **Keypad tones** and **Screenshot**.

 This feature may vary by device.

Power On and Off or Restart Your Device

Power On and Off or Restart Your Device

Power Your Device On and Off

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

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

Restart Your Device

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

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

Forcefully restart your phone

You can forcefully restart your phone if it is not working or turning off normally. Just press and hold the Power button for 10 seconds or longer.

Charging

Charge Your Phone

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

Precautions for Charging

- Charge your phone using the standard adapter and USB cable that came with your device. Using other chargers or USB cables may cause repeated restarts, slow charging, overheating, or other undesirable effects.
- Your phone will automatically run a safety check when a charger or other device is connected to the USB port. If moisture is detected in the USB port, your phone will automatically activate safety measures and stop charging. Disconnect your phone from the USB port and wait until the USB port is dry.
- The time required to fully charge the battery depends on the ambient temperature and age of the battery.
- Batteries have a limited number of charge cycles. When the battery life becomes noticeably shorter, go to an authorized HONOR Customer Service Center to replace the battery.
- Do not cover your phone or charger during charging.
- Your phone may heat up when you have been using it for an extended period of time, especially in high temperatures. In this case, stop charging, disable some features, and move your phone to a cool place.
- Please do not use your phone while it is charging.
- If your phone does not respond after you press and hold the Power button, the battery may have run out. Charge for 10 minutes and then power it on.

Use the Charger that Came with Your Device

- 1 Use the USB cable that came with your phone to connect your phone and the adapter.
- 2 Plug the adapter into a power socket.

Charging Your Phone with a PC

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

Overview of Battery Icons

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

Battery Icon	Battery Level
	Less than 10% battery remaining.
	10% to 20% battery remaining.
	Charging, 20% to 90% battery remaining.
	Charging, at least 90% battery remaining. If 100% is displayed next to the battery icon, or a charging complete message is displayed on the lock screen, the battery is fully charged.

Smart Features

Easy Projection

Project Your Phone Screen Wirelessly

For security reasons, after projecting your phone screen wirelessly to a large display (such as a TV) for work or entertainment, notifications such as incoming call notifications, SMS messages, and clock alarms will only be displayed on your phone.

- 1 Perform the following based on the model and functions of the large display:
 - **If the large display supports Miracast**, turn on its wireless projection switch.
 - **If the large display does not support Miracast**, connect a wireless HDMI adapter to it. Ensure that the wireless HDMI adapter is connected to a power supply.

 To check whether the large display supports Miracast and how to enable wireless projection on it, consult the user guide or customer service of the large display manufacturer.
- 2 On your phone, swipe down from the status bar to open the notification panel, and turn on .
- 3 Swipe down again to show all shortcuts and enable **Wireless Projection**. Your phone will start searching for available display devices.
- 4 In the device list, touch the name corresponding to the large display or wireless HDMI adapter to complete the projection connection.

After the connection is set up, you can place your phone in landscape mode for a better display. Alternatively, swipe down from the status bar, and touch **Disconnect**.

HONOR Share

HONOR Share

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

Enable or Disable HONOR Share

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

- Swipe down from the status bar to open the notification panel, swipe down on it again to show all shortcuts, then turn on or turn off **HONOR Share**. You can also touch and hold **HONOR Share** to access its settings screen.
- Go to **Settings > More connections > HONOR Share** to enable or disable **HONOR Share**.

Share Files Between Phones with HONOR Share

You can use HONOR Share to quickly share files between HONOR phones. The recipient can preview the files before they are sent, then view the full content of the files once they have been received.

- 1 On the receiving device, enable **HONOR Share**.
- 2 On the sending device, tap and hold to select a file or album you want to share, then tap . Tap **HONOR Share**, then tap the name of the receiving device to send the file.

 These steps may be different if you are sharing files directly from an app.

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

On the receiving device, go to **Files**, tap **Phone** > **HONOR Share** under the **Browse** tab to view the received file.

Received pictures or videos can also be viewed in **Gallery** > **Albums** > **HONOR Share**.

One-Touch Printing with HONOR Share

When a printer that supports HONOR Share is nearby, you can use HONOR Share to find the printer and print out pictures or PDF files stored on your phone.

- 1 Depending on the type of printer, ensure the following:
 - Wi-Fi capable printers: The printer must be powered on and connected to the same network as your phone.
 - WiFi Direct capable printers: The printer must be powered on and have enabled WiFi Direct.
 - Bluetooth capable printers: The printer must be powered on and discoverable via Bluetooth.
 - 2 On your phone, preview the file to be printed, then go to **Share** > **HONOR Share**.
 - 3 Once the printer has been discovered, touch its name on your phone, and adjust the settings on the preview screen. Then touch **PRINT** to print.
If you are connecting a Bluetooth printer to your phone for the first time, find the printer on your phone, touch the printer name, then press and hold the Power button on the printer for about 1 second to confirm the connection.
-  For a list of supported printers, touch **Help** on the HONOR Share sharing screen, select **Printers**, then touch **What printers are supported?**.

Camera and Gallery

Launch Camera

Launch Camera

There are multiple ways to open the Camera app.

From the Home Screen

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

From the Lock Screen

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

Take Photos

Taking Photos

1 Open **Camera**.

2 You can perform the following operations:

- Focus: tap in the screen where you want to highlight.
To separate the focus point and metering point, press and hold in the viewfinder frame, and when the focus frame and metering frame appear at the same time, drag them to the desired position separately.
- Adjust the brightness: Tap the screen and swipe up or down  next to the focus frame.
- Zoom in or out: Open/pinch both fingers on the screen or slide the zoom bar next to the screen to zoom in/out.
- Select camera mode: In the camera mode area, swipe left, right, up, or down to select a mode.
- Turn the flash on or off: tap  and select  (Auto),  (On),  (Off), or  (Always on).

When  (Auto) is selected, if the camera detects that you are in a dark environment, a flash alert will appear in the viewfinder and the flash will automatically turn on when shooting.

- Select a filter: Tap  to preview the filter effect.

 Not all modes support the above operation, please refer to each mode for details.

3 Tap the shutter to shoot.

Take Timed Photos

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

- 1** Go to **Camera** >  > **Timer** and select a countdown.
- 2** Return to the viewfinder and touch the shutter button. Your phone will take a photo when the countdown ends.

Shoot in Portrait, Night, and Wide Aperture Modes

Shoot in Portrait, Night, and Wide Aperture Modes

Portrait Mode

Use the portrait mode to add beauty and background bokeh to your photos to make the characters in your photos more beautiful.

- 1** Open **Camera** and select **PORTRAIT** mode.
- 2** Point the camera at the figure so that the figure appears in the portrait box.

To take a selfie, tap .

- 3** You can perform the following operations to adjust portrait effect:

- Turn on the beauty effect: tap  to adjust the beauty effect.
To turn off the beauty effect, minimize the parameter using the slider. For the front camera, tap .
- Set the background bokeh effect: tap  when you see OFF to enable background bokeh.
- Screen ring fill light: When switching to the front camera and the ambient light is insufficient, tap the flash icon at the top to select the screen ring fill light method to enhance the brightness on faces.

Tap on the flash icon and select  (auto) or  (always on).

 This feature may vary by device.

- 4** Tap  to take photos.

Take Night Shots

Night mode gives your photos sharper details and brighter colors even when shooting in low light or at night.

- 1 Open **Camera** and select **Night** mode.
- 2 Steady your phone and touch the shutter button.
- 3 Your phone will adjust the exposure time based on the ambient brightness. Keep your phone steady until the countdown finishes.

Take Wide Aperture Photos

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

- 1 Open **Camera** and select **APERTURE** mode.
- 2 Touch where you want to focus. For best results, your phone needs to be within 2 m (about 7 ft.) of your subject.
- 3 Touch  in the viewfinder and drag the slider to adjust aperture settings. A smaller aperture value will create a more blurred background.
- 4 Touch the shutter button to take a photo.

AI Photography

Take Professional-Looking Photos

AI Photography is a pre-installed camera feature that helps you take better photos by intelligently identifying objects and scenes (such as food, beaches, and text) and optimizing the color and brightness settings accordingly.

- 1 Open **Camera** and select **PHOTO** mode.
- 2 Tap  to turn on.
- 3 Frame the subject within the viewfinder. Once the camera identifies what you are shooting, it will automatically recommend a mode (such as food, beaches, or text).

Macro

Use Super Macro to Shoot Close-ups

With Super macro mode, you can take photos of small objects such as dewdrops and leaves to explore and record the details of the world around you.

- 1 Go to **Camera > MORE** and select **Super macro** mode.
- 2 Touch  to take a photo.

Take Panoramic Photos

Take Panoramic Photos

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

Use the Rear Camera to Take Panoramic Photos

Panorama mode combines multiple shots into a seamless panoramic photo. Simply move the camera as you shoot and the camera will take care of the rest.

- 1 Go to **Camera > MORE** and select **Panorama** mode.
- 2 Touch  and set the pan direction.
- 3 Point the camera at your starting point, then touch  to start shooting. Move the camera in the direction of the arrow displayed on the screen. Keep the arrow on the center line when you are taking the photo.
- 4 Touch  when you are finished.

Add Stickers to Photos

Add Stickers to Photos

Add a sticker, such as time, weather, mood, or food, to spice up your photos.

- 1 Go to **Camera > MORE** and select **Stickers** mode.
If the **Stickers** option is not present, touch  , then download **Stickers**.
- 2 Touch  and select a sticker. The selected sticker will be displayed in the viewfinder.
- 3 Drag the sticker to change its position. You can also edit the text of some types of stickers.
- 4 Touch  to take a photo.

High-Res Mode

Take High-Resolution Photos

Take high-resolution photos if you would like to print them or display them on a large screen.

- 1 Go to **Camera > MORE** and select **HIGH-RES** mode.
- 2 Frame your subject within the viewfinder, then touch where you want to focus.
In **HIGH-RES** mode, you won't be able to zoom in or out, or adjust the aspect ratio.
- 3 Touch  to take a photo.

 This feature may vary by device.

Pro Mode

Use Pro Mode to Shoot Like a Pro

Pro mode lets you fine-tune photos and videos and gives you full control over ISO sensitivity, focus mode, and more when taking photos or recording videos.

Use the Pro Mode

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

2 You can set the following parameters:

- Adjust the metering method: Tap **M** to select the metering method.

Metering method	Applicable scenarios
 Matrix metering	Metering the whole picture. Suitable for shooting natural scenery.
 Center-focused metering	Focus on metering the center area of the frame. Suitable for shooting portraits.
 Point metering	Metering of a very small area in the center of the frame (such as the eyes of a person).

- Adjust ISO sensitivity: Tap **ISO** and slide the ISO adjustment area.
When the light is low, increase the ISO sensitivity; when there is plenty of light, lower the ISO sensitivity to avoid excessive noise in the picture.
- Adjust shutter speed: Tap **S** and slide the shutter speed adjustment area.
Shutter speed will affect the amount of light into the camera, when shooting still landscapes and portraits, adjust the shutter speed lower; when shooting moving landscapes and portraits, adjust the shutter speed higher.
- Adjust the exposure compensation value: Tap **EV** and slide the EV adjustment area.
When the light is low, adjust the EV value higher; when the light is high, adjust the EV value lower.
- Adjust the focus: Tap **AF** and select the focus mode.

Focus mode	Applicable scenarios
AF-S Single Focus	Still figures, landscapes, etc.
AF-C Continuous Focus	Moving figures, landscapes, etc.

Focus mode	Applicable scenarios
MF Manual Focus	Tap the area that needs to be highlighted (such as a person's face) to capture it in focus.

- Adjust the color tone: Tap **WB** and select White Balance.

You can select  in daylight; select  in cloudy or shady conditions.

Tap  to change the color temperature to give the picture a cooler or warmer tone.

- Adjust the storage format: You can set the storage format as JPG or JPG-L according to your needs. JPG format occupy relatively less memory, and you can also choose to save as JPG-L format as well.

3 Tap the shutter to shoot.

 Some parameters will change when adjusting other parameters. Please adjust them according to your needs.

Record Videos

Shoot Videos

In the video mode, you can use auxiliary functions such as zoom, focus, and beauty, and you can also set the video resolution and frame rate.

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

2 You can do any of the following to prepare for the shooting:

- Zoom in or out: Open/pinch both fingers on the screen or slide the zoom bar to zoom in or out.
- Focus: tap in the screen where you want to highlight. Press and hold in the screen to lock exposure and focus.

- Turn the flash on or off: Tap  to select the flash as  (Always on) or  (Off).

When recording with the front camera, you can select the flash to be  (Always on) in low light conditions. When turned on, the camera will ring fill in the light by boosting the screen brightness to enhance the brightness of faces.

- Select a filter: Tap  to preview the filter effect.
- Turn on the beauty effect: Tap  and slide to adjust the beauty effect.
- Adjust the video resolution and frame rate: Go to  > **Video resolution** and select the desired resolution. The higher the resolution, the clearer the video, and the larger the final generated video file, please choose according to your actual needs.

You can also tap **Frame rate** to select the desired frame rate.

- Select the space-saving video format: Tap  and turn on **Efficient video format**. With this switch is on, the phone will use a more efficient video format to help you save storage space. However, other devices may not be able to play this format, so please choose according to your actual needs.

 Not all products support the above features, please refer to your product for details.

- 3** Tap  to start shooting.

When you are recording, long press  or  to zoom in or out the screen.

Tap  to capture the current frame.

- 4** Tap  to pause shooting, tap  to end shooting.

Use Bluetooth Headphones for Sound Recording While Shooting Videos

- 1 Connect the phone to Bluetooth headphones.
- 2 After successful connection, the drop-down phone notification bar will be displayed. Tap , in the pop-up list of audio devices, select the audio channel of the Bluetooth headphones.
- 3 Open **Camera** and select **VIDEO** mode.
- 4 Point the lens at the target to be photographed and tap  to start shooting. When recording with a phone, only the sound received by the Bluetooth headphones is included.
- 5 Tap  to end shooting.

 This feature is not supported by some Bluetooth headphones, please refer to the use manual for your headphones.

Time-Lapse Photography

Use Time-Lapse to Create a Short Video

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

- 1 Go to **Camera > MORE** and select **TIME-LAPSE** mode.
- 2 Place your phone in position. To reduce camera shake, use a tripod to steady your phone.
- 3 Touch  to start recording, then touch  to end the recording.

The recorded video is automatically saved to Gallery.

Adjust Camera Settings

Adjust Camera Settings

You can adjust the camera settings to take photos and videos more quickly.

 The following features may not be available in some camera modes.

Adjust the Aspect Ratio

Go to **Camera** >  > **Aspect ratio** and select an aspect ratio.

 This feature is not available in some modes.

Enable Location Tag

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

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

Add Device Watermarks

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

 Adding a device watermark to videos is not supported on certain phones.

Use the Assistive Grid to Compose Your Photos

Use the assistive grid to help you line up the perfect shot.

- 1** Enable **Assistive grid**. Grid lines will then appear in the viewfinder.
- 2** Place the subject of your photo at one of the intersecting points, then touch the shutter button.

Enable Mirror Reflection

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

Mute the Shutter Sound

Enable **Mute** to mute the camera shutter sound.

 This feature is only available in some countries and regions.

Capture Smiles

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

Use the Horizontal Level for Better Compositions

Enable **Horizontal level** to display a horizontal guiding line on the viewfinder.

When the dotted line overlaps with the solid line, it indicates that the camera is parallel with the horizontal level.

Manage Gallery

View Photos and Videos

In Gallery, you can view, edit, and share your photos and videos.

View by Shooting Time

Open **Gallery**. On the **Photos** tab, pinch in on the screen to switch to the monthly view and pinch out to switch to the daily view.

You can also drag the track ball on the edge to view the time.

View by Album

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

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

View Details About Photos and Videos

- 1 In Gallery, touch a photo or video to view it in Full screen mode. Touch the screen again to hide the menu.
- 2 When in Full screen mode, touch  to view details about the photo or video, such as the storage path, resolution, and size.

Edit Photos and Videos

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

Basic Editing

- 1 Open **Gallery**, touch the thumbnail of the photo you want to edit, then touch  to access the editing features.
 - Crop and rotate: Touch **Crop**, select a frame, then drag the grid or its corners to select which part you want to keep.
To rotate the photo, touch **Crop** and drag the angle wheel to the desired orientation.
To rotate the photo by 90 degrees, touch . To mirror the photo, touch .
 - Add a filter effect: Touch **Filter** to select a filter.
 - Adjust photo effects: Touch **Adjust** to adjust the brightness, contrast, saturation, and other aspects of the photo.

- Other: Touch **More** to edit the photo in other ways, such as by adding a color splash, blur, doodle, or text element.

2 Touch  or  to save your edits.

Add Stickers to Photos

- 1** In Gallery, touch a photo, then go to  > **More** > **Stickers**.
- 2** Select the type of sticker you want to add, such as **Time**, **Weather**, or **Mood**.
- 3** Select a sticker and drag it to change its position. You can also edit the text of some types of stickers.
- 4** Touch  to save your edits and touch  to save the photo.

Pixelate Photos

- 1** In Gallery, touch a photo, then go to  > **More** > **Mosaic**.
- 2** Select a mosaic style and size to cover parts of the photo.
- 3** To remove the mosaic, touch **Eraser** and wipe it off the photo.
- 4** Touch  to save your edits and touch  to save the photo.

Rename Photos

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

Collage

You can use the collage feature in Gallery to quickly combine multiple photos into one for easier sharing.

- 1** You can access the collage feature in either of the following ways:
 - On the **Discover** tab, touch **Create collage**, select the desired photos, then touch **CREATE**.
 - On the **Photos** or **Albums** tab, touch and hold to select desired photos, then go to  > **Collage**.
- 2** Select a template. You can then:
 - Relocate a photo: Touch and hold the photo and drag it to a different position.
 - Adjust the displayed portion of a photo: Slide on the photo, or pinch in or out on it so that only the desired part is displayed in the grid.

- Rotate a photo: Touch the photo, then touch  to rotate it or  to flip it.
- Add or remove borders: By default, borders are displayed between photos and along the grid edges. To remove them, touch **Frame**.

- 3 Touch  to save the collage.
To view the saved collage, go to **Albums > Collages**.

Share Images and Videos

Go to **Albums**, you can share images and videos in the following ways:

- Share a single image or video: Tap an image or video and tap  to share.
- Share multiple images or videos: In an album, long press an image or video to enter multi-selection mode, select multiple images and videos and tap  to share.

Safe Photo Sharing

Safe Photo Sharing helps you remove information such as photo location and shooting data to avoid privacy leakage when sharing.

- 1 Go to **Gallery > Albums**.
- 2 Select one or more photos and tap .
- 3 Check the message on the top left of the sharing screen. If privacy protection is not enabled, tap **Privacy options**, **Privacy options** window will appear, follow the on-screen prompts to enable this feature to share photos safely.

Organize Albums

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

Add Albums

- 1 Go to **Gallery > Albums**.
- 2 Touch , name the album, then touch **OK**.
- 3 Select the photos or videos you want to add, and then move or copy them to the album.

Sort Albums

- 1 Go to **Gallery > Albums > ** and touch **Sort albums**.
- 2 Drag  next to an album to the desired position. Touch **Reset** to reset the albums to the default order.

Move Photos and Videos

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

- 2 Touch  > **Move** to select the desired album.
 - 3 Once the items are moved, they will no longer be in their original album.
-  The **All photos** and **Videos** albums show all photos and videos stored on your device.
- Moving items across albums will not remove them from these albums.

Delete pictures and videos

Long press to select the picture, video, or album you want to delete, then tap **Delete > Delete**.

-  Some system preset albums cannot be deleted, such as **All photos**, **My favorites**, **Videos**, and **Camera**.

Deleted pictures and videos will remain in the **Recently deleted** album for some time before permanently deleted.

To permanently delete a picture or video within the retention period, go to **Recently deleted**, long press to select the picture or video you want to delete, then tap **Delete > Delete**.

Recover Deleted Photos and Videos

In the **Recently deleted** album, touch and hold to select the items you want to recover, then

touch  to restore them to their original albums.

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

Add Photos and Videos to Favorites

Open a photo or video, then touch .

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

Block Albums

Block third-party app albums to prevent them from being displayed in Gallery.

- 1 In the **Others** list, touch the album you want to block.
 - 2 If  is displayed at the top, it indicates that the album can be blocked. Go to  > **Block**. Blocked albums can only be viewed in **Files**.
 - 3 To unblock an album, open the **Others** list, touch **View blocked albums**, then touch **Unblock** next to the album.
-  Only some albums in **Others** can be blocked.

Hide Album

If you have private pictures and videos that you do not want to show in the album, you can hide them.

In **Albums** tab, tap an album, long press to select the picture or video you want to hide and tap

⋮ > **Hide** > **OK**.

Selected pictures and videos will be hidden. You can:

- In **Albums** tab, tap ⋮ > **Hidden items** to view the hidden pictures and videos.
- Long press to select a picture or video in **Hidden items** and tap **Unhide**.

After unhiding, pictures and videos will be restored to the original album.

 Pictures and videos in shared albums cannot be hidden, please refer to the actual situation.

Vlog Editor

Vlog Editor

You can also select photos and videos yourself to create your own Vlogs.

Either way, you can edit and share your Vlogs at the touch of a finger.

Share Vlogs

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

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

Apps

Apps

App Basics

Uninstall an App

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

- When using the **Standard** style home screen, touch and hold the app icon on the home screen, then touch **Uninstall** and follow the instructions.
- When using the **Drawer** style home screen, touch and hold the app icon in the drawer, then touch **Uninstall** and follow the instructions.
- Go to **Settings > Apps > Apps**, touch the app, then touch **Uninstall**.

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

Manage Background Apps

1 Access the recent tasks screen using either of the following methods, depending on the navigation method you are using:

- **Gestures:** Swipe up from the bottom of the screen and hold.
- **Three-key navigation:** Touch .

2 On the recent tasks screen, you can:

- Swipe across to view app previews.
- Touch an app preview to access an app.
- Swipe up on an app preview to close an app.
- Swipe down on an app preview to lock it.  will appear at the top of the app preview.

Touching  will not close this app.

- Swipe down again to unlock it.  will disappear.
- Touch  to close all apps (except for those you have locked).

Clear the Cache of an App

Delete app cache files to free up storage space.

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

Phone

Make a Call

Dial a Number or Select a Contact to Make a Call

Use either of the following methods to make a call:

- Open **Phone**, enter part of a phone number, the first letter of a contact's name, or a contact's initials to find a contact, then touch to make a call.
- Open **Phone**, touch the **Contacts** tab, then search for a contact or select a contact in the contact list to make a call.

Touch  to end the call.

Use Speed Dial

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

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

Press the Power Button to End a Call

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

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

Set a Call Background

To set a wallpaper as the call background, do the following:

- 1 Go to **Settings** > **Home screen & wallpaper** > **Wallpaper**.
- 2 Select a picture and set it as the wallpaper.

You can also set a profile picture for a contact to be shown on the call background.

- 1 Open **Phone**, touch the **Contacts** tab, then select a contact.
- 2 Touch  and then  to set a profile picture for the selected contact.

Make an International Call

- 1 Contact your mobile carrier to activate and inquire about the international calling service.
- 2 Open **Phone**, touch the **Contacts** tab, then select a contact to make a call.
- 3 For numbers that are not in the contacts list, open the dialer and hold the **0** number key until the **+** icon is displayed. Enter the country code and phone number, then touch  to make an international call.

Use VoWiFi for a Brand New Calling Experience

The VoWiFi function enables you to make calls on a Wi-Fi network. You can even make VoWiFi calls in Airplane mode.

- 1 This function requires support from your mobile carrier. Contact your carrier to activate the VoWiFi function.
- 2 Go to **Phone** >  > **Settings** > **Wi-Fi Calling**, then enable **Wi-Fi Calling**.

Manage Incoming Calls

You can use the call waiting feature to answer incoming calls when you are already engaged in a previous call.

If you cannot answer a call because your phone is faulty or the network signal is poor, you can also set call forwarding to forward calls to another number or device.

Answer or Reject an Incoming Call

If you receive a call when the screen is locked:

- Drag  right to answer the call.
- Drag  left to reject the call.
- Touch  to reject the call and reply with a message.
- Touch  to set a reminder for calling back.

If you receive a call when the screen is unlocked:

- Touch  to answer the call.
- Touch  to reject the call.
- Touch  to reject the call and reply with a message.
- Touch  to set a reminder for calling back.

Enable Call Waiting

The Call waiting feature lets you answer an incoming call when a call is already in progress by placing the first call on hold. This feature requires the support of your carrier. For details, contact your carrier.

Go to **Phone** >  > **Settings** and then go to **More** > **Call waiting**.

-  If your phone has two SIM cards installed, configure the settings for SIM 1 and SIM 2 respectively.

This feature may vary depending on your carrier.

Answer a New Incoming Call During a Call

- 1 When you receive an incoming call when you are already engaged in a previous call, touch  to answer it.
- 2 Touch , or touch a held call in the call list to switch between the two calls.

Enable Call Forwarding

After the Call forwarding feature is enabled, calls that meet your pre-set conditions will be automatically transferred to a specified phone number. This feature requires the support of your carrier. For details, contact your carrier.

- 1 Open **Phone**, go to  > **Settings**, and touch **Call forwarding**.
 - 2 Select and enable a forwarding method, then enter and confirm the target number.
-  If your phone has two SIM cards installed, configure the settings for SIM 1 and SIM 2 respectively.
- This feature may vary depending on your carrier.

Disable Call Forwarding

- 1 Open **Phone**, go to  > **Settings**, and touch **Call forwarding**.
- 2 Select the forwarding mode and disable it.

Filter and Block Spam Calls

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

Filter Spam Calls

- 1 Go to **Phone** >  > **Blocked** >  .
Alternatively, go to **Optimizer** > **Blocked** >  .
- 2 Touch **Call block rules** and toggle on the switches of corresponding block rules.

Block Incoming Calls from Specific Numbers

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

- Go to **Phone** >  > **Blocked** >  > **Blocklist**, touch , then add the phone numbers you want to block.
- Open **Phone**, touch the **Contacts** tab, touch the contact you want to block, then choose  > **Block contact**.

Set Whether to Receive Notifications for Blocked Calls

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

Manage Blocked Calls

On the Blocked screen, you can manage blocked calls, such as by calling back numbers, deleting records, or submitting appeals if a number has been incorrectly marked.

Go to **Phone** >  > **Blocked**. You can then:

- Touch a record and select **Call** to call back numbers, select **Add to trustlist** or **Add contact**, or touch **Delete** to delete call records.
- Touch **Clear** to delete blocked calls in batches.
- Touch **Block rules** to change the block rules.

Emergency SOS and Calls

Use Emergency SOS

If you are in an emergency situation, you can quickly and secretly send an SOS message or make an SOS call to your emergency contacts.

- 1** Go to **Settings** > **Security** > **Emergency SOS**, and touch **Emergency contacts** to add an emergency contact.
- 2** Enable **Also send SOS message** and **Auto-SOS call**, and set related permissions as prompted.

Once you have enabled the Emergency SOS feature and you are in an emergency situation, press the Power button five times in quick succession and your phone will automatically send a message with your current location to your emergency contacts. It will also automatically call your emergency contacts one by one and play a pre-recorded SOS message, then end the call automatically.

If **Auto-SOS call** is disabled, after the message is sent, your phone will bring up the emergency call screen, from which you can quickly call an emergency service or one of your emergency contacts.

Make Emergency Calls

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

 The emergency call feature is subject to local regulations and individual mobile carriers. Network issues or other types of interference may lead to emergency calls not working.

- 1** From the lock screen, access the screen for entering your password, and touch **Emergency**. If you are in an area with a good signal and your phone has an Internet connection, it will automatically obtain your location and display it on the screen.

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

Perform In-call Operations

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

- Touch  to switch the audio channel to the speaker.
- Touch  to start another call. This feature requires the support of your carrier. For details, contact your carrier.
- Touch  to use the dialer.
- During a call, you can hide the call screen and access other apps by returning to the previous screen or home screen using the current navigation mode on your phone.
To return to the call screen, touch the green icon in the status bar.
- Touch  to end a call.

Calendar

Use Events

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

Add Schedules

- 1 Go to **Calendar**, then tap .
- 2 Enter details such as title, location, start and end time of the schedule.
- 3 Tap **ADD REMINDER** to set a reminder for the schedule.
- 4 Tap  to save the schedule.

Search for an Event

- 1 On the **Calendar** screen, touch .
- 2 Enter keywords of your event in the search box, such as the title and location.

Share Schedules

- 1 Open the **Calendar** screen, then tap a schedule under View or Schedule.

- 2** Tap **Share**, then follow the on-screen instructions to share your schedule in the way you prefer.

Delete Schedules

You can delete schedules using either of the following methods:

- On the **Calendar** screen, tap the schedule you want to delete, then tap **Delete**.

Set a Calendar Notification

Set the calendar notification type according to your requirements. You can set status bar notifications, banner notifications, and ringtone notifications. After setting the default reminder time, your phone will send a notification at the specified time.

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

- Touch **Default reminder time** or **Reminder time for all-day events** to set a reminder time.
- Touch **Notifications** and enable **Allow notifications**. Then follow the onscreen instructions to set a notification type.

Customize Calendar View Settings

You can customize calendar view settings, such as by specifying the start day of the week, and whether to show week numbers.

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

2 Select the start day of the week, or enable the switch to show week numbers.

Set Alternate Calendars

You can switch to other calendars, such as the Chinese lunar calendar or the Islamic calendar.

Go to **Calendar** >  > **Settings** > **Alternate calendars**, and select a calendar you want to use.

View National/Regional Holidays

View national/regional holidays in the calendar to help plan your trip.

1 Go to **Calendar** >  > **Settings** > **National/Regional holidays**.

2 Turn on the switch of a country/region, and your phone will automatically download holiday information for that country/region and display it in Calendar.

Clock

Set Alarms

You can set alarms to play a sound or vibrate at specific times.

Add an alarm

- 1 Go to **Clock > Alarm**, tap  to add an alarm.
- 2 Follow the prompts to set the ringtone, repeating interval, etc.
- 3 Tap  to save the settings.

Modify or Delete an Alarm

Touch an existing alarm to modify or delete it.

Snooze an Alarm

If you don't want to get up when an alarm rings, simply touch the snooze button or press the Power button.

The snooze length is set when creating the alarm.

Turn Off an Alarm

When an alarm rings, swipe left or right on the button that appears at the bottom of the screen to turn it off.

Use the Timer or Stopwatch

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

Timer

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

Stopwatch

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

Display Dual Clocks on the Lock Screen

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

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

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

Notepad

Create a Note

To help you quickly keep a track of your thoughts and inspirations, you can create notes using the Handwrite (to write or draw content) and Scan document modes.

Add Content to a Note

- 1 Go to **Notepad > Notes** and touch .
- 2 Enter the title and content of the note. You can then perform the following:
 - Touch  to add a checklist.
 - Touch  to change the text style, paragraph alignment, and background.
 - Touch  to insert a picture. Touch and hold the picture, then drag it to the desired position in the note.
 - To organize your notes for easier access and viewing, touch  after finishing to add a tag for it.
- 3 Touch  to save the note.

Create To-dos

You can create to-dos to keep a track of day-to-day essentials, such as daily shopping lists, tasks at work, and household chores.

Add a To-do Item

You can add a to-do item and set a time reminder for it.

If you have marked the to-do item as important, you will be prompted with a full-screen reminder when the screen is locked.

- 1 Go to **Notepad > To-dos** and touch .
- 2 Enter your to-do item.
- 3 Touch , set a time, and touch **OK**.
- 4 Enable  to mark the to-do item as important.
- 5 Touch **Save**.

 This feature may vary by device.

Set Repeated Reminders for a To-do Item

If you specify a time for a to-do item, you can select a repeat mode for it (for example, **Never**, **Every day**, **Every week**, **Every month**, or **Every year**), and your phone will repeatedly prompt you to complete the to-do item at the specified time.

Manage Your Notepad

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

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

Use App Lock for Notepad or Lock a Note

Enable the app lock for Notepad: Go to **Settings > Security > App Lock**, enter the lock screen password or customize the app lock password as prompted, and then turn on the switch next to Notepad.

Sort Notepad Items by Category

To sort the notes into different folders by category, you can add labels in different colors.

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

- On the **All notes** screen, swipe left on an item, select  or  to move this item to the top, or add a star mark to it.
- On the **All notes** or **All to-dos** screen, swipe left on an item, touch , and select a notebook for this item.
- Touch and hold a note or to-do item, select the ones you want to classify under the same category, then touch .

 Items in an Exchange account cannot be moved.

Sync Notepad Items

Swipe down from the Exchange mail list to sync the notes and tasks from the current account to Notepad. The corresponding notes and to-do items will then be generated automatically.

A folder named after the Exchange account will be automatically generated in Notepad.

Share Notepad Items

You can share Notepad items in the following ways:

- To share a single note or to-do item, open the one you want to share from the **All notes** or **All to-dos** screen, touch , and share it as prompted.

Notes can be shared by touching **As image**, **As text**, **Export as document**, or **To another device**.

 After touching **Export as document**, you can choose to export the note as a TXT or HTML file, which will be saved to **Files > Browse > Phone > Documents > NotePad** by default.

- To share multiple notes, on the **All notes** screen, touch and hold a note, and select the ones you want to share. Then touch  and share them as prompted.

Print Notepad Items

- 1 On the **All notes** screen, open the item you want to print.
- 2 Go to  > **Print**, then select a printer and configure printing settings as prompted.

Delete Notepad Items

You can delete Notepad items using either of the following methods:

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

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

Recorder

Recording

- 1 In the **Tools** folder, open **Recorder**, and touch  to start a recording.
- 2 During a recording, you can touch  to add a tag.
- 3 When you are finished, touch  to stop recording.
- 4 You can also touch and hold a recording, then share, rename, or delete it.

Recordings are saved under **Files > Browse > Phone > Sounds**.

Play a Recording

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

On the recording playback screen, you can:

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

- Touch a tag to rename it.

Edit a Recording

- 1 On the **Recorder** home screen, touch a recording.
- 2 Touch  to display the waveform of the recording.
- 3 Drag the start and end bars to adjust the clip length. Pinch your fingers on the waveform to zoom in or out to adjust the clip length more precisely.
- 4 Touch  and select **Keep selected part** or **Delete selected part**.

Share Recordings

- 1 On the **Recorder** home screen, touch the recording you want to share.
- 2 Go to  > **Share**.
- 3 Select your preferred sharing method and follow the onscreen instructions to share the recording.

Email

Add Email Accounts

Add your email account in **Email** to start using your phone for convenient email access.

Add a Personal Email Account

- 1 Open **Email** on your phone, then select from the available mailbox providers.
- 2 Enter your email address and password, touch **Sign in**, and follow the onscreen instructions to complete configuration. The system will automatically connect to the server and check the server settings.

Add an Exchange Account

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

- 1 Contact the administrator of the company email server to obtain the domain name, server address, port number, and security type.
- 2 Open **Email** and select **Exchange**.
- 3 Enter the email address, user name, and password.
- 4 Touch **Manual setup**. On the **Account setup** screen, enter the email domain name, server address, port number, and security type.
- 5 Touch **Next**, then follow the onscreen instructions to complete configuration. The system will automatically connect to the server and check the server settings.

Set Email Notifications

Set a notification mode for your emails as needed.

- 1 Go to **Email** >  > **Settings** > **General** > **Notifications**, and enable **Allow notifications**.
- 2 Select the email account you want to set notifications for, turn on the **Allow notifications** switch, then select a notification mode.

Calculator

Calculator

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

Use the Basic Calculator

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

- Find **Calculator** in the **Tools** folder.
- Swipe up from the bottom of the lock screen to display the shortcut panel, then touch  to open the calculator.

Use the Scientific Calculator

Open the calculator and go to  > **Scientific**.

Copy, Delete, or Clear Numbers

- Copy a calculation result: Touch and hold the calculation result, touch **Copy**, then paste the result somewhere else, such as in a note or message.
- Delete the last digit: Touch .
- Clear the display: Touch . You can also touch  to clear the display after touching  to complete the calculation.

Flashlight

Flashlight

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

- Swipe down from the status bar to open the notification panel, and touch  to turn the flashlight on or off.



- Swipe up from the bottom edge of the lock screen to display the shortcut panel, and touch  to turn the flashlight on or off.

When turned on, a notification indicating that the flashlight has been turned on will be displayed on the lock screen. Touch  to turn off the flashlight.

Compass

Use compass

The compass displays the orientation of the phone and the latitude and longitude of its current position.

- 1 You can open the compass **Compass** in the **Tools** folder.
- 2 View the orientation and coordinates.
 - Place the phone horizontally, the orientation and the current latitude and longitude will be displayed on the screen.
 - Place the phone vertically, the orientation and the current latitude and longitude will be displayed under a live scene.
- 3 To lock the current orientation, tap the graduated disc of the compass. A blue graduated area will be displayed when the orientation deviates from the original.

To obtain more accurate orientation information, please try to keep the compass horizontal or vertical to the ground without angular deviation.

Mirror

Use Your Phone as a Mirror

You can use your phone as a mirror to check how you look.

Go to **Tools > Mirror**. You can then:

- Zoom in or out: Drag the zoom slider at the bottom. You can also touch the screen twice to zoom in and touch it twice again to restore the original view.
- Save the image: Touch the screen to pause on the current image. Touch the screen again to resume. When the image is paused, touch  to save the image. You can find the saved image in **Gallery**.

- Adjust mirror brightness: Touch  or  at the top of the screen.
- Fog up the screen: Touch  and enable **Blow**. Then blow air into the microphone so that the screen fogs up. Wipe the screen to clear the fog.

- Change the mirror frame: Touch  to switch to a different frame.
- Create a broken mirror effect: Touch and hold the screen to "break" the mirror, complete with a sound effect. Touch the screen again to "fix" the mirror.

Optimizer

Clean Up Phone Storage

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

- 1 Open **Optimizer** , then touch **Cleanup**.
- 2 When the scan is complete, touch **CLEAN UP** after each item and delete any files you don't need.

Automatically Clean Up System Trash

- 1 Open **Optimizer** , and touch **Cleanup**.
- 2 Swipe down from the top of the screen, and your phone will automatically clean up system trash.

Manually Clean Up System Trash

In addition to automatic cleanup, your phone will also detect and recommend trash files for you to clean up manually.

On the **Cleanup** screen, touch **CLEAN UP** next to a category, select the items you want to clean up, then touch **DELETE**.

Clean Up Duplicate Files

Optimizer can identify duplicate files on your phone.

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

Manage Data Usage

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

View and Manage High Data Consumption Apps

- 1 You can find out how much data your apps are using in comparison to each other by going to **Data usage this month** on the Data usage screen.
- 2 Touch a high data consumption app to set mobile data, roaming data, or background data usage limits for it.

View and Set the Network Access Permission of an App

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

Enable or Disable Smart Data Saver

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

- 1 On the Data usage screen, touch **Smart Data Saver**, then enable it. The  icon will then display in the status bar.
- 2 If you want to allow unrestricted access to data for some apps even when they are running in the background, toggle on the switches for these apps.

Add Mobile Data Usage Reminders

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

- 1 On the **Data usage** screen, go to **More data settings** > **Monthly data limit** and follow the onscreen instructions to add a data plan.
- 2 On the **More data settings** screen, touch **Usage reminders**. From there, you can set whether a notification will be sent or if mobile data will be disabled once the monthly data limit or roaming data limit has been topped.
- 3 On the **More data settings** screen, you can set whether to **Show data used when the screen is locked**.

Filter and Block Spam Calls

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

Filter Spam Calls

- 1 Go to **Phone** >  > **Blocked** > .

Alternatively, go to **Optimizer** > **Blocked** > .

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

Block Incoming Calls from Specific Numbers

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

- Go to **Phone** >  > **Blocked** >  > **Blocklist**, touch , then add the phone numbers you want to block.
- Open **Phone**, touch the **Contacts** tab, touch the contact you want to block, then choose  > **Block contact**.

Set Whether to Receive Notifications for Blocked Calls

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

Manage Blocked Calls

On the Blocked screen, you can manage blocked calls, such as by calling back numbers, deleting records, or submitting appeals if a number has been incorrectly marked.

Go to **Phone** >  > **Blocked**. You can then:

- Touch a record and select **Call** to call back numbers, select **Add to trustlist** or **Add contact**, or touch **Delete** to delete call records.
- Touch **Clear** to delete blocked calls in batches.
- Touch **Block rules** to change the block rules.

Device Clone

Use Phone Clone to Move Data to Your New Device

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

Migrate Data from an Android Device

- 1 On your new phone, open the **Device Clone** app. Alternatively, go to **Settings** > **System & updates** > **Device Clone**, touch **This is the new device**, then touch **Honor** or **Other Android**.
- 2 Follow the onscreen instructions to download and install **Device Clone** on your old device.
- 3 On your old device, open the **Device Clone** app and touch **This is the old device**. Follow the onscreen instructions to connect your old device with your new phone by scanning a code or connecting manually.
- 4 On your old device, select the data you want to clone, then touch **Transfer** to start cloning.

 **Device Clone** is only available on phones running Android 7.0 or later.

Migrate Data from an iPhone or iPad

- 1 On your new phone, open the **Device Clone** app. Alternatively, go to **Settings** > **System & updates** > **Device Clone**, touch **This is the new device**, then touch **iPhone/iPad**.
- 2 Follow the onscreen instructions to download and install **Device Clone** on your old device.
- 3 On your old device, open the **Device Clone** app and touch **This is the old device**. Follow the onscreen instructions to connect your old device with your new phone by scanning a code or connecting manually.

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

 **Device Clone** is only available on phones running iOS 8.0 or later.

Tips

Tips

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

Introduction to **Tips** sections:

- Vividly depicted cards: Browse through the easy-to-read cards that contain a short clip or image to quickly get to grips with all the most useful features on your phone. The cards are categorized so you can jump directly to a category you are interested in.

Main functions provided by **Tips**:

- Search: Find what you are looking for by searching for it in the search bar of **Tips**. The search results will also include related topics you may want to know about.
- Like and dislike: Rate the cards and give your feedback.
- Try out features: A **TRY NOW** button is available in certain cards for you to try out the feature immediately.

 The feature availability varies by device.

Settings

Wi-Fi

Introduction to Wi-Fi

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

Connect to a Wi-Fi Network

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

- 1 Go to **Settings > Wi-Fi**, and enable **Wi-Fi**.
- 2 Connect to a Wi-Fi network on the **Wi-Fi** screen using either of the following methods:
 - Select a Wi-Fi network to connect to under **Available networks**. A password is required for encrypted networks.
 - To manually add a Wi-Fi network, scroll down to the bottom of the screen, touch **Add network**, and enter the SSID and password as prompted to complete the connection.

The  icon displayed in the status bar indicates that the phone is connected to Wi-Fi .

Transfer Data Using Wi-Fi Direct

You can use Wi-Fi Direct to transfer data between HONOR devices. Wi-Fi Direct allows you to transfer large files to a nearby device more quickly than Bluetooth and without having to pair the devices.

- 1 On the receiving device, go to **Settings > Wi-Fi** and enable **Wi-Fi**.
- 2 Go to **More settings > Wi-Fi Direct** to start searching for nearby devices that have enabled Wi-Fi Direct.
- 3 On the sending device, touch and hold to select the files you want to share, touch  , and select **Wi-Fi Direct**.

 These steps may be different if you are sharing files directly from an app.

- 4 Touch the icon of the receiving device to establish a connection, then share the files.
- 5 On the receiving device, accept the Wi-Fi Direct transfer request.

Then go to **Files > Browse > Phone > Wi-Fi Direct** to view the received files.

Select a Network Using Wi-Fi+

When Wi-Fi+ is enabled, if your phone detects a Wi-Fi network that it has previously connected to or is free, it will automatically enable Wi-Fi and connect to the network. Your phone will also

evaluate the quality of the current Wi-Fi network and switch to mobile data if the Wi-Fi signal is poor.

- 1 Go to **Settings > Wi-Fi**.
- 2 Touch **More settings** and enable or disable **Wi-Fi+**.

Bluetooth

Bluetooth

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

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

Enable or Disable Bluetooth

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

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

Set a Bluetooth Name

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

- 1 On the **Bluetooth** settings screen, toggle the **Bluetooth** switch on.
- 2 Touch **Device name**, enter a name, then touch **OK**.

Pair with a Bluetooth Device

- 1 Enable Bluetooth on the target device and set it to discoverable. For detailed instructions, refer to the device's user guide.
- 2 From your phone, access the **Bluetooth** settings screen, and enable **Bluetooth** to have your phone automatically search for nearby Bluetooth devices.
- 3 From the list of **Available devices**, select the one you want to pair your phone with, and follow the onscreen instructions to complete pairing.

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

Transfer Files via Bluetooth

You can use Bluetooth to transfer videos, pictures, contacts, and more to another device provided that both devices are within the effective Bluetooth range.

- 1 Pair the sending and recipient devices via Bluetooth.

- 2 On the sending device, touch and hold a file, select the files you want to share, touch , and select **Bluetooth**.

 Operations may vary if you are sharing files from apps directly.

- 3 Touch the Bluetooth name of the recipient device to start sharing.
- 4 On the recipient device, accept the Bluetooth transfer request.

Unpair a Bluetooth Device

- 1 On the **Bluetooth** settings screen, enable the **Bluetooth** switch.
- 2 In the list of **Paired devices**, touch  next to the name of the device you wish to unpair, then touch **Unpair**.

Mobile Network

Connect to Mobile Data

- 1 Make sure that mobile data is available on your SIM card.
- 2 Connect to mobile data using either of the following methods:
 - Swipe down from the status bar to open the notification panel, then swipe down again to show all shortcuts. Turn on **Mobile data**.
 - Go to **Settings > Mobile network > Mobile data**, and enable **Mobile data**.

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

Manage SIM Cards

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

Enable or Disable a SIM Card

Go to **Settings > Mobile network > SIM management**, and enable or disable a SIM as needed. Once disabled, a SIM card cannot be used for calling, messaging, or accessing the Internet.

Name Your SIM Card

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

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

Configure Dual SIM Settings

If your phone has two SIM cards inserted, you can set the default mobile data SIM and the default calling SIM, and enable call forwarding between the two SIM cards.

 This feature applies to dual-SIM devices only.

Set the Default Mobile Data and Default Calling SIM Cards

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

Enable Call Forwarding Between SIM Cards

After enabling call forwarding for both SIM cards, if incoming calls cannot reach one of the SIM cards, they will be forwarded to the other one.

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

- 1 Go to **Settings > Mobile network > SIM management > Call forwarding between SIMs**.
- 2 Select a call forwarding mode and turn on the corresponding switch.
Call forwarding between two SIM cards will be enabled when it is configured for both SIM cards.

Quickly Switch the Default Mobile Data SIM

If two SIM cards have been installed on your phone, you can use a shortcut to quickly switch the default mobile data SIM card.

- 1 Swipe down from the status bar to open the notification panel, then swipe down again to show all shortcuts. Turn on **Mobile data**.
- 2 Touch the text under  until a prompt is displayed, then select a SIM card and touch **OK**.

 When the prompt is displayed, touch **Settings** to access the **SIM management** screen.

Share Your Network Connection with Other Devices

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

Share Your Network via Personal Hotspot

-  • The settings items vary by device. If your phone does not provide a specific item, it indicates that the corresponding feature is not supported.
- Please note that some Wi-Fi connections that require authentication cannot be shared.

Go to **Settings > Mobile network > Personal hotspot** and enable **Personal hotspot**. The mobile data or established Wi-Fi connection of your phone can then be shared with other devices by hotspot.

You may also change the following settings of your personal hotspot:

- Tap **Device name** to change the name of your personal hotspot for easy recognition.
- Tap **Password** to change the hotspot password.

- Tap **Connected devices** to view the **Connected devices** list and **Blocklist**. Tap a device in the **Connected devices** list and follow instructions to add it into **Blocklist**, or you can remove devices from **Blocklist**.
- If you are sharing mobile data, you can also tap **More** to set the **Data limit** and **AP band** of the hotspot.

Share Your Network via Personal Hotspot

-  The settings items vary by device. If your phone does not provide a specific item, it indicates that the corresponding feature is not supported.
- Some Wi-Fi networks that require authentication cannot be shared.

Go to **Settings > Mobile network > Personal hotspot**, and enable **Personal hotspot**. The mobile data or Wi-Fi network connection of your phone will then be shared with other devices.

You can also perform the following for the personal hotspot:

- Set **Device name**.
- Set **Password**.
- Touch **Connected devices** to view the connected devices list and blocklist. Touch a device in the **Connected devices** list to move it to the **Blocklist** list as prompted. You can also remove a device from the list.
- If you are sharing a mobile data network, you can also touch **More** to set **AP band**.

Share Your Network via Bluetooth

- 1 Go to **Settings > Bluetooth**, and enable **Bluetooth**. Select a device, then follow the onscreen instructions to complete pairing.
- 2 Go to **Settings > Mobile network > Personal hotspot > More**, and enable **Bluetooth tethering**.
- 3 On the **Bluetooth** settings screen of the paired device, touch  next to the name of your device, then enable **Internet access** to share your network.

Manage Data Usage

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

View and Manage High Data Consumption Apps

- 1 You can find out how much data your apps are using in comparison to each other by going to **Data usage this month** on the Data usage screen.
- 2 Touch a high data consumption app to set mobile data, roaming data, or background data usage limits for it.

View and Set the Network Access Permission of an App

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

Enable or Disable Smart Data Saver

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

- 1 On the Data usage screen, touch **Smart Data Saver**, then enable it. The  icon will then display in the status bar.
- 2 If you want to allow unrestricted access to data for some apps even when they are running in the background, toggle on the switches for these apps.

Add Mobile Data Usage Reminders

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

- 1 On the **Data usage** screen, go to **More data settings** > **Monthly data limit** and follow the onscreen instructions to add a data plan.
- 2 On the **More data settings** screen, touch **Usage reminders**. From there, you can set whether a notification will be sent or if mobile data will be disabled once the monthly data limit or roaming data limit has been topped.
- 3 On the **More data settings** screen, you can set whether to **Show data used when the screen is locked**.

More Connections

Enable or disable Airplane mode

When flying, you can enable Airplane mode as required by the airline. Airplane mode prohibits the phone from receiving calls, sending and receiving text messages, and using mobile data, while other functions can still be used normally.

You can turn Airplane mode on or off in any of the following ways:

- Swipe down from the status bar at the top of the screen to open the notification panel, continue to swipe down to show the whole menu. Tap  **Enable or Disable Airplane mode**.
- Go to **Settings** > **Mobile network** and enable or disable **Airplane mode**.

When Airplane mode is turned on for the first time, the Wi-Fi and Bluetooth of the phone will be automatically turned off.

With your airline's permission, you can manually enable or disable the Wi-Fi and Bluetooth of the phone in Airplane mode, and the phone will keep this setting for the next time you enable Airplane mode.

 Please make sure your device has been updated to the latest system version.

Introduction to NFC

Near Field Communication (NFC) is a short-range wireless communications technology that allows mobile and other electronic devices to connect in countless ways, allowing you to transfer data and make mobile payments easily.

-  • Not all devices support NFC.
- Enable **Read and write/P2P** on the NFC settings screen if available. This feature may vary depending on your carrier.

Enable or Disable NFC

You can enable or disable NFC as follows:

- Swipe down from the status bar to open the notification panel, swipe down further to show all shortcut switches, then enable or disable **NFC**. You can touch and hold **NFC** to access the settings screen.
- Go to **Settings > More connections > NFC**, then enable or disable **NFC**.

Project Your Phone Screen Wirelessly

For security reasons, after projecting your phone screen wirelessly to a large display (such as a TV) for work or entertainment, notifications such as incoming call notifications, SMS messages, and clock alarms will only be displayed on your phone.

- 1** Perform the following based on the model and functions of the large display:
 - **If the large display supports Miracast**, turn on its wireless projection switch.
 - **If the large display does not support Miracast**, connect a wireless HDMI adapter to it. Ensure that the wireless HDMI adapter is connected to a power supply.

 To check whether the large display supports Miracast and how to enable wireless projection on it, consult the user guide or customer service of the large display manufacturer.
- 2** On your phone, swipe down from the status bar to open the notification panel, and turn on .
- 3** Swipe down again to show all shortcuts and enable **Wireless Projection**. Your phone will start searching for available display devices.
- 4** In the device list, touch the name corresponding to the large display or wireless HDMI adapter to complete the projection connection.

After the connection is set up, you can place your phone in landscape mode for a better display.

Alternatively, swipe down from the status bar, and touch **Disconnect**.

HONOR Share

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

Enable or Disable HONOR Share

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

- Swipe down from the status bar to open the notification panel, swipe down on it again to show all shortcuts, then turn on or turn off **HONOR Share**. You can also touch and hold **HONOR Share** to access its settings screen.
- Go to **Settings > More connections > HONOR Share** to enable or disable **HONOR Share**.

Share Files Between Phones with HONOR Share

You can use HONOR Share to quickly share files between HONOR phones. The recipient can preview the files before they are sent, then view the full content of the files once they have been received.

- 1 On the receiving device, enable **HONOR Share**.
- 2 On the sending device, tap and hold to select a file or album you want to share, then tap . Tap **HONOR Share**, then tap the name of the receiving device to send the file.
 These steps may be different if you are sharing files directly from an app.

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

On the receiving device, go to **Files**, tap **Phone > HONOR Share** under the **Browse** tab to view the received file.

Received pictures or videos can also be viewed in **Gallery > Albums > HONOR Share**.

One-Touch Printing with HONOR Share

When a printer that supports HONOR Share is nearby, you can use HONOR Share to find the printer and print out pictures or PDF files stored on your phone.

- 1 Depending on the type of printer, ensure the following:
 - Wi-Fi capable printers: The printer must be powered on and connected to the same network as your phone.
 - WiFi Direct capable printers: The printer must be powered on and have enabled WiFi Direct.
 - Bluetooth capable printers: The printer must be powered on and discoverable via Bluetooth.
- 2 On your phone, preview the file to be printed, then go to **Share > HONOR Share**.

- 3** Once the printer has been discovered, touch its name on your phone, and adjust the settings on the preview screen. Then touch **PRINT** to print.
If you are connecting a Bluetooth printer to your phone for the first time, find the printer on your phone, touch the printer name, then press and hold the Power button on the printer for about 1 second to confirm the connection.
-  For a list of supported printers, touch **Help** on the HONOR Share sharing screen, select **Printers**, then touch **What printers are supported?**.

Print Images and Documents

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

Connect Your Phone to a Printer

- 1** Check the printer manual or consult with its manufacturer to verify that it is Mopria-certified. If it is not, consult with its manufacturer to install the corresponding app or plug-in for it on your phone .
- 2** Connect your phone and the printer to the same Wi-Fi network using any of the following methods:
 - Connect to a Wi-Fi router: Enable Wi-Fi on the printer and connect it to the Wi-Fi router. On your phone, go to **Settings > Wi-Fi**, enable **Wi-Fi**, touch the same Wi-Fi router, and follow the onscreen instructions to complete the settings.
 - Connect with Wi-Fi Direct: If your printer supports Wi-Fi Direct, follow the instructions in the printer manual to enable this feature. On your phone, go to **Settings > Wi-Fi**, enable **Wi-Fi**, go to **More settings > Wi-Fi Direct**, then touch the printer to establish the connection.
 - Connect to your printer's hotspot: If your printer can double as a wireless hotspot, follow the instructions in the printer manual to enable the hotspot and set a password. On your phone, go to **Settings > Wi-Fi**, enable **Wi-Fi**, touch the printer's hotspot, then follow the onscreen instructions to complete the settings.
- 3** Go to **Settings > More connections > Printing > Default Print Service**, and enable **Default Print Service**.
- 4** Select the printer from the search results and follow the onscreen instructions to add the printer.

Print Files

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

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

Home Screen & Wallpaper

Manage the Home Screen Layout

You can customize the home screen layout to suit your phone usage habits.

Rearrange icons on the home screen

Touch and hold an icon until it enlarges, then drag it to the desired position on the home screen.

Keep Home Screen Icons Aligned

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

Lock Home Screen Icon Positions

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

Select the Home Screen Layout Pattern

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

Set Your Home Screen in Settings

You can also go to **Settings > Home screen & wallpaper > Home screen settings**, then enable **Auto-align** and more.

Use folders to organize icons on the home screen

To organize icons on the home screen, put them in folders by categories and name the folders.

- 1 Touch and hold an icon until it enlarges, then drag it to another icon to put them in a new folder.
- 2 Open the folder, tap on the name of the folder and enter a memory-friendly name.

Add App Icons to a Folder or Remove Them

Open a folder and touch . Then you can:

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

Use App Drawer to Store Apps

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

 This feature may vary by device.

Enable App Drawer

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

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

Create shortcuts on the home screen

In the Drawer mode, swipe up on the home screen to display the drawer, touch and hold an app until it enlarges, then drag it to the desired position on the home screen.

Remove application shortcuts on the home screen

Long press the application icon to expand it and tap **Remove**. This operation only removes the shortcut icons on the home screen.

The application remains in the Drawer and is not uninstalled.

Disable the Drawer mode

To switch back to the standard home screen, go to **Settings > Home screen & wallpaper > Home screen style** and select **Standard**.

Display & Brightness

Adjust the Screen Brightness, Color Mode, and Color Temperature

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

Automatically Adjust the Screen Brightness

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

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

Manually Adjust the Screen Brightness

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

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

Adjust the Color Mode

Go to **Settings > Display & brightness > Colour mode & temperature**, and select the color mode that you prefer. **Normal** mode will be easier on your eyes and is therefore recommended.

- **Normal**: natural color tones
- **Vivid**: vivid color tones

Adjust the Color Temperature

Go to **Settings > Display & brightness > Colour mode & temperature**, and select the color temperature that you prefer. **Default** and **Warm** will be easier on your eyes and are therefore recommended.

- **Default**: a natural tint
- **Warm**: a yellowish tint
- **Cool**: a whitish tint
- You can touch anywhere on the color circle or drag the spot to adjust the color temperature.

Use Eye Comfort Mode

Eye comfort mode can effectively reduce harmful blue light and adjust the screen to display warmer colors, relieving eye fatigue and protecting your eyesight.

-  Rest your eyes for at least 10 minutes every half an hour.
 - Look into the distance for your eyes to have a break from the screen and to relieve eye fatigue.
 - Cultivating good eye care habits will protect your vision and prevent near-sightedness.

Enable or Disable Eye Comfort Mode

- Swipe down from the status bar to open the notification panel, swipe down on it again to show all shortcuts, then turn on or turn off **Eye Comfort**. You can touch and hold **Eye Comfort** to access the settings screen.
- Go to **Settings > Display & brightness > Eye Comfort**, and enable or disable **Enable all day**.

Once Eye comfort mode is enabled,  will be displayed in the status bar, and the screen will take on a yellow tint since less blue light is being emitted.

Set a Schedule for Eye Comfort Mode

Go to **Settings > Display & brightness > Eye Comfort**, enable **Scheduled**, then set **Start** and **End** according to your preferences.

Adjust the Color Temperature for Eye Comfort Mode

Go to **Settings > Display & brightness > Eye Comfort**, enable **Enable all day**, then drag the color temperature slider for a cooler or warmer screen color.

Customize Eye Comfort Mode

Go to **Settings > Display & brightness > Eye Comfort**, enable **Enable all day** or set up **Scheduled**, and adjust the slider under **Filter level** to customize how much blue light you would like to be filtered.

Enable Dark mode

You can turn the screen to a darker tone to protect your eyes by reducing stimulation and save power.

You can enable or disable Dark mode in any of the following ways:

- Swipe down from the status bar to open the notification panel (can swipe down further), enable or disable **Dark mode**. Long press **Dark mode** to enter the settings screen.
- Go to **Settings > Display & brightness** and enable or disable **Dark mode**.

Adjust the Screen Refresh Rate

Go to **Settings > Display & brightness > Screen refresh rate**, and select a screen refresh rate that you would like to use.

A high screen refresh rate will help deliver a smoother visual experience.

Full Screen Display

Apply Full Screen Display

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

Show the Notch

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

Hide the Notch

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

Sounds & Vibration

Do Not Disturb Mode

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

Enable or disable Do Not Disturb

You can enable or disable Do Not Disturb in any of the following ways:

- Swipe down from the status bar to open the notification panel (can swipe down further), enable or disable **Do Not Disturb**. Long press **Do Not Disturb** to enter the settings screen.
- Go to **Settings > Sounds & vibration > Do Not Disturb** and enable or disable **Do Not Disturb**.

When Do Not Disturb is on, a moon  icon will be displayed on the status bar. You can check the notifications while in Do Not Disturb in the drop-down notification panel. Swipe left on the notification and tap  to set a delayed reminder.

Your phone will not automatically light up or display banner notifications for incoming calls, notifications, and messages, and is muted.

Set a Schedule for Do Not Disturb

- 1 Go to **Settings > Sounds & vibration > Do Not Disturb**, and disable **Do Not Disturb**.
- 2 Enable **Scheduled**. Your phone will enter Do not disturb mode at the specified time on Saturdays and Sundays by default.
- 3 Touch **Scheduled** to set the time frame and repeat cycle.
- 4 You can also touch **Add** to set multiple start times.

Make Exceptions in Do Not Disturb Mode

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

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

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

Notifications

App Badges

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

Turn Off App Badges

- 1 Go to **Settings > Notifications**, and touch **App icon badges**.
- 2 Turn off the switch for some or all apps.

Change the Badge Display Mode

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

Disable App Notifications

Disable Notifications from a Specific App

If you do not want to be disturbed by notifications from an app, perform either of the following:

- After you receive a notification from the app, swipe left on it in the notification panel, and go to



> **DISABLE NOTIFICATIONS.**

- Go to **Settings > Notifications**, locate and touch the app for which you want to disable notifications, then disable **Allow notifications**.



This feature is unavailable in some apps.

Disable Notifications from Apps in Batches

To disable notifications from multiple apps at a time, go to **Settings > Notifications > Manage all**, and turn off the switch next to each app.

Hide Content of Notifications on the Lock Screen

Stop the content of notifications from being seen by others by hiding it from the lock screen.

Go to **Settings > Notifications**, and enable **Hide notification content**.

More App Notification Settings

Set app notification method

Go to **Settings > Notifications** and select apps, you can then set the notification methods of these apps.

- Enable **Allow notifications** to receive notifications.
- Enable **Bubbles** to view a portion of the notification detail in a pop-up message.



Supported notification methods may vary between apps.

Notifications Turn on Screen

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

Show Notification Icons in the Status Bar

Go to **Settings > Notifications > More notification settings**, and enable **Show notification icons in the status bar**.

Biometrics & Password

Set Fingerprints

You can enroll a fingerprint and then use it to unlock the screen, autofill usernames and passwords, access App Lock, and more.

Rename or Delete a Fingerprint

- 1** Go to **Settings > Biometrics & password > Fingerprint ID** and enter your lock screen password.
- 2** In the **Fingerprint list** section, touch an enrolled fingerprint to rename or delete it.

Identify a Fingerprint

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

- 1** Go to **Settings > Biometrics & password > Fingerprint ID** and enter your lock screen password.
- 2** In the **Fingerprint list** section, touch **Identify fingerprint**.
- 3** Touch the fingerprint sensor with your finger. The recognized fingerprint will be highlighted.

Use Your Fingerprint to Access Your Safe

- 1** Go to **Settings > Biometrics & password > Fingerprint ID** and enter your lock screen password.
- 2** Turn on the switch for **Access Safe** and follow the onscreen instructions to link your fingerprint with the Safe.

Now you can go to **Files > Browse**, touch **Safe**, then use your fingerprint to access it.

Use Your Fingerprint to Access a Locked App

- 1** Go to **Settings > Biometrics & password > Fingerprint ID** and enter your lock screen password.
- 2** Turn on the switch for **Access App Lock** and follow the onscreen instructions to link your fingerprint with App Lock.

You can now touch a locked app on your home screen and use your fingerprint to access it.

Face Recognition

Face Recognition allows you to unlock your phone or access locked apps with your facial data.

Enroll Facial Data

- 1** Go to **Settings > Biometrics & password > Face Recognition**, and enter your lock screen password.
- 2** Select **Enable raise to wake**.
 -  The settings items vary by device. If your phone does not provide a specific item, it indicates that the corresponding feature is not supported.
- 3** Touch **Get started** and follow the onscreen instructions to enroll your facial data.

Set an Alternate Look

You can add an alternate look for more accurate and convenient face recognition.

On the **Face Recognition** screen, touch **Set an alternate look**, and follow the onscreen instructions to enroll the alternate facial data.

Access App Lock with Face Recognition

On the **Face Recognition** screen, enable **Access App Lock**, and follow the onscreen instructions to add your facial data to App Lock.

You can then touch a locked app on your home screen and use face recognition to access the app.

Disable or Delete Facial Data

On the **Face Recognition** screen, you can do the following:

- Disable facial data for certain features: Disable **Unlock device**, or **Access App Lock** as required. This will not delete your facial data.
- Delete facial data: Touch **Delete facial data** and follow the onscreen instructions to delete your facial data.

Lock Screen Password

You can set a numeric, pattern, or hybrid password as your lock screen password.

Set the Lock Screen Password

You can set a numeric, pattern, or hybrid password.

- 1** Go to **Settings > Biometrics & password** and touch **Lock screen password**.
- 2** Enter a password containing 6 digits.
- 3** Alternatively, touch **Change unlock method** and select a password type, then follow the onscreen instructions to input a new password.

Change lock screen password

- 1** Go to **Settings > Biometrics & password** and tap **Change lock screen password**.
- 2** Enter the current lock screen password.

- 3 Then enter a new password, or tap **Change unlock method** to select and enter a new password.

Disable Lock Screen Password

On the **Biometrics & password** screen, go to **Disable lock screen password**.

Apps

View or Change App Settings

Go to **Settings > Apps > Apps** and touch an app. You can force stop it, uninstall it, view and change the app permissions, set notification modes, and more.

 Some apps cannot be uninstalled.

Battery

Power Management

On the **Battery** screen, you can check the estimated battery time remaining, and enable a power saving mode to extend the battery life of your phone.

Enable Power Saving Mode

If **Power Saving mode** is enabled on your device and the battery level is higher than 10%, some functions will be disabled, background apps will be restricted, and visual effects will be weakened to reduce power consumption. When the battery level is lower than or equal to 10%, stricter power saving measures are taken to ensure the longest standby time. It is recommended that you enable **Power Saving mode** when the battery level is lower than or equal to 20%.

To do so, go to **Settings > Battery** (or **Optimizer > **), and enable **Power Saving mode**. A



icon will then be displayed in the status bar.

You can touch **Learn more** to view details about power saving measures.

Enable Smart Charge

Smart Charge learns from your charging habits and manages the charging process intelligently. This feature reduces the battery wear level and prolongs the battery life by reducing the time your device spends fully charged. It is advised that you keep this feature enabled.

For example, if you are used to charging your devices overnight or for an extended period of time, Smart Charge will pause the charging when the battery capacity reaches a certain level. Before you get up in the morning, Smart Charge will resume charging until your device is fully charged. This reduces the time your device spends fully charged to slow down battery wear and prolong the battery life.

 Data about your charging habits will only be used on your device and will not be backed up or uploaded to the cloud.

To enable this feature, go to **Settings > Battery > More battery settings**, and enable **Smart Charge**.

Enable Smart Battery Capacity

Smart Battery Capacity intelligently adjusts the maximum available battery capacity based on the current battery state to slow down battery wear and prolong the battery lifespan. It is advised that you keep this feature enabled.

To enable this feature, go to **Settings > Battery > More battery settings**, and enable **Smart Battery Capacity**.

Battery Settings

You can also set whether or not to display the battery percentage in the status bar, and whether to maintain a network connection when the phone screen is turned off.

Display Battery Percentage in the Status Bar

Go to **Settings > Battery** (or **Optimizer > **), touch **Battery percentage**, and select whether the battery percentage will be displayed inside or next to the battery icon.

Stay Connected While Your Device Is Sleeping

Keep your phone connected to the Internet when it sleeps to continue to receive messages or download data in sleep mode. Please note that this may increase power consumption.

To do so, on the **Battery** screen, touch **More battery settings**, and enable **Stay connected while asleep**.

Storage

Check Storage Usage

Go to **Settings > Storage** to check storage usage and optimize it when you feel necessary.

Clean Up Phone Storage

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

- 1** Open **Optimizer**, then touch **Cleanup**.
- 2** When the scan is complete, touch **CLEAN UP** after each item and delete any files you don't need.

Automatically Clean Up System Trash

- 1 Open **Optimizer** , and touch **Cleanup**.
- 2 Swipe down from the top of the screen, and your phone will automatically clean up system trash.

Manually Clean Up System Trash

In addition to automatic cleanup, your phone will also detect and recommend trash files for you to clean up manually.

On the **Cleanup** screen, touch **CLEAN UP** next to a category, select the items you want to clean up, then touch **DELETE**.

Clean Up Duplicate Files

Optimizer can identify duplicate files on your phone.

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

Security

Use App Lock to Protect Your Privacy

You can lock apps containing private data, such as chat and payment apps, to prevent unauthorized access.

Enable App Lock

Go to **Settings > Security > App Lock > Enable**, then follow the onscreen instructions to set the App Lock password and select the apps to lock.

If you have enabled face or fingerprint unlock, you can link App Lock with a face ID or fingerprint ID as prompted.

 This feature may vary by device.

Change the App Lock Password or Security Questions

Enter the **App Lock** settings screen, go to  > **Password type**, and select **Lock screen password** or **Custom PIN** as the App Lock password.

If you select **Custom PIN**, you can go on to set a new password and security questions.

Cancel or Disable App Lock

On the **App Lock** settings screen, do the following:

- Cancel App Lock: On the list of locked apps, toggle off the switches beside the apps for which you want to cancel App Lock.

- Reset App Lock: Go to  > **DISABLE APP LOCK** > **DISABLE**. This will cancel all locks, and clear all App Lock settings.

Set a SIM PIN Lock

A PIN is the identity code of a SIM card, and can be set as the SIM card lock. After you set it up, you will be required to enter the correct PIN to unlock the SIM card every time you power on your phone or switch to a new phone to prevent unauthorized access.

If you have entered a wrong PIN and exceeded the maximum number of attempts allowed to unlock the PIN, you will need to enter the PIN Unlocking Key (PUK) then reset the PIN. If you exceed the maximum number of attempts allowed to unlock the PUK, your SIM card will be permanently blocked.

The PIN and PUK of your SIM card are provided by your carrier. The number of digits and maximum number of attempts allowed to unlock your PIN and PUK are subject to your carrier.

- 1 Go to **Settings** > **Security** > **More settings** to enter the SIM lock settings screen.
- 2 Enable **Lock SIM card**, enter the PIN, then touch **OK**.
To change the PIN, touch **Change SIM PIN**, and follow the onscreen instructions.

Privacy

Permission management

Apps may require certain permissions, such as the Location permission, in order to provide you with corresponding services.

However, some apps may obtain excessive permissions, posing potential risks to your information privacy and security. You can check the permissions granted to each app and deny those you deem unnecessary.

Manage the Location Permission

After granting the Location permission to an app, it can obtain your location information at any time. For example, if a map app is granted the Location permission, it can provide you with location and navigation services. You can revoke the permission if you do not need these services.

- 1 Go to **Settings** > **Apps** > **Permission manager**.
- 2 On the **Permission manager** screen, touch **Location**, touch the icon of the corresponding app, then select permission options..

Review permission access logs

You can review and manage privacy access logs as needed to disable unjustified permissions and enjoy better services.

Go to the **Permission manager** screen and select a permission to turn on or off the application's access.

Use Location Services

Some apps need to obtain your location information to provide better services. You can enable or disable location services, and grant or deny permissions to access location information for particular apps as required.

Enable or Disable Location Services

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

- Swipe down from the status bar to open the notification panel (you can swipe further to display all shortcuts), and enable or disable  .
- Alternatively, go to **Settings > Location**, and enable or disable **Access my location**.

After location services are disabled, your phone will prevent all apps and services from collecting and using location information, with the exception of some built-in apps. When these apps or services need to use location information, your phone will remind you to enable location services again.

Increase the Accuracy of Location Services

You can improve the positioning accuracy of your phone by allowing apps and services to scan for nearby Wi-Fi networks and Bluetooth devices or access supplementary data from global navigation satellite systems (GNSS).

 The feature availability varies by device.

Go to **Settings > Location > Advanced settings**, then set the options as required.

Allow or Forbid Apps to Obtain Location Information

You can allow or forbid an app to access location information, including granting permanent access or access when using the app, or denying access to location information.

- 1 Go to **Settings > Privacy > Permission manager**, touch **Location**, and check which apps have been granted access to location information.
- 2 Touch the corresponding app and follow the onscreen instructions to grant or deny permissions.

Accessibility Features

Use a Screen Reader App

Screen reader apps are designed to assist visually impaired users to use a phone.

Enable Color Correction to Customize the Screen Color

Color correction helps people with poor eyesight see the screen content more easily.

- 1** Go to **Settings > Accessibility features > Accessibility > Colour correction** and enable **Colour correction**.
- 2** Touch **Correction mode** to select a color correction mode.

Magnification gestures

You can zoom in on the screen using magnification gestures.

Go to **Settings > Accessibility features > Accessibility > Magnification**, turn on the switch for **Magnification**.

Quickly tap the screen three times with 1 finger, then:

- Pinch 2 or more fingers together or apart to zoom the screen.
- Drag 2 or more fingers to scroll the screen.

Enable color inversion

Color inversion is used to change colors of the text and background on the screen. When this feature is enabled, your phone will show white text on a black background.

Go to **Settings > Accessibility features > Accessibility**, turn on the switch for **Colour inversion**.

Enable accessibility features by shortcut

You can enable an accessibility feature of your choice by the Volume key shortcut.

- 1** Go to **Settings > Accessibility features > Accessibility > Accessibility shortcut**.
- 2** Tap **Select feature**, choose the feature to be enabled by shortcut.
- 3** Enable **Accessibility shortcut**. Touch and hold the volume up and down keys at the same time for 3 seconds to enable the accessibility feature.

Adjust the Touch and Hold Delay

This feature allows you to adjust the time the screen takes to respond when you touch and hold something on the screen.

Go to **Settings > Accessibility features > Accessibility**, tap **Long press duration**, set the delay time as desired.

Operate Your Phone with One Hand

You can switch to a mini-screen view so you can use your phone with one hand.

- 1** Go to **Settings > Accessibility features > One-Handed mode**, and enable **One-Handed mode**.
- 2** You can access **One-Handed mode** using any of the following methods:
 - If you are using **Gestures** and **Slide across bottom to switch apps** is enabled, slide across the bottom of the screen and hold.
 - If you are using **Gestures** and **Slide across bottom to switch apps** is disabled, slide across the bottom of the screen in an arc and hold.

- If you are using **Three-key navigation**, slide across the bottom of the screen.
- If you are using **Gestures** and there is no **Slide across bottom to switch apps** switch, slide across the bottom of the screen.

3 Touch any area outside the mini-screen view to exit.

One-handed mode will not work if Gesture magnification is enabled on your phone.

 The feature availability varies by device.

Please make sure your device has been updated to the latest system version.

Set Scheduled Power On/Off

Use the **Scheduled power on/off** feature to power your phone on and off at set times, to save power and prevent interruptions while resting.

- 1** Go to **Settings > Accessibility features > Scheduled power on/off**, and enable **Scheduled power on/off**.
- 2** Set the power on and off times, as well as the repeat cycle. Your phone will power on and off automatically at the specified times.

To stop using this feature, disable **Scheduled power on/off**.

System & Updates

Change the System Language and Region

- 1** Go to **Settings > System & updates > Language & input > Language and region**, then select the language you want to use.
- 2** If the language is not listed, touch **Add language**, then locate and touch it to add it to the list.
- 3** Touch **Region** to select a country/region, so the display content will adapt to the local culture and habits of the country/region you have selected.

Set the System Date and Time

Your phone is able to sync to the local date, time, and time zone over a mobile network. You can also manually set the date, time, and time zone for your phone.

Go to **Settings > System & updates > Date & time**, then set the options according to your requirements.

Set the Date and Time Automatically or Manually

- Enable **Set automatically**, and your phone will sync to the local date and time over a mobile network.
- To manually set the date and time, disable **Set automatically**.

Change the Time Zone

- Enable **Set automatically**, and your phone will sync to the local time zone over a mobile network.
- To manually set the time zone, disable **Set automatically**.

Change the Time Format

- Enable **24-hour time** and your phone will display time in the 24-hour format.
- Disable **24-hour time** and your phone will display time in the 12-hour format.

Use Phone Clone to Move Data to Your New Device

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

Migrate Data from an Android Device

- 1** On your new phone, open the **Device Clone** app. Alternatively, go to **Settings > System & updates > Device Clone**, touch **This is the new device**, then touch **Honor** or **Other Android**.
- 2** Follow the onscreen instructions to download and install **Device Clone** on your old device.
- 3** On your old device, open the **Device Clone** app and touch **This is the old device**. Follow the onscreen instructions to connect your old device with your new phone by scanning a code or connecting manually.
- 4** On your old device, select the data you want to clone, then touch **Transfer** to start cloning.

 **Device Clone** is only available on phones running Android 7.0 or later.

Migrate Data from an iPhone or iPad

- 1** On your new phone, open the **Device Clone** app. Alternatively, go to **Settings > System & updates > Device Clone**, touch **This is the new device**, then touch **iPhone/iPad**.
- 2** Follow the onscreen instructions to download and install **Device Clone** on your old device.
- 3** On your old device, open the **Device Clone** app and touch **This is the old device**. Follow the onscreen instructions to connect your old device with your new phone by scanning a code or connecting manually.
- 4** On your old device, select the data you want to clone, then follow the onscreen instructions to complete the data cloning.

 **Device Clone** is only available on phones running iOS 8.0 or later.

Restore Your Phone to Default Settings or Factory Settings

Reset Network Settings

This operation will reset your Wi-Fi , mobile data network, and Bluetooth settings. It will not change any other settings on your phone or delete any data.

Go to **Settings > System & updates > Reset**, touch **Reset network settings**, then follow the onscreen instructions to reset network settings.

Restore All Settings

This operation will reset all network settings, your lock screen password, and the home screen layout. If your phone supports fingerprint or facial recognition, the enrolled fingerprints and facial data will be deleted as well. Other data or files will not be deleted from your phone. This operation does not restore the settings of Find Device, Users & accounts, Device administrators, or app settings either.

Go to **Settings > System & updates > Reset**, touch **Reset all settings**, and follow the onscreen instructions to complete the operation.

Restore Factory Settings

This operation will erase data on your phone, including your accounts, app data and system settings, installed apps, music, images, all files in the internal storage, security chip contents, and locally-stored system, app, and personal data related to HONOR IDs. Make sure to back up your data before restoring your phone to its factory settings.

Go to **Settings > System & updates > Reset > Reset phone**, touch **Reset phone**, and follow the onscreen instructions to restore factory settings.

Enable or Exit Simple Mode

Simple mode adopts a more concise layout for easy navigation, enlarges icons and fonts for the home screen, and maximizes the volume.

 This feature may vary by device.

Enable Simple Mode

Go to **Settings > System & updates > Simple mode** and touch **Enable**.

Touch and hold any icon to drag it to the desired location or uninstall it if it is not a mandatory app.

Exit Simple mode

Open **Settings** and touch **Exit Simple mode**.

Update Your Phone System Online

When an update is available, your phone will prompt you to download and install the update package.

- Before updating, make sure your phone is running an official system version. Otherwise, the update may fail and your phone may experience unknown issues.
- Back up your user data before the update.
- After an update, third-party apps that aren't compatible with the new system version may become unavailable. In some cases, it may take some time for a compatible app version to be released.
- During the update, do not power off or restart your phone, remove the memory card, or insert a memory card.

1 Go to **Settings > System & updates**, and touch **Software update**.

2 When an update is available, you can either manually download and install the update package, or update your phone automatically overnight.

- Download and install the update package: Go to **New version > DOWNLOAD AND INSTALL**. To avoid data usage, connect your phone to a Wi-Fi network when downloading the update package.

Your phone will automatically restart once the update is complete.

- Update overnight: Touch , and enable **Auto-download over Wi-Fi** and **Update overnight**.

Your phone will automatically update and restart between 02:00 – 04:00.

To ensure a successful overnight update, make sure that your phone is powered on, the screen is locked, there are no alarms set for this period of time, and the battery level remains higher than 35%. Connect your phone to a charger if necessary.

To disable automatic updates, touch  on the **Software update** screen, then disable **Auto-download over Wi-Fi**.

About Phone

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Model: ANY-NX1

Magic UI 4.2