HUAWEI nova 16s

User Guide

HUAWEI

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Essentials

Live View

Display Real-Time Service Info

Live view shows you the real-time status of ongoing services and tasks. For example, you can view real-time information about tasks such as a timer, during a call.



The figures are for reference only.

Live capsule:

When you switch from an app to the home screen or another app, a Live capsule will display in the status bar, with a brief real-time summary of the current task, for example, call duration and timer countdown duration.

Tasks will be sorted by task priority and creation time in the Live capsule, if there are multiple tasks.

If a real-time task from an app is not synced to the Live view, go to **Settings** > **Notifications & status bar** and check whether the notification permission has been enabled for the app.

Live card:

Touch a Live capsule to expand it into a Live card, where you can view the details or perform other operations. Touch any area in the card except for the buttons, to visit the corresponding app and perform other operations.

Touch any blank area or swipe up on the Live card to collapse it to the capsule.

Swipe down from the upper left corner of the screen to display Notification Center, which shows all current tasks. Once a task has completed, it will be automatically deleted.

If you do not wish to enable Live view for an app, go to **Settings** > **Notifications & status bar** > **Status bar** > **Live view** and toggle off the switch next to the corresponding app.

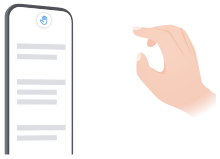
Basic Gestures

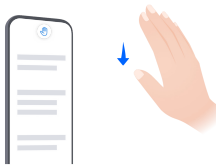
Basic Gestures and Shortcuts

Get Familiar with Air Gestures

You can navigate on your phone using air gestures and without having to touch the screen. For example, you can use air gestures to take a screenshot or scroll up or down.

Go to **Settings** > **Accessibility features** > **Smart Sensing**, and make sure that **Air scroll** or **Grabshot** is enabled.

	**Grab a screenshot** To take a screenshot: Hold your palm 20–40 cm (8–16 in.) from the screen until  appears at the top of the screen, then make a fist.





To scroll up or down on the screen using air gestures:

- **Air scroll up**
  Hold your palm 20–40 cm (8–16 in.) from the screen, with your fingers pointing upwards. When appears at the top of the screen, flick your wrist down.
- **Air scroll down**
  Hold the back of your hand 20–40 cm (8–16 in.) from the screen, with your fingers pointing downwards. When appears at the top of the screen, flick your wrist up.

If your device does not have the **Air scroll** or **Grabshot** switch, it indicates that the corresponding feature is not supported.

System Navigation Gestures

Go to **Settings** > **System & updates** > **System navigation** and make sure that **Gestures** is selected.



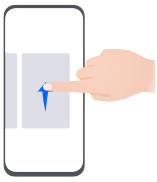
Return to the previous screen
Swipe in from the left or right edges to return to the previous screen.



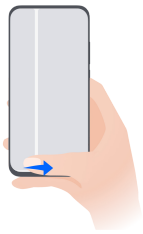
Back to home screen
Swipe up from the bottom to go to the home screen.



Recent tasks
Swipe up from the bottom of the screen and hold to view recent tasks.



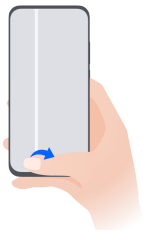
Close an app
When viewing recent tasks, swipe up on an app preview to close the app.



Switch between apps

- Slide across the bottom edge of the screen to switch between apps. Before using this gesture, touch **Settings** on the **System navigation** screen, and ensure that **Slide across bottom to switch apps** is enabled.

  If your device does not have the **Slide across bottom to switch apps** switch, it indicates that the corresponding feature is not supported.

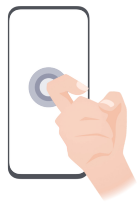


- Swipe across the bottom of the screen in an arc to switch between apps.

Knuckle Gestures

Before using knuckle gestures, use either of the following methods to make sure that all necessary features are enabled (depending on your device model):

- Go to **Settings** > **Accessibility features** > **Shortcuts & gestures**, and enable **Take screenshot** and **Record screen**.
- Go to **Settings** > **Accessibility features** > **Motion control** > **Take screenshot**, and enable **Smart screenshot**.



Take a screenshot

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



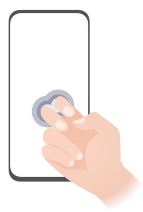
Take a scrollshot

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



Capture part of the screen

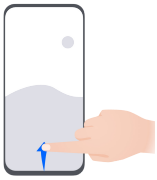
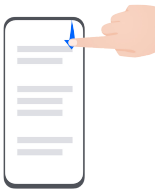
Knock and draw an enclosed area with a knuckle to capture part of the screen.



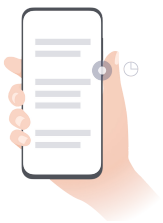
Record screen

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** Turn on the screen and swipe up from the bottom of the lock screen.
	**Display the search bar** Swipe down from the middle of the home screen.
	**Display the notification panel** Swipe down from the upper left corner of the screen.
	**Turn on a shortcut switch** Swipe down from the upper right corner of the screen to display Control Panel for shortcuts. Touch your desired feature to enable it.

Button Shortcuts

	**Power off and restart** Press and hold the Power button until your phone displays the **Power off** and **Restart** menus.
	**Turn up the volume** Press the Volume up button.

	**Turn down the volume** Press the Volume down button.
	**Take a screenshot** Press the Volume down and Power buttons simultaneously.

Some products do not have volume buttons.

Phone Clone

Move Data to Your New Phone

Phone 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.

- This feature applies only to data migration to Huawei devices.
- Cloned data will overwrite certain existing data, such as chat apps, Weather, and home screen settings.

Migrate Data from a Huawei/Android Device

1. On your new phone, open **Phone Clone**, or go to **Settings** > **System & updates** > **Phone Clone**, touch **This is the new device**, and select the device type (**Huawei** or **Other Android**) of your old device.
2. On your old device, follow the onscreen instructions to install **Phone Clone**.
   - Huawei devices: You can download **Phone Clone** from AppGallery.
   - Other Android devices: You can download **Phone Clone** from the Huawei official website.
3. On your old device, open **Phone Clone**, tap **This is the old device**, and follow the onscreen instructions to connect the old device with your new phone manually, or by scanning a code.
4. On your old device, select the data you wish to clone, and touch **Next** > **Transfer** to complete the cloning.
   - Cloned data will overwrite certain existing data, such as chat apps, Weather, and home screen settings.
   - During data migration, keep your HUAWEI ID logged in.

Migrate Data from an iPhone or iPad

1. On your new phone, open **Phone Clone**, or go to **Settings** > **System & updates** > **Phone Clone**, touch **This is the new device**, and select the device type (**iPhone/iPad**) of your old device.
2. Follow the onscreen instructions to download and install **HUAWEI Phone Clone** on your old device.
3. On your old device, open the **HUAWEI Phone Clone** app, touch **Transfer data to a Huawei phone** , and follow the onscreen instructions to scan the QR code to connect your old device to your new phone.
4. On your old device, select the data you wish to clone, and follow the onscreen instructions to complete the data cloning.

   - Cloned data will overwrite certain existing data, such as chat apps, Weather, and home screen settings.
   - During data migration, keep your HUAWEI ID logged in.

Lock and Unlock Your Screen

Lock and Unlock Your Screen

Lock the Screen

Auto-lock:

Your phone screen will be automatically locked if you haven't performed any operations on it for a period of time.

You can go to **Settings** > **Display & brightness** > **Sleep**, and set the screen timeout duration.

Manually lock the screen:

You can manually lock the screen using either of the following methods:

- Press the Power button.
- Pinch two fingers on the home screen, touch **Service widgets**, add the **Screen Lock** widget to the home screen, and touch the .
- Pinch two fingers on the home screen, touch **Service widgets**, swipe down to the bottom, touch **Widgets**, touch and hold down on **Screen Lock**, touch **Add to home screen**, and touch **Screen Lock**.

Keep the Screen On While Looking

You can set the screen to stay on while you are looking at it, such as when you are reading.

Go to **Settings** > **Accessibility features** > **Smart Sensing**, and ensure that **Keep screen on while looking** is enabled.

Turn On the Screen

You can turn on the screen in any of the following ways (depending on your device model):

- Press the Power button.
- Go to **Settings** > **Accessibility features** > **Shortcuts & gestures** > **Wake screen**, and enable and use **Raise to wake** and **Double-tap to wake**.
- Go to **Settings** > **Accessibility features** > **Motion control** > **Raise**, and enable and use **Wake device**.

If your phone does not have this option, it indicates that this feature is not supported.

Unlock Your Screen

Password unlock: Once the screen is turned on, swipe up from the middle of the screen to display a panel where you can enter your lock screen password. Then, enter your lock screen password.

Face unlock: Once the screen is turned on, bring your face in front of the screen of your phone. Your phone will unlock automatically after it recognizes your face.

Fingerprint unlock: Touch the fingerprint sensor zone with a finger that you have already set up on your device. Wake up your screen first to show the fingerprint sensor zone, if your device has an in-screen fingerprint sensor.

Get Familiar with the Home Screen

Home Screen Overview

The new setup allows you to customize your phone home screen and group important content in easy-to-access locations with service widgets, large folders, and other features.

Get a Grip on the Revamped Home Screen

- **Status bar:** Shows the status of your phone and notifications at the top of the screen.
- **Large folders:** Directly opens an app when you touch the corresponding app icon, without expanding the folder. The folder size can be adjusted as needed.
- **Service widgets:** Previews services and provides direct access to frequently-used app features without requiring you to open each corresponding app. You can stack or combine multiple service widgets as needed.
- **Screen navigation bar:** Swipe left or right to view apps and widgets on different screens. The indicator shows which screen you are currently on.
- **Shortcut bar:** Displays frequently used apps.

Use Service Widgets

Service widgets allow you to:

- Preview or access apps, such as to view the weather forecast, or play music.

- Select from a range of service widget styles and layouts to customize your home screen.
- Stack and combine multiple service widgets to save home screen space, streamline your home screen, and navigate with greater ease.

Apps with a widget bar at the bottom support service widgets. To remove the widget bar, go to **Settings** > **Home screen & style** > **Home screen settings** > **Show widget bars**.

This feature is not supported in certain scenarios. Actual usage shall prevail.

Add Service Widgets to Your Home Screen

You can add a service widget to the home screen in any of the following ways:

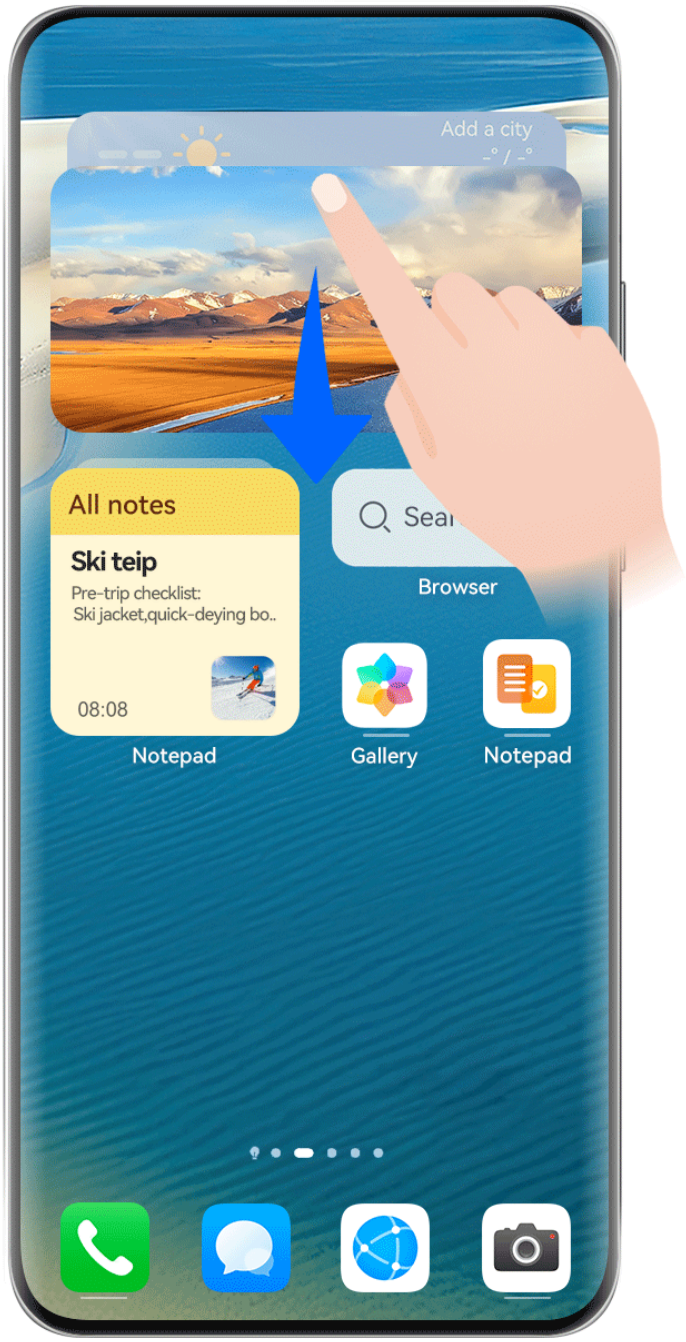
- Swipe up on an app icon to expand its service widget, and touch to add the service widget to the home screen.
- Swipe up on an app icon to expand its service widget, touch and hold down on the service widget, touch **More service widgets**, select your desired style, and touch **Add to home screen**.
- Touch and hold down on an app icon, touch **Service widgets**, select your desired style, and touch **Add to home screen**.
- Pinch two fingers together on the home screen, touch **Service widgets**, select your desired service widget, and touch **Add to home screen**. You can also touch and hold down on your desired service widget, and drag it to any blank area on the home screen.

If there is no space available on the current screen, the widget will be pinned to the next screen. If neither screen has any space, a new screen will be created for the service widget, to the right of the current screen.

- Service widgets cannot be pinned to folders.
- Swiping up on the app icon will not expand the service widget in certain scenarios. Actual usage shall prevail.

Stacking Service Widgets

Stack service widgets and combos of the same size to make the most of your home screen.



The figures are for reference only.

Stack service widgets:

Touch and hold down on a service widget/widget combo, drag it to another service widget/widget combo of the same size, and release to stack the two items, once they have completely overlapped.

View service widgets in a stack:

Swipe up or down on a stack to view all of its service widgets.

Manage service widgets in a stack:

1 Expand the stack in any of the following ways:

- Swipe down further to expand the stack.
- Touch and hold down on the stack and tap **Expand stack**.

2 Then manage widgets in the stack as follows:

- **Adjusting the position of a service widget**: Hold down on a service widget, and drag it to change its position.
- **Pinning a service widget to the top**: Tap a service widget to pin it to the top of the stack.
- **Removing a service widget from a stack**: Hold down on a service widget, drag it to the edge of the screen and hold, wait for the service widget to be moved out of the stack, and drag the widget to any blank area on the home screen.
- **Deleting a service widget**: Swipe left on a service widget to delete it.
- **Deleting a stack**: The stack will be automatically deleted after all service widgets are removed.

Combine Service Widgets

Combine service widgets of all sizes, and add frequently-used shortcuts to widget combos, to create shortcuts for common features.



The figures are for reference only.

Adding a widget combo:

- Hold and drag a service widget to another service widget of any size, until they partially overlap, and release to complete the combination, once the back panel has been expanded.
- Pinch two fingers together on the home screen, go to **Service widgets** > **Widget combos**, touch and hold down on the widget combo that you wish to add, and touch **Add to home screen**. You can also touch +, select your favorite service widgets to customize your own combo, and touch ✓.

Editing a widget combo:

- **Adding a service widget to the widget combo**: Hold and drag a service widget on the home screen to the widget combo.

- **Removing a service widget from the widget combo**: Touch and hold down on the widget combo, and wait for the pop-up menu to display. Then hold and drag a service widget to any blank area on the home screen.
- **Deleting a service widget**: Touch and hold down on the widget combo, and wait for the pop-up menu to display. Then hold and drag a service widget to the  icon at the top of the screen.

After you're done with editing the widget combo, the system will automatically apply an optimal template size based on the items in the combo. Touch any area outside the service combo to exit the editing screen.

You can also touch and hold down on the service combo, and touch **Edit combo** to add or remove **Service widgets** or **Shortcuts**.

Removing a widget combo:

Touch and hold down on the widget combo, and touch **Remove combo** to remove the widget combo.

Renaming a widget combo:

Touch and hold down on the widget combo, and touch **Rename** to rename the widget combo.

You can also touch and hold down on a service widget to edit or remove it.

Certain service widgets can't be edited.

Edit and Remove Service Widgets

Edit service widgets:

Touch and hold down on a service widget, and select **Edit** to set which information will display for the widget.

For example, you can set the cover of the Gallery service widget to a specified picture. To do this, you can touch and hold down on the Gallery service widget, go to **Edit** > **Select a photo**, and follow the onscreen instructions to set it.

Remove service widgets:

Touch and hold down on a service widget, and select **Remove** to remove it from the home screen.

- If you uninstall certain apps, the corresponding service widgets will also be removed.
- Certain service widgets can't be edited.

Create and Use Large Folders

Large folders make it easy to categorize app icons on the home screen. Directly open an app by touching the app icon, without expanding the folder, and adjust the folder size as needed, to craft your ideal home screen layout.



The figures are for reference only.

Create a Large Folder

1. Touch and hold an app icon and drag it over another icon to create a new folder.
2. Touch and hold a folder to switch between display modes. For example, you can touch and hold a new folder and select **Enlarge** from the displayed menu to create a large folder.
3. You can touch the lower right corner of the large folder to open it and then touch the folder name to rename it.
   You can also rename the folder by touching and holding it and selecting **Rename**.

Operations in a Large Folder

You can perform the following operations in large folders:

- **Adjust the folder size**: Touch and hold down on a large folder, and release your finger when the pop-up menu displays. Drag the blue edges or corners around the folder to adjust the folder size, and touch any blank area on the home screen to complete the operation.
- **Enter or exit folders**: Touch the lower right corner on a large folder to enter it. Touch a blank area in the folder to exit it.
  When there are too many app icons to display on one page within a large folder, a stacked icon will appear in the folder's lower right corner. You can touch the stack icon to open the folder.
- **Add or remove apps**: Open a large folder, and touch +, and add or remove apps as required. If you deselect all apps within the folder, the folder will be deleted.
- **Switch between display modes**: Touch and hold down on a folder to switch between a standard and large display. For example, you can touch and hold down on a standard folder, and select **Enlarge** from the displayed menu to create a large folder.

Notification and Status Icons

Network status icons may vary depending on your region or network service provider. Supported features vary depending on the device model. Some of the following icons may not be relevant to your phone.

	Full signal strength		Roaming
	Data saver enabled		No SIM card inserted
	Hotspot enabled		Hotspot connected
	Hotspot disconnected		Switching networks via Wi-Fi+
	Wi-Fi connected		Wi-Fi network is faulty, unable to connect to the Internet
	Wi-Fi 6 connected		Wi-Fi 6 network is faulty, unable to connect to the Internet
	Wi-Fi 6+ connected		Wi-Fi 6+ is faulty, unable to connect to the Internet
	Dual Wi-Fi connected		Dual Wi-Fi connected, with the main Wi-Fi supporting Wi-Fi 6
	Dual Wi-Fi connected, with the main Wi-Fi supporting Wi-Fi 6+		NFC enabled
	Battery empty		Low battery

	Charging		Fast charging
	Super charging		Wireless super charging
	Wireless fast charging		Regular wireless charging
	Power Saving mode enabled		Digital Balance enabled
	Bluetooth enabled		Bluetooth device battery
	Bluetooth device connected		VPN connected
	Airplane mode enabled		Do Not Disturb mode enabled
	Location service enabled		Eye Comfort mode enabled
	Driving mode enabled		Performance mode enabled
	Headset connected		Projection device connected
	Calling		VoLTE enabled
	Missed call		Calling service not available on the current network
	New message		Alarm set
	Silent mode		Vibration mode
	Syncing data		Data syncing failed
	New email		Event reminder
	Apps using the camera		Apps using the microphone
	More notifications		

Control Panel

Introduction to Control Panel

Manage and control audio playback, shortcuts, and **Super Device**, with greater ease, in **Control Panel**.

Overview of Common Features in Control Panel

Swipe down from the upper right corner of the screen to display **Control Panel** to access the following features:



The figures are for reference only.

- **Media Controller**: Controls audio playback and allows you to adjust the playback progress and switch between recently-used media apps, listening devices (such as Visions and Bluetooth headsets), and calling devices.
- **Shortcuts**: Enables, disables, or sets frequently-used features.

- **Super Device**: Collaborates with tablets, laptops, Visions, and other devices to facilitate seamless Multi-screen Collaboration, wireless projection, video transfers, and other cross-device features.
- **Smart devices**: Allows you to manage and control devices that have been added in **AI Life**.

If your phone is not pre-installed with some relevant apps, download it from **AppGallery**.

Edit Control Panel

Control Panel allows you to edit features, such as relocate shortcut switches, and edit smart devices, so that you can manage your devices with greater ease.

Swipe down from the upper right corner of the screen to display **Control Panel**, and touch . From there, feel free to:

- **Edit shortcut switches**: Hold and drag a shortcut switch to relocate it, or tap  to hide the shortcut switch. You can also tap  and then  on a hidden shortcut switch to add it to the Control Panel.
- **Edit smart devices**: Tap  on the Devices or Scenes panel, and tap  on a device card that has been added to **AI Life**. The device card will then be displayed in the Control Panel.

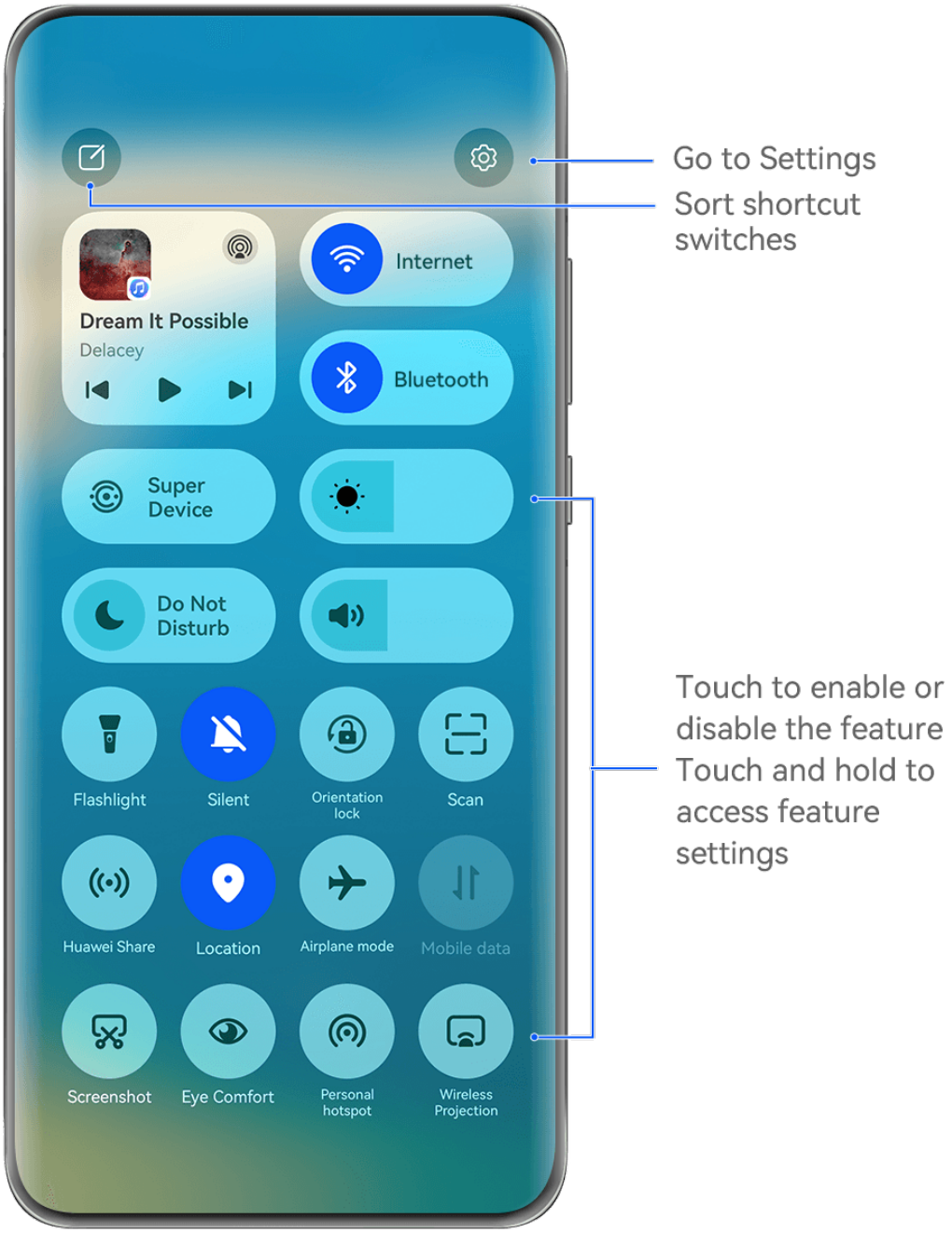
  Tap  on an added device card to remove it from the Control Panel.

If your phone is not pre-installed with some relevant apps, download it from **AppGallery**.

Use Shortcut Switches

Turn On a Shortcut Switch

Swipe down from the upper right corner of the screen to display **Control Panel** for shortcuts.



The figures are for reference only.

- Touch a shortcut switch to enable or disable the corresponding feature.
- Touch and hold a shortcut switch to access the settings screen (or pop-up) of the corresponding feature.
- Touch to access the settings screen.

Customize Shortcut Switches

You can add, remove, and re-order shortcut switches based on your preference. Swipe down from the upper right corner of the screen to display **Control Panel**, and touch to access the editing screen.

Move: Hold and drag a shortcut switch to relocate it.

Remove: Touch in the upper right corner of the shortcut switches to remove.

Add: Touch to add shortcut switches for different features.

Touch to save the settings.

Use Media Controller

Manage playback and switch audio and video apps at any time in **Media Controller**, or even transfer streaming audio from your device to other devices, like a headset or speaker.



The figures are for reference only.

Manage and Switch Between Audio and Video Apps

When multiple audio and video apps (such as **Music**) are opened, you can quickly manage and switch between these apps in **Media Controller** with ease.

Media Controller is only supported for certain apps, and certain apps need to be updated to the latest version .

1 Swipe down from the upper right corner on your phone to display **Control Panel** and touch any blank area in **Media Controller** at the top of the screen, to enter the **Media Controller** screen.

2 **Media Controller** displays currently running and recently used audio and video apps. From there, feel free to:

- **Manage running apps**: Touch to pause playback or switch tracks, or swipe to adjust the playback progress or volume.
- **Switch to other recently used apps**: Touch another app on the screen.

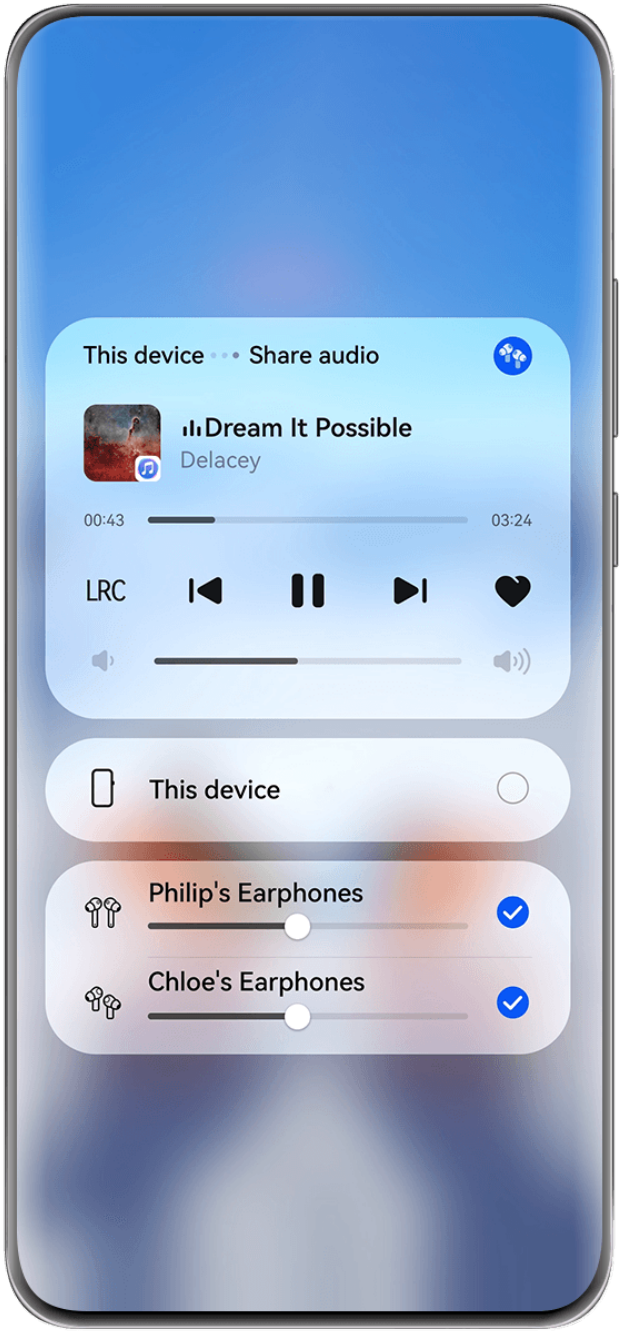
Share Audio with Friends via Two Pairs of Bluetooth Earphones

Sharing audio allows you to connect multiple pairs of Bluetooth earphones to the same phone, so that you can listen to music or watch videos along with a friend.

- This feature is only supported on certain Bluetooth earphones.
- If your Bluetooth earphones support this feature, update them to their latest available version.

1 Pair your device with a pair of Bluetooth earphones, and touch  in the upper right corner of **Media Controller** in **Control Panel**.

2 Set a sharing mode based on the pairing status of the other pair of earphones:
Self sharing (the other pair of earphones has been paired with your device): The paired earphones will display in the device list. Select the two pairs of earphones that you wish to share audio with.
You can also go to **Control Panel** > **Super Device**, and drag the icons for the two pairs of earphones to the icon for this device, to initiate a connection.



The figures are for reference only.

Temporary sharing (the other pair of earphones has not been paired with this device): Select the paired earphones from the device list on this device, touch **Share audio** under the name of the earphones, and initiate sharing as follows:

- **The other pair of earphones has not been connected to any device**: Place the other pair of earphones in the charging case, open the case, place it close to this device, and follow the onscreen instructions to complete the connection. If your phone does not detect any earphones, hold down on the Function button on the charging case, and place the earphones close to this device to initiate pairing.
- **The other pair of earphones has been connected to other devices**: For example, if the other pair of earphones has been connected to other phones/tablets (EMUI 13 or later), turn on the phone/tablet screen, place the phone/tablet close to this device, and follow the onscreen instructions to initiate pairing.

3 Once the pairing is complete, you'll be able to share the audio on this device with the two pairs of earphones.

To stop audio sharing, touch in **Media Controller**, touch the shared earphones, and deselect it.

Transfer Audio to Another Device

When your phone is connected to a device, such as a headset, speaker, or Vision product, you can send the audio playing, such as audio and video playback, video calls, and game sound effects, on your phone to the listening device, and continue to manage playback in **Media Controller**.

To connect to your phone, the corresponding apps will need to be installed on certain devices.If your phone is not pre-installed with some relevant apps, download it from **AppGallery**.

Transfer audio to another device

1 Connect your phone to a listening device, such as a headset, speaker, or device added to **AI Life**. For details, see the product manual.

2 Touch in the upper right corner of **Media Controller** in **Control Panel** and select a listening device from the list to transfer the audio playing on your phone to the listening device.

If there is no device list in **Media Controller**, touch to display the list.

Transfer Calls to Another Device

When your phone is connected to a listening device (like a headset or speaker), you can transfer an ongoing call on your phone to the listening device.

1 Connect your phone to a wired headset, or connect your phone to a wireless headset or speaker via Bluetooth.

2 During a call, swipe down from the upper right edge of your phone to display **Control Panel**, touch in the upper right corner of **Media Controller**, and select the wired or Bluetooth listening device from the list to transfer the call there.

If there is no device list in **Media Controller**, touch to display the list.

This feature will be supported by more apps in the near future.

Switch Seamlessly Between Screens, with Super Device

Use **Super Device** for multi-device collaboration with just a tap, to turn all of your smart devices into one cohesive unit. For example, when you come home, you can have an ongoing MeeTime call transferred to your HUAWEI Vision for a more immersive experience; when you return to the office, you can continue editing the same documents on your computer, by picking up right from where you had left off on your phone.



The figures are for reference only.

Set Super Device Before Getting Started

Before using **Super Device**, enable Bluetooth and Wi-Fi on your phone, and log in to your HUAWEI ID.

Make sure that the screens of your other devices remain on, and apply the following settings on these devices:

Device types supported by **Super Device** may vary by product.

- **Phone**: Enable Bluetooth and Wi-Fi.
  Only phones that support Multi-cam mode can be used as connected devices. You can check whether Multi-cam mode is supported by going to **Camera** > **More** .
- **Tablet**: Enable Bluetooth and Wi-Fi.
- **Tablet with an E Ink display**: Enable Bluetooth and Wi-Fi, and make sure that it is logged in to the same HUAWEI ID as your phone.
- **Computer**: Enable Bluetooth and Wi-Fi, and make sure that it is logged in to the same HUAWEI ID as your phone.
- **Vision or Monitor**: Enable Bluetooth and Wi-Fi.
- **Smart speaker or printer**: Make sure that it is connected to the same LAN as your phone, paired in AI Life with your phone, and logged in to the same HUAWEI ID.
  Enter the **AI Life** home screen, go to +, and follow the onscreen instructions to complete the connection.
- **Earphones or glasses**: Make sure that they are paired and connected to your phone via Bluetooth.

- **Watch or band**: Make sure that it is paired with your phone via Huawei Health, and logged in to the same HUAWEI ID.

If your phone is not pre-installed with some relevant apps, download it from **AppGallery**.

Create Your Super Device by Connecting to Nearby Devices

If the devices are logged in to the same HUAWEI ID

1. Log in to the same **HUAWEI ID** on this device and the device to be connected.
2. Go to **Control Panel** > **Super Device** and touch the icon of the device to be connected to initiate the default collaboration.

   Alternatively, you can touch and then the icon of the device to be connected, and select your desired collaboration scenario from the menu as needed.

If there are multiple collaboration scenarios available, go to **Super Device**, and touch and then the icon of the device to be connected, to switch between collaboration scenarios from the menu.

If the devices are not logged in to the same HUAWEI ID

1. On the phone/tablet that you wish to connect to, go to **Settings** > **Super Device** > **This device** > **Visible to**, and select **All nearby devices**.
2. Swipe down from the upper right corner of this device to display **Control Panel**, and touch in **Super Device**.
3. Touch , select the device that you wish to connect to, and follow the onscreen instructions to complete the connection.

   To unlink a device that is logged in to a different HUAWEI ID, touch in **Super Device**, touch and hold down on the device, and touch **Delete**. You can also go to **Settings** > **Super Device**, select the device that you wish to unlink in **Other devices**, and touch **Delete**.
4. Touch the icon of the device to be connected and select a collaboration scenario from the menu to initiate collaboration.

If there are multiple collaboration scenarios available, go to **Super Device**, and touch and then the icon of the device to be connected, to switch between collaboration scenarios from the menu.

Transfer MeeTime Calls and Streaming Audio to Connected Devices

Use **Super Device** to transfer a video (for example, a video in HUAWEI Video), song, or MeeTime call from your phone to another device, and pick up from exactly where you had left off, without missing a beat.

MeeTime: This feature is only available in some countries and regions.

For instance, you can:

- Transfer **videos** to tablets.
- Transfer **MeeTime** calls to Visions.
- Transfer **music** to Bluetooth earphones, speakers, glasses, Visions (screen off), and head units.

Device types and transfers supported by **Super Device** may vary depending on the product.

1. To complete the settings on the phone and the device to be connected, please refer to Super Device Required Settings.
2. Swipe down from the upper right corner of your phone to display **Control Panel**, and touch  in **Super Device** to search for nearby available devices, or go to  >  to link a new device.
3. Open an app (such as HUAWEI Video or HUAWEI Music) on your phone.
4. Go to **Control Panel** on your phone, touch the icon of the target device in **Super Device**, and follow the onscreen instructions to complete the transfer.

   Alternatively, touch , drag the target device to this device, and follow the onscreen instructions to complete the transfer.

Multi-Screen Collaboration on a Computer or Tablet

Connect your phone to a computer or tablet via **Super Device** to make office work more efficient and collaborative. View and edit files, drag and drop them between devices, copy and paste text, and even browse phone apps, from the Multi-Screen Collaboration window on your computer or tablet.

1. To complete the settings on the phone and the device to be connected, please refer to Super Device Required Settings.
2. Swipe down from the upper right edge of your phone to display **Control Panel**, and search for or link the device you wish to connect to in **Super Device**, using the methods below:

   - **Search for computers**: Touch  to search for nearby computers that can be connected to.
   - **Search for tablets**: Touch  to search for nearby tablets that can be connected to, or go to  >  to search for and link with a tablet.
3. In **Super Device** of **Control Panel** on your phone, touch the device that you wish to connect to, to complete the connection.

   You can also touch  and then the icon of the device to be connected, and select **Multi-Screen Collaboration** from the menu.

To end the collaboration, touch the icon of the connected device again on the **Super Device** screen on your phone.

Screenshots & Screen Recording

Take a Screenshot

Capture your screen with ease, and on your own terms.

Take a Grabshot

1 Go to **Settings** > **Accessibility features** > **Smart Sensing** > **Grabshot** and make sure that **Grabshot** is enabled.

2 Place your hand half an arm's length away from the screen with your palm facing the screen, and wait for to appear at the top of the screen. Then close your fist to capture a screenshot.



- The figures are for reference only.
- If your device does not display the **Grabshot**, it indicates that this feature is not supported.

Take a Full Screenshot with a Knuckle Tap

1 Before using knuckle gestures, use either of the following methods to enable this feature (depending on your device model):

- Go to **Settings** > **Accessibility features** > **Shortcuts & gestures** > **Take screenshot**, and enable **Knuckle screenshots**.
- Go to **Settings** > **Accessibility features** > **Motion control** > **Take screenshot**, and enable **Smart screenshot**.

2 Tap twice in quick succession with one knuckle to take a screenshot of the entire screen.



The figures are for reference only.

Take a Screenshot with a Key Shortcut

Press and hold down on the Power and Volume down buttons at the same time to take a screenshot.

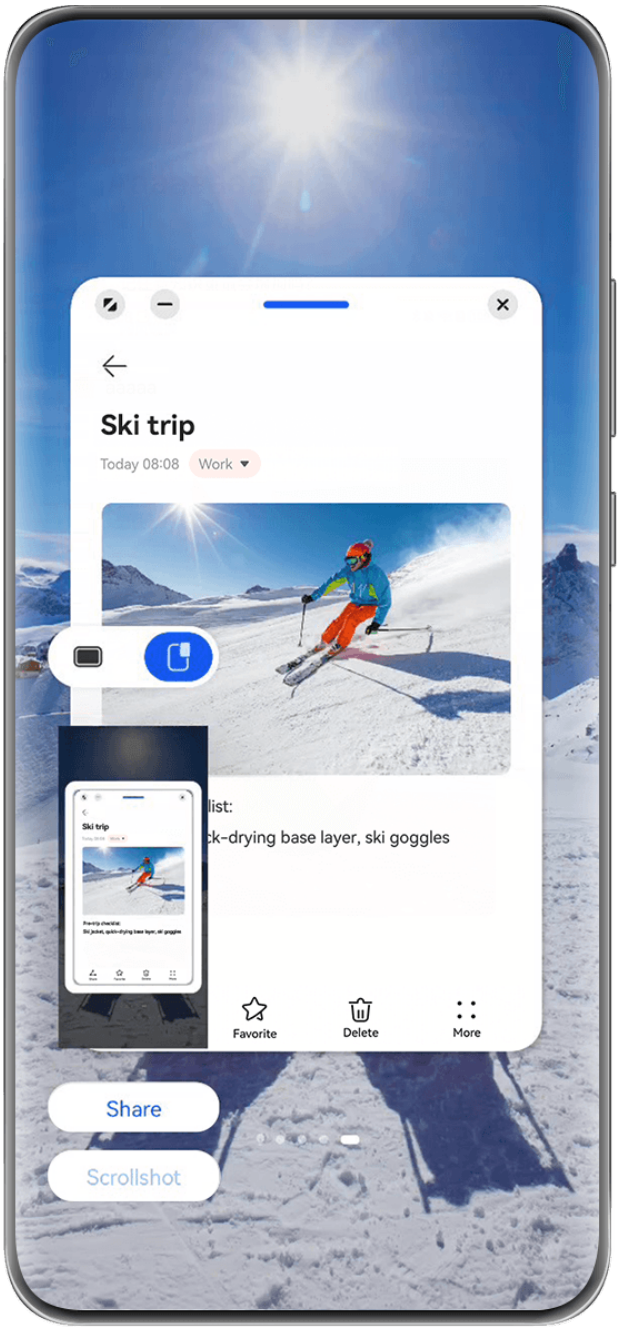
Use a Shortcut to Take a Screenshot

Swipe down from the upper right corner of the screen to display **Control Panel**, and touch **Screenshot** to take a screenshot of the entire screen.

Capture the Screen in Split-Screen or Floating Window Mode

When your phone is in split-screen mode or floating window mode, you can capture individual windows or the entire screen, depending on your need.

Once a screenshot is taken, a thumbnail will display in the lower left corner of the screen. Touch the icon on the top of the thumbnail to select the capture area.



The figures are for reference only.

Here we'll use a screenshot in the floating window as an example:

- : Captures the contents of all current windows.
- : Captures only the contents in the floating window.

Share and Edit a Screenshot or Switch to Scrollshot

Once you take a screenshot, a thumbnail will appear in the lower left corner of the screen. From there, feel free to:

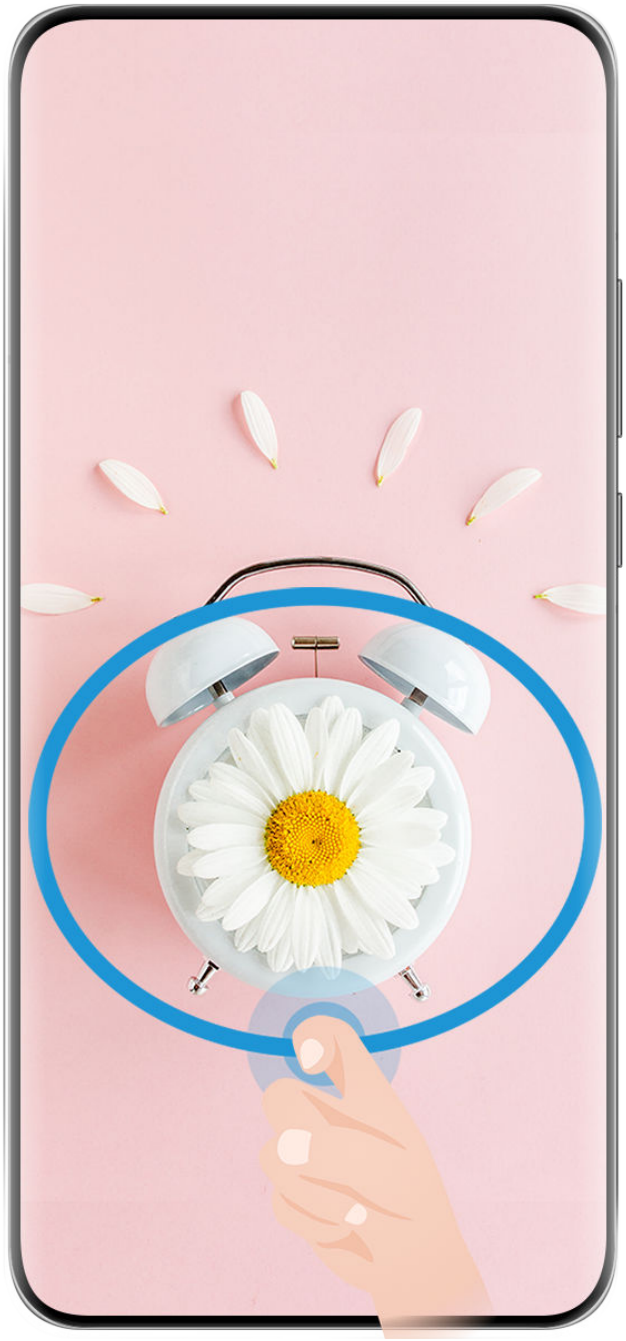
- Touch **Share** at the bottom of the thumbnail to select a method for sharing the screenshot with others.
- Touch **Scrollshot** at the bottom of the thumbnail to continue taking a scrolling screenshot.
- Tap on the thumbnail to edit, delete, or do more with the screenshot.

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

Take a Partial Screenshot

Use **Partial screenshot** to take a screenshot of a part of the screen. You can choose your preferred screenshot shape (such as a rectangle, oval, or heart).

Take a Partial Screenshot with Knuckle Gestures



The figures are for reference only.

1 Knock on the screen with a single knuckle and hold to draw an enclosed shape around the part of the screen that you wish to capture. Make sure that your knuckle does not leave the screen.

2 The screen will display the motion of your knuckle. From there, feel free to:

- Drag the frame to the desired position, or resize it.
- Touch any of the shape options on the toolbar to change the shape of the captured area.

3 Touch to save the screenshot.

Use a Shortcut to Take a Partial Screenshot

1 Swipe down from the upper right edge of the screen to display Control Panel, hold down on the Screenshot icon, and then touch Partial screenshot in the pop-up.

2 Follow the onscreen instructions to draw an enclosed shape with your finger around the part of the screen that you wish to capture.

3 The screen will display the motion of your finger. From there, feel free to:

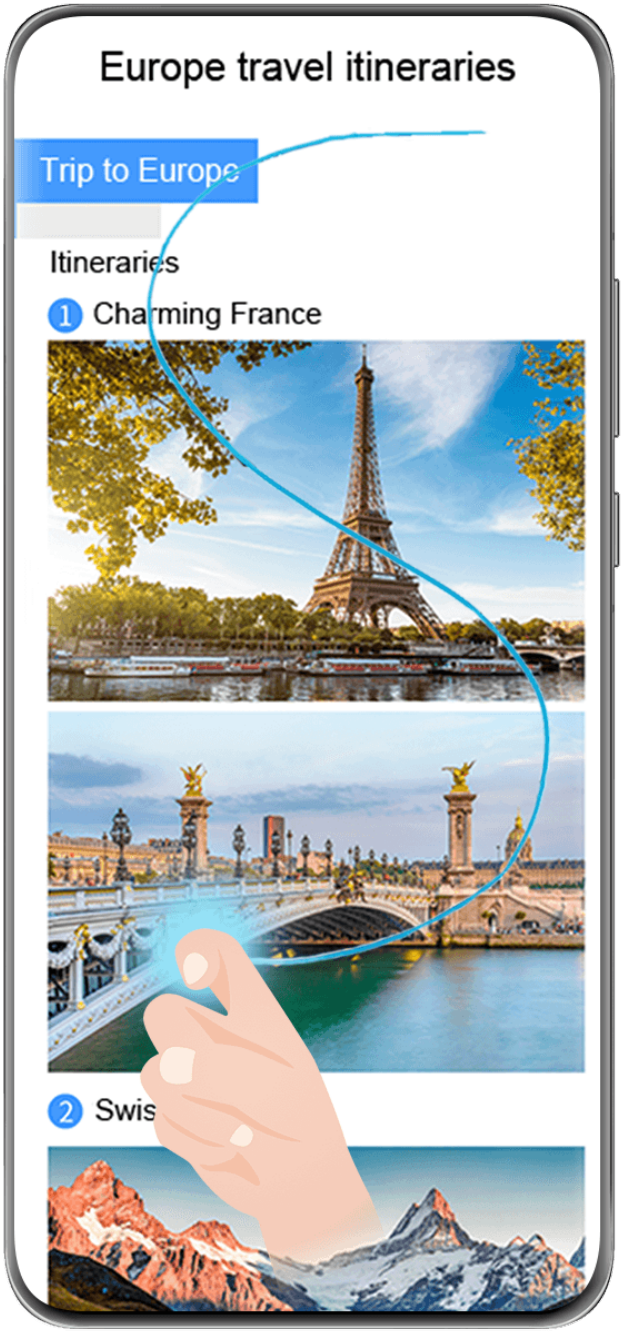
- Drag the frame to the desired position, or resize it.
- Touch any of the shape options on the toolbar to change the shape of the captured area.

4 Touch  to save the screenshot.

Take a Scrolling Screenshot

Use **Scrollshot** to capture a memorable chat, article, or essential work document that can't display in full on the screen, and share with others.

Use a Knuckle to Take a Scrolling Screenshot



The figures are for reference only.

1 Tap a single knuckle against the screen and hold to draw an "S". Your device will automatically scroll to the bottom of the page to capture all of the content in a single screenshot.

2 You can touch the screen at any time to stop the scrolling.

Take a Scrolling Screenshot

Once you take a screenshot, a thumbnail will appear in the lower left corner of the screen. You can continue to take a scrolling screenshot.

1 Touch **Scrollshot** at the bottom of the thumbnail to automatically scroll down on the screen.

2 You can touch the screen at any time to stop the scrolling.

Record the Screen

Capture action onscreen to create sharable videos, to show off your gaming skills, compose tutorials, and do so much more.

If you wish to enable Live view for screen recording, go to **Settings** > **Notifications & status bar** > **Status bar** > **Live view** and toggle on the switch next to **Screen Recorder**.

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 upper right corner of the screen to display **Control Panel** and touch **Screen Recorder** to start screen recording.
2. To stop the recording, touch the timer at the top of the screen.
3. Go to **Gallery** to view the recording.

Use Two Knuckles to Start Screen Recording

1. Before using knuckle gestures, use either of the following methods to enable this feature (depending on your device model):
   - Go to **Settings** > **Accessibility features** > **Shortcuts & gestures** > **Record screen**, and enable **Record screen**.
   - Go to **Settings** > **Accessibility features** > **Motion control** > **Take screenshot**, and enable **Smart screenshot**.
2. Knock the screen twice in quick succession with two knuckles to start a screen recording. To stop recording, knock twice as before.



The figures are for reference only.

Record Your Voice During Screen Recording

Touch the microphone icon to enable or disable the microphone while recording the screen.

- When the microphone is enabled (i.e. it is displayed as), you can record your voice while recording the screen.
- When the microphone is disabled (i.e. it is displayed as) you'll only be able to record system sounds, such as audio and video playback.

Show or Hide Touches During Screen Recordings

While recording your screen, you can choose whether or not you would like to show touches.

If Live view is not enabled for screen recording: Touch ⋮ next to the red timer at the top of the screen, and enable or disable **Show touches**, during the recording.

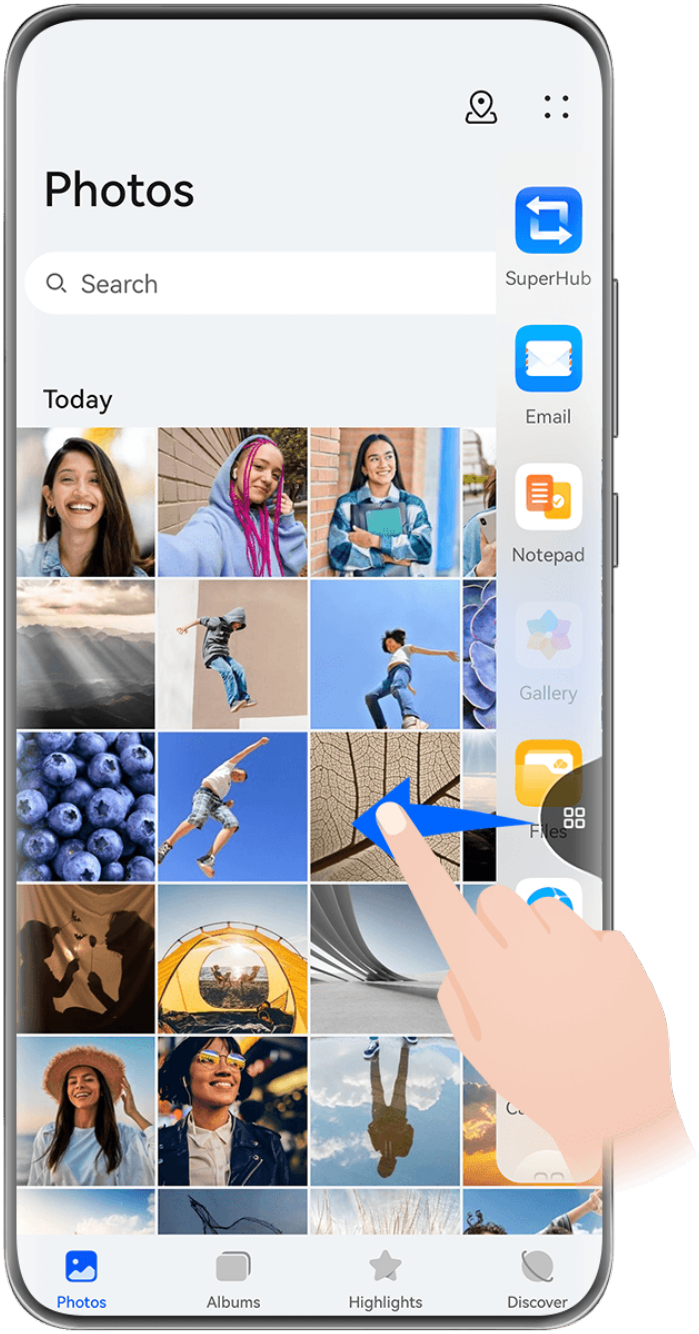
If Live view is enabled for screen recording: Touch the Live view at the top of the screen, and then touch  or  to show or hide touches, during the recording.

-  indicates that the feature is enabled.
-  indicates that the feature is disabled.

Multi-Window

Multi-Window Dock

Multi-Window dock makes it quick and easy to open other apps when an app is running, add or remove apps, rearrange the order of apps, or create a custom dock that meets your every need.



The figures are for reference only.

Before you get started, go to **Settings** > **Accessibility features** > **Multi-Window**, and make sure that **Multi-Window dock** is enabled.

Swipe inward from the left or right edge of your phone and hold to bring up the Multi-Window dock. From there, feel free to:

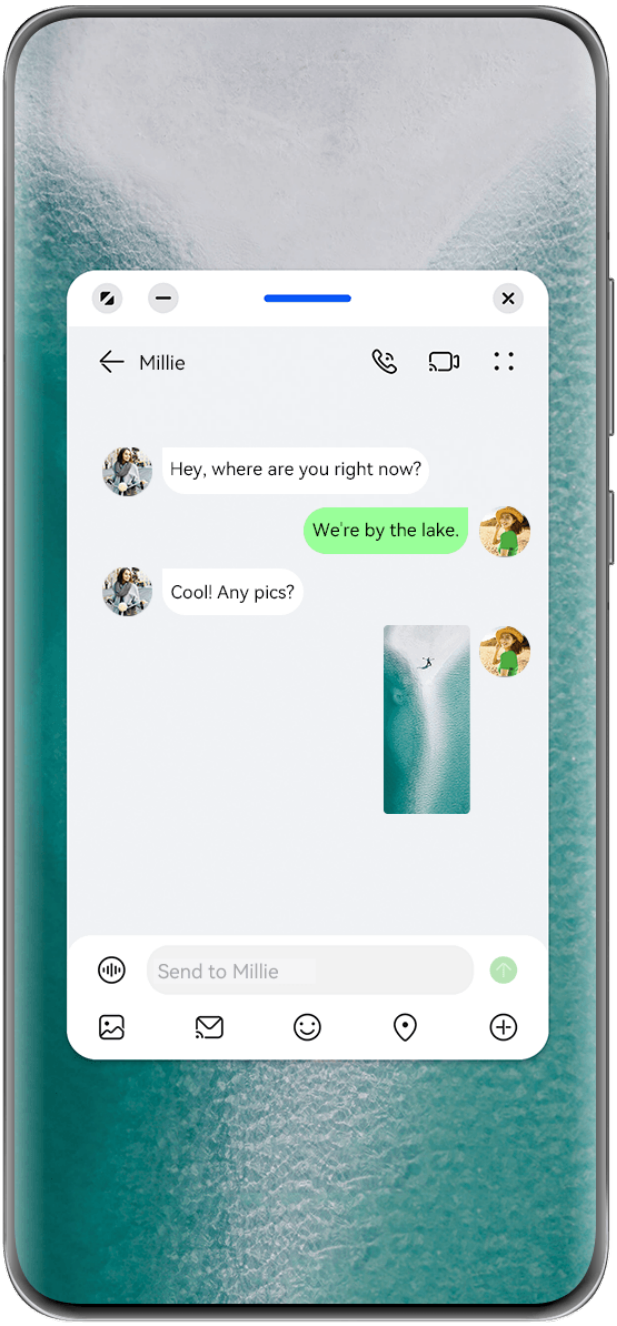
- **Check whether an app supports Multi-Window**: Touch and view **More apps**.
- **Add apps:** Go to > to enter the editing screen. Then touch the apps you wish to add to the Multi-Window dock, and touch .
- **Move apps**: Go to > to enter the editing screen, touch and hold down on an app icon in the Multi-Window dock, drag it to your desired position in the dock, and touch .

- **Remove apps**: Go to > to enter the editing screen, touch in the upper right corner of an app icon in the Multi-Window dock, and touch .

The recommended apps in the Multi-Window dock can't be removed.

Use the Floating Window

Open a floating window while gaming, and you can chat with a friend without missing a second of the action.



The figures are for reference only.

Open a Floating Window

Before you get started, go to **Settings** > **Accessibility features** > **Multi-Window**, and make sure that **Multi-Window dock** is enabled.

You can open a floating window in any of the following ways (depending on your device model):

- Swipe up from the bottom of the screen to enter the Recent tasks screen, and touch the  icon in the top right corner of an app preview to open the app as a floating window.
- Swipe inward from the left or right edge of your phone and hold to bring up the Multi-Window dock. Then touch any app in the dock to open it as a floating window.

Common Operations in Floating Window Mode

Once a floating window is opened, feel free to:

Relocate the floating window

Drag the bar at the top of the floating window to move the window to a different location.

Resize the floating window

Drag the bottom edge, two sides, or bottom corners of the floating window to resize it.

If you reduce the floating window to the smallest possible size, and then release the window, it will automatically shrink into a small floating window that remains fixed to the upper right corner of the screen.

Minimize the floating window

You can use either of the following methods:

- Touch at the top of the floating window.
- Touch and hold down on the bar at the top of the floating window, and quickly drag it to the left or right.
- Touch and hold down on the bar at the top of the floating window, and drag it to the left or right screen edge.

Return to full-screen display

You can use either of the following methods:

- Touch  at the top of the floating window.
- Touch and hold down on the bar at the top of the floating window, and quickly drag it upwards.
- Touch and hold down on the bar at the top of the floating window, and drag it up to the status bar.

Close the floating window

You can use either of the following methods:

- Touch  at the top of the floating window.
- Touch and hold down on the bar at the top of the floating window, and quickly drag it downwards.

- Touch and hold down on the bar at the top of the floating window, and drag it down to  at the bottom of the screen.

Switch to split-screen mode

If you are not on the home screen, touch and hold down on the bar at the top of the floating window, and drag it to the left or right edge (in landscape mode) or the top or bottom edge (in portrait mode) of the screen.

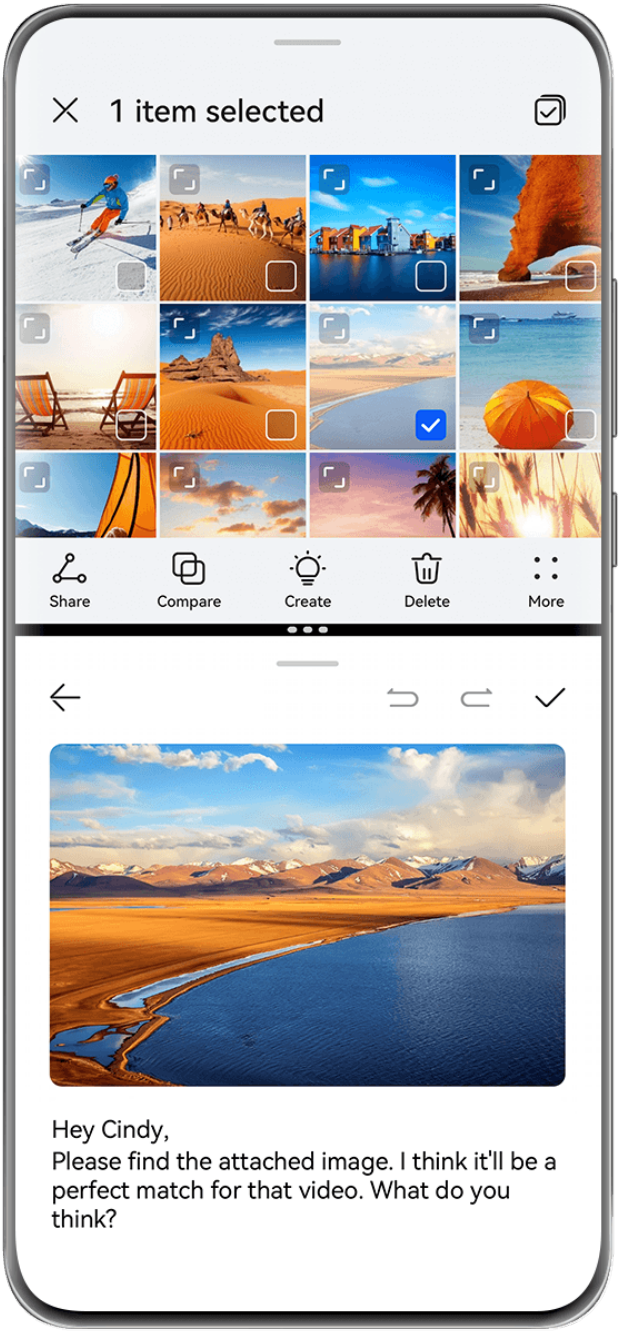
Find and Switch Between Floating Windows for Apps

You can quickly find and switch between floating windows for apps using the floating window management function.

1. Make sure that you have opened floating windows for multiple apps and minimized them into the floating ball.
2. Touch the floating ball to display all floating window previews:
   - **Browse through the floating window previews**: Swipe up or down to find the floating window preview of the app you are looking for.
   - **Display the floating window for an app**: Touch the floating window preview of the app to display it in a floating window.
   - **Close the floating window for an app**: Touch  on the floating window preview to close it.

Split the Screen, to Multi-Task Away

Open apps in split-screen mode, for seamless multi-tasking at all times.



- The figures are for reference only.
- Split-screen mode is only supported in certain apps.

Split the Screen

Before you get started, go to **Settings** > **Accessibility features** > **Multi-Window**, and make sure that **Multi-Window dock** is enabled.

You can enable split-screen mode in any of the following ways (depending on your device model):

- When an app is open and displayed in full-screen mode, swipe up from the bottom to or in the top left corner of the screen. Then open another app that supports split-screen mode.

- When an app is opened and displayed in full-screen mode, swipe inward from the left or right edge of your phone and hold, to bring up the Multi-Window dock. Hold down on an app in the dock, drag it on to the screen, and release.

Common Operations in Split-Screen Mode

When in split-screen mode, feel free to:

- **Switch split screens**: Touch or between the two split screens, and then touch **Flip top/bottom** or **Flip left/right**.

  You can also touch and hold down on at the top of a split screen until this split screen shrinks, then drag this split screen to the other split screen and release, to switch split screens.

- **Adjust the split screen ratio**: Drag between the two split screens to adjust the relative size of each split screen.

- **Switch a split screen to a floating window**: Touch and hold down on near the top of a split screen, and drag it to the left or right (in portrait mode) or downwards (in landscape mode).

- **Exit split-screen mode**: Drag or between the two split screens, until the other split screen disappears.

Save Split-Screen Combinations

In Split-screen mode, you can save common split-screen combinations to the home screen, and touch to apply them.

Touch or between the two split screens, and touch **Save combo** to save the split-screen combination to your home screen.

Touch the split-screen combination icon on the home screen to apply it.

Drag and Drop Between Apps with Multi-Window

Use the Multi-Window feature to easily drag and drop images, text, and documents between apps.

- **Drag and drop an image**: When taking notes with **Notepad**, open **Files**, select the photo you want to add, and drag it into the **Notepad** editor.
- **Drag and drop text**: When sending an SMS message, open **Notepad**, touch and hold the text you want to send, and drag it into the message text input box.
- **Drag and drop a document**: When writing an email, open **Files**, select the document you want to attach, and drag it into the email editor.

Not all apps fully support drag-and-drop with Multi-Window.

Multi-Window View for a Single App

You can create two task windows for the same app (such as **Email** and **Notepad**), and drag images, text, or documents between the windows.

This feature is unavailable in some apps.

Before you get started, go to **Settings** > **Accessibility features** > **Multi-Window**, and make sure that **Multi-Window dock** is enabled.

The following uses **Email** as an example.

To enable multi-window view for a single app:

1. On the home screen, open **Email**.
2. Swipe inward from the left or right edge of your phone and hold to bring up the Multi-Window dock.
3. Touch and hold down on the Email app icon in the dock, and drag it on to the screen and release, to open two windows within the app.

To drag images, text, or documents between a single app's split-screen windows:

- **Drag an image**: Select an image from one of the Email app's split-screen windows, and drag it to the other window.
- **Drag text**: Touch and hold down on the text and select the desired portion, from one of the Email app's split-screen windows, then touch and hold down on the text once again, and drag it to the other window.
- **Drag a document**: Select a document from one of the Email app's split-screen windows, and drag it to the other window.

Shrink an App Window or Split the Screen

In full-screen mode, you can shrink the app screen to turn it into a floating window, or create a split screen with another app as well, at any time.

This feature is unavailable in some apps.

Before using this feature, go to **Settings** > **System & updates** > **System navigation**, and select **Gestures**.

Shrink the app window

When an app is displayed in full-screen mode, swipe up from the bottom to  in the top right corner of the screen, to display the app as a small floating window. The small floating window will automatically display in Landscape mode, when you shrink a video or game app in landscape mode.

Small floating windows in Landscape mode are only supported in certain apps.



The figures are for reference only.

You can try the following:

- **To minimize a floating window**, hold down on the window, and drag it to the left or right edge of the screen, or quickly drag it to the left or right.
- **To close a floating window**, hold down on the window, drag it to at the bottom of the screen, or quickly drag it downwards.
- **To open in full-screen mode**, hold down on the window, drag it to the top of the screen, or quickly drag it upwards.
- **To enlarge the small floating window**, tap on it.

If you drag the bottom edge, two sides, or bottom corners of the standard-sized floating window to reduce the window to the smallest possible size, and then release the window, it will automatically shrink into a small floating window that remains fixed to the upper right corner of the screen.

Split the screen

1 When an app is displayed in full-screen mode, swipe up from the bottom to or in the top left corner of the screen.

2 Then open another split-screen-capable app to display both apps in split-screen mode.

Show Date and Time When the Screen Is Off

Always On Display

With **Always On Display** enabled, the lock screen will show the date, time, and more when the screen is off. You can customize the display style for Always On Display on your phone to suit your needs.

Go to **Settings** > **Home screen & style** > **Always On Display** and select your favorite Always On Display.

Enable Always On Display

1 Go to **Settings** > **Home screen & style** > **Always On Display**, touch ⋮ in the upper right corner, and enable **Always On Display**.

2 Follow the onscreen instructions to set **Display mode**.

Set Full-screen AOD

You can set the lock screen wallpaper of your phone as an AOD that stunningly takes up the entire screen for a better screen-off effect.

1 On the **Always On Display** screen, select a style under **Full screen**.

2 Enable or disable **Show notifications and battery** as needed.

3 Touch **Apply**.

Full-screen AOD will change with the lock screen wallpaper.

Select a GIF Image or Moving Picture

You can select a local image (such as a GIF image or moving picture) for Always On Display to make your display stand out.

1 From under **Images** on the **Always On Display** screen, go to + > **Select image** > ✓. After selecting a GIF image or moving picture, you can go to **Edit** > **Edit** to edit it.

2 Set other options available on the screen as needed, and touch **Apply**.

Set an AOD with Weather Information

Get the weather forecast at just a glance, by setting the right Always on Display (AOD).

1 On the **Always On Display** screen, select the weather style from the **Images** section. When using this feature for the first time, follow the onscreen instructions to download the weather AOD. You can touch **Preview** to view the AOD display.

2 Touch **Apply**.

To ensure the accuracy of weather information, make sure that you have set the location to your city in the Weather app.

Add Graffiti

Personalize your Always On Display (AOD) by having certain text display, selecting a preferred color scheme, and adding stickers.

1. On the **Always On Display** screen, select the graffiti style from the **Graffiti** section.
2. Enter the text in **Enter text**, and set the style options, such as **Color**, by following the prompt.

   You can also add **Stickers**, drag a sticker to relocate it, drag  to adjust the size and direction of the sticker, or touch  to delete the sticker.
3. Touch **Apply**.

Create an Artistic Image for Always On Display

You can choose from multiple modern art styles. You can also specify the color scheme for the artistic image, by taking a photo or choosing from your favorite photos. The colors in the photo will form a color palette for the artistic image.

1. From under **Artistic** on the **Always On Display** screen, touch the style you would like to use.
2. Set the related options for the **Artistic** style, such as **Layout**.
   When setting **Color**, your phone can parse the colors in your specified photo and apply the abstracted color palette to the artistic image.

   Touch , take a photo or select a photo from Gallery, and then go to  > **Extract colors**.
3. Touch **Apply**.

Clock Styles

You can select an **Analog** or **Digital** clock style for Always On Display.

1. From under **Analog** or **Digital** on the **Always On Display** screen, swipe left or right to browse the clock styles and select your preferred clock style.
2. Set the related options for the selected clock style, such as **Show date**.
3. Touch **Apply**.

Get More Styles for Always On Display

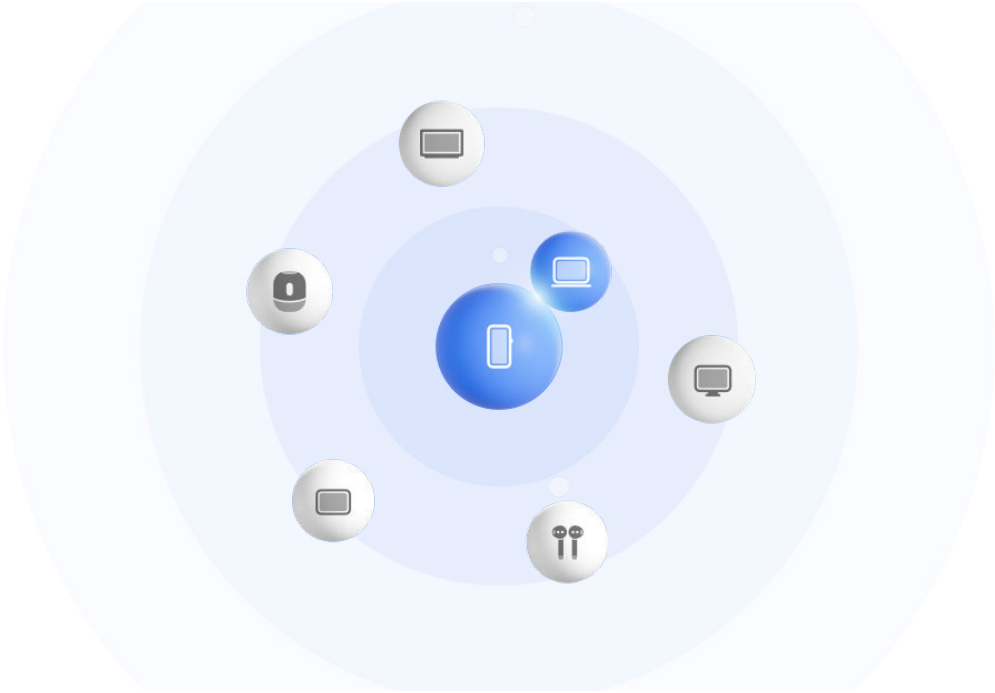
On the **Always On Display** screen, touch **My AODs** or **More AODs**.

Smart Features

Super Device

Switch Seamlessly Between Screens, with Super Device

Use **Super Device** for multi-device collaboration with just a tap, to turn all of your smart devices into one cohesive unit. For example, when you come home, you can have an ongoing MeeTime call transferred to your HUAWEI Vision for a more immersive experience; when you return to the office, you can continue editing the same documents on your computer, by picking up right from where you had left off on your phone.



The figures are for reference only.

Set Super Device Before Getting Started

Before using **Super Device**, enable Bluetooth and Wi-Fi on your phone, and log in to your HUAWEI ID.

Make sure that the screens of your other devices remain on, and apply the following settings on these devices:

Device types supported by **Super Device** may vary by product.

- **Phone**: Enable Bluetooth and Wi-Fi.
  Only phones that support Multi-cam mode can be used as connected devices. You can check whether Multi-cam mode is supported by going to **Camera** > **More** .
- **Tablet**: Enable Bluetooth and Wi-Fi.
- **Tablet with an E Ink display**: Enable Bluetooth and Wi-Fi, and make sure that it is logged in to the same HUAWEI ID as your phone.

- **Computer**: Enable Bluetooth and Wi-Fi, and make sure that it is logged in to the same HUAWEI ID as your phone.
- **Vision or Monitor**: Enable Bluetooth and Wi-Fi.
- **Smart speaker or printer**: Make sure that it is connected to the same LAN as your phone, paired in AI Life with your phone, and logged in to the same HUAWEI ID.

  Enter the **AI Life** home screen, go to +, and follow the onscreen instructions to complete the connection.
- **Earphones or glasses**: Make sure that they are paired and connected to your phone via Bluetooth.
- **Watch or band**: Make sure that it is paired with your phone via Huawei Health, and logged in to the same HUAWEI ID.

If your phone is not pre-installed with some relevant apps, download it from **AppGallery**.

Create Your Super Device by Connecting to Nearby Devices

If the devices are logged in to the same HUAWEI ID

1. Log in to the same **HUAWEI ID** on this device and the device to be connected.
2. Go to **Control Panel** > **Super Device** and touch the icon of the device to be connected to initiate the default collaboration.

   Alternatively, you can touch and then the icon of the device to be connected, and select your desired collaboration scenario from the menu as needed.

If there are multiple collaboration scenarios available, go to **Super Device**, and touch and then the icon of the device to be connected, to switch between collaboration scenarios from the menu.

If the devices are not logged in to the same HUAWEI ID

1. On the phone/tablet that you wish to connect to, go to **Settings** > **Super Device** > **This device** > **Visible to**, and select **All nearby devices**.
2. Swipe down from the upper right corner of this device to display **Control Panel**, and touch in **Super Device**.
3. Touch +, select the device that you wish to connect to, and follow the onscreen instructions to complete the connection.

   To unlink a device that is logged in to a different HUAWEI ID, touch in **Super Device**, touch and hold down on the device, and touch **Delete**. You can also go to **Settings** > **Super Device**, select the device that you wish to unlink in **Other devices**, and touch **Delete**.
4. Touch the icon of the device to be connected and select a collaboration scenario from the menu to initiate collaboration.

If there are multiple collaboration scenarios available, go to **Super Device**, and touch and then the icon of the device to be connected, to switch between collaboration scenarios from the menu.

Transfer MeeTime Calls and Streaming Audio to Connected Devices

Use **Super Device** to transfer a video (for example, a video in HUAWEI Video), song, or MeeTime call from your phone to another device, and pick up from exactly where you had left off, without missing a beat.

MeeTime: This feature is only available in some countries and regions.

For instance, you can:

- Transfer **videos** to tablets.
- Transfer **MeeTime** calls to Visions.
- Transfer **music** to Bluetooth earphones, speakers, glasses, Visions (screen off), and head units.

Device types and transfers supported by **Super Device** may vary depending on the product.

1. To complete the settings on the phone and the device to be connected, please refer to Super Device Required Settings.
2. Swipe down from the upper right corner of your phone to display **Control Panel**, and touch in **Super Device** to search for nearby available devices, or go to > to link a new device.
3. Open an app (such as HUAWEI Video or HUAWEI Music) on your phone.
4. Go to **Control Panel** on your phone, touch the icon of the target device in **Super Device**, and follow the onscreen instructions to complete the transfer.

   Alternatively, touch , drag the target device to this device, and follow the onscreen instructions to complete the transfer.

Multi-Screen Collaboration on a Computer or Tablet

Connect your phone to a computer or tablet via **Super Device** to make office work more efficient and collaborative. View and edit files, drag and drop them between devices, copy and paste text, and even browse phone apps, from the Multi-Screen Collaboration window on your computer or tablet.

1. To complete the settings on the phone and the device to be connected, please refer to Super Device Required Settings.
2. Swipe down from the upper right edge of your phone to display **Control Panel**, and search for or link the device you wish to connect to in **Super Device**, using the methods below:

- **Search for computers**: Touch  to search for nearby computers that can be connected to.
- **Search for tablets**: Touch  to search for nearby tablets that can be connected to, or go to  >  to search for and link with a tablet.

3 In **Super Device** of **Control Panel** on your phone, touch the device that you wish to connect to, to complete the connection.

You can also touch  and then the icon of the device to be connected, and select **Multi-Screen Collaboration** from the menu.

To end the collaboration, touch the icon of the connected device again on the **Super Device** screen on your phone.

Clip Text or Images Across Devices

Copy-and-paste images, text, and other materials between your phone and tablet, using the shared clipboard, to craft stunning posters that put the world on notice!

Enable Cross-device Clipboard

1 Log in to the same **HUAWEI ID** on your phone and tablet, and connect both devices to the same Wi-Fi network.

2 Go to **Settings** > **Super Device** > **Cross-Device Clipboard**, and make sure that **Cross-Device Clipboard** is enabled.

3 Copy text or a picture from one device to another.

This feature is supported in HUAWEI Notepad, Email, Gallery, Browser, and select third-party apps.

Copy and Paste Text or Pictures Across Devices

Copy and paste text

1 Touch and hold the text to be selected within an app (such as Notepad, Email, or Browser) on a device until  is displayed.

What happens after you touch and hold the text may vary between apps. Perform operations as prompted.

2 Drag  and  to select just the words you want, or touch **Select all**.

3 Touch **Copy** or **Cut** as required.

4 On another device, touch and hold where you want to insert the text within an app (such as Notepad or Email) and touch **Paste**.

Copy and paste pictures

1 Touch and hold the picture you want to copy within an app (such as Notepad or Email) on a device and touch **Copy**.

You can also select a picture in your Gallery and go to ••• > **Copy to clipboard** to copy it.

2 On another device, touch and hold where you want to insert the picture within an app (such as Notepad or Email) and touch **Paste**.

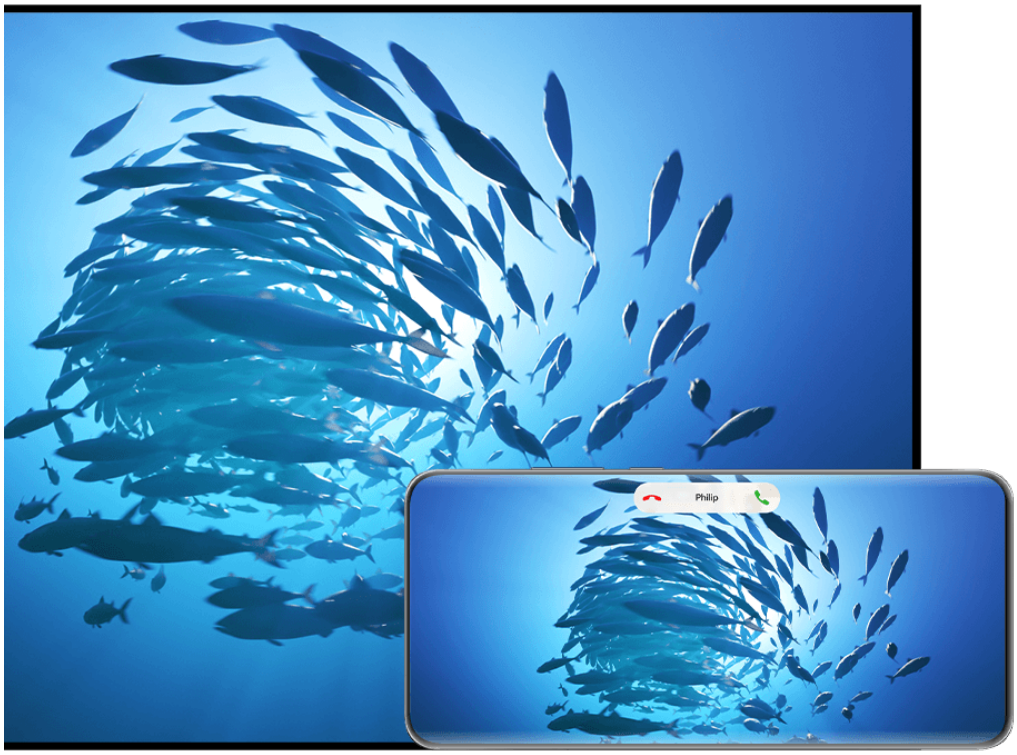
Easy Projection

Project Your Phone Screen Wirelessly

Project your phone wirelessly to stream movies and work on a large-screen device (such as a Vision).

The projection method may vary depending on the display device. The following uses projecting to a HUAWEI Vision as an example.

Before using this feature, please update the Vision to the latest version.



The figures are for reference only.

1 On the Vision home screen, go to **Settings** > **Network & connections/Remote & connections**, and make sure that **Projection** is enabled.

2 Swipe down from the upper right corner of the phone screen to display **Control Panel**, touch **Wireless Projection**, and follow the onscreen instructions. Your phone will then start searching for available Vision products.

You can also go to **Settings** > **More connections** > **Easy Projection** or **Settings** > **More connections** > **Wireless Projection**, and enable **Wireless Projection** (depending on your device model).

3 Touch the device that you wish to project your phone to from the detected Vision products.

Once the projection is successful, touch the capsule at the top of the phone screen. In the Live view, perform the following steps:

- By default, banner notifications for incoming calls, messages, and alarms, Notification Panel, Control Panel, and Multi-Window will only display on your phone instead of the Vision. To change the settings, touch the blank area in the Live view and disable **Hide notifications** in the displayed dialog box.

  The **Hide notifications** feature is only supported on certain products.

- Touch any blank area in the Live view. In the displayed dialog box, you can select whether the audio will play from the phone or the Vision.

You can exit the projection using either of the following methods:

- Touch the capsule at the top of the phone screen, and touch in the Live view.
- Swipe down from the upper left corner of your phone to display the notification panel, and touch .

Use Desktop Mode to Make Work More Convenient

In **Desktop mode**, your phone and the large-screen device work independently and can show different content. The content of a phone projected on the large-screen device is in a layout similar to that of the computer desktop.

Once your phone screen is projected, touch the capsule at the top of the screen, touch any blank area in the Live view, and touch **Desktop mode** in the displayed dialog box, to begin using the large-screen device.

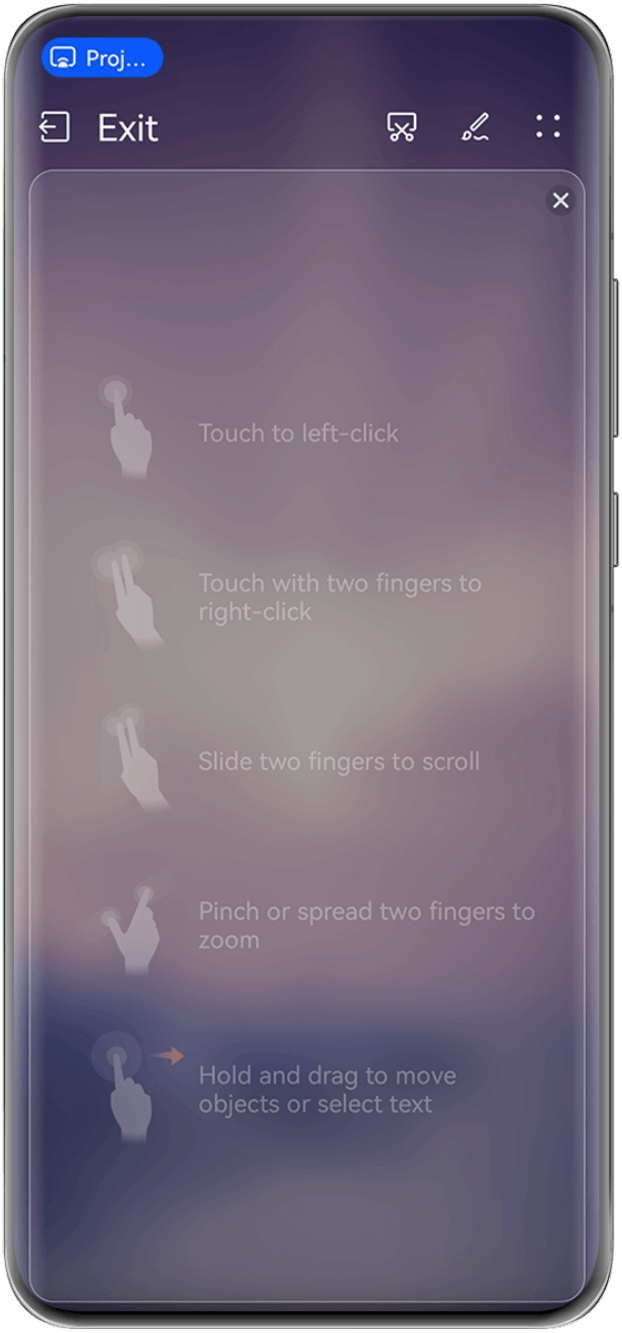
For example, you can edit a document on the large-screen device while chatting on your phone. You don't need to worry about missing out on notifications, calls, or messages, as a red dot will appear on the notification panel on the large-screen device to let you know.

Use Your Phone as a Touchpad

After your phone screen is projected to a large-screen device in **Desktop mode**, if no keyboard or mouse is available, your phone can work as a touchpad to complete input operations of a mouse and keyboard.

Touch the capsule at the top of the phone screen, touch any blank area in the Live view, and touch **Touchpad** in the displayed dialog box. From there, feel free to:

- Use gestures as instructed to simulate mouse commands.



The figures are for reference only.

- When no external keyboard is connected, touch the text input box on the large-screen device to display the onscreen keyboard to input text.

  If an external keyboard is connected, the onscreen keyboard will not be available. In this case, you need to use the external keyboard to input text.

Project the Phone's Screen to the Large-Screen Device to Make Work Easier

In **Desktop mode**, you can use the following features:

- **Multi-window display**: Open multiple windows at a time to multitask.
- **File management**: Save files to the desktop, create files or folders, and rename or delete files.
- **Quick search**: Search for documents, multimedia files, and apps using the start menu search box.

- **Quick app projection**: Touch and hold down on an app icon on your phone, and touch the projection menu to project the app to the large-screen device and open it.

Exit Desktop Mode

You can exit Desktop mode in either of the following ways:

- In **Touchpad** mode, touch the **Exit** icon at the top of the screen.
- Touch the capsule at the top of the screen, touch in the Live view.

In Desktop mode, if you go to > to exit wireless projection, Desktop mode will be enabled by default for the next projection.

Tap to Project Your Phone to a Vision

With just one tap, you can project videos or games from your phone to a Vision to enjoy them on a larger display.

Before using this feature, please update the Vision to the latest version.

1. On the home page of the Vision, go to **Settings** > **Connections/Remote & connections**, and enable **Projection**, while keeping the screen on.
2. Swipe down from the upper right corner of your phone to display **Control Panel**, enable **NFC**, **Wi-Fi**, and **Bluetooth**.
3. Tap the NFC area (around the rear camera) on the phone against the non-key area near the bottom of the Vision remote control, hold for 2 to 3 seconds, and follow the instructions on your phone to select the device to which you wish to project.
4. When connecting for the first time, confirm the connection on your phone and Vision as prompted.

To disconnect the two devices, swipe down from the upper left corner of your phone to display the notification panel, and touch in the projection notification.

- Screen projection with a tap won't work if your phone is locked or the screen is off.
- This feature is only available in some countries and regions.

Multi-screen Collaboration

Multi-Screen Collaboration Between Your Phone and Laptop

Once your phone is connected to the laptop, the phone mirroring window will display on the laptop. You can then use the keyboard and mouse to control your phone, share and edit files, and copy and paste text between the two devices.

- Features and operations may vary depending on the PC Manager version.
- It is recommended that you update PC Manager to the latest version by going to ••• > **Check for updates**.



The figures are for reference only.

Connect Your Phone to Your Laptop Through OneHop

1. Ensure that your laptop has a **Huawei Share** sensor or an area with a label.
2. On your laptop, enable Wi-Fi, Bluetooth, and PC Manager, and agree to the user license agreement.
3. Swipe down from the upper right edge of your phone to display **Control Panel**, and enable **NFC**, **Wi-Fi**, and **Bluetooth**.
4. Tap the NFC area (near the rear camera) on the back of your phone against the **Huawei Share** sensor of your laptop, or the area with a label, until your phone vibrates or plays a tone.
5. Follow the onscreen instructions on your phone and laptop to complete the connection.

Connect Your Phone to Your Laptop via Bluetooth

1. Swipe down from the upper right edge of your phone to display **Control Panel**, and touch **Bluetooth**.
2. Open PC Manager on your laptop, and go to **My devices** > **My Phone** > **Connect**. Place your phone above the keyboard, and your laptop will start searching for your phone.
3. Follow the onscreen instructions on your phone and laptop to complete the connection.

Connect Your Phone to Your Laptop by Scanning the QR Code

1 Open PC Manager on your laptop, and go to **My devices** > **My Phone** > **Connect**, and click on the QR code in the upper left corner.

2 Swipe down from the upper right edge of your phone to display **Control Panel**, and touch in the shortcut switch panel; you could also open **Camera**, touch , and select **Code scanner** instead. Then scan the QR code displayed on your laptop.

3 Follow the onscreen instructions on your phone and laptop to complete the connection.

Connect Your Phone to Your Laptop Using Super Device

1 Enable **Bluetooth** and Wi-Fi on your phone and laptop, and log in to the same **HUAWEI ID** on both devices.

2 Swipe down from the top right corner of your phone to display **Control Panel**, and touch the icon of the computer to be connected in **Super Device** to initiate a connection.

You can also touch and then the icon of the computer to be connected, and select **Multi-Screen Collaboration** from the menu.

Connect Your Phone to Your Laptop via a USB Cable

1 Use a USB cable to connect your phone to your laptop.

2 Open PC Manager on your laptop.

3 Confirm the connection on your phone.

If you have canceled the connection on your phone and wish to re-establish the connection, open PC Manager and go to **My devices** > **My Phone** > **Connect** > **Other ways to connect** > **USB**.

Disconnect Your Phone from Your Laptop

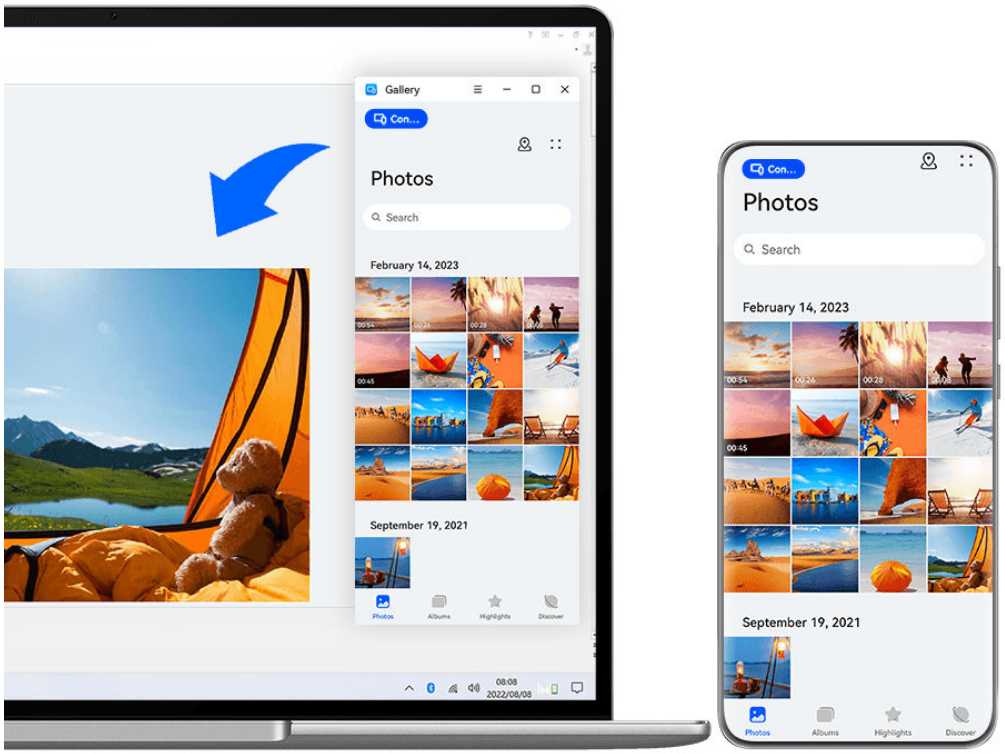
After you have finished using Multi-Screen Collaboration, you can disconnect your devices using any of the following methods:

- Open PC Manager on your laptop, and go to **My devices** > **My Phone** > **Disconnect**.
- Touch the capsule at the top of the phone screen, and touch in the Live view.
- Swipe down from the upper left corner of your phone to display the notification panel, and touch .
- If your phone and laptop are connected via a USB cable, remove the cable to disconnect them.

Drag to Transfer Files Between Your Phone and Laptop

After connecting your phone to a laptop, you can transfer files between them to work more efficiently.

- The features and operations may vary between PC Manager versions.
- It is recommended that you update PC Manager to the latest version by going to ••• > **Check for updates**.



The figures are for reference only.

Drag and Drop Files

After Multi-Screen Collaboration is established between your phone and laptop, you can drag and drop files such as pictures and videos between them to make your work easier.

From phone to laptop:

- In the phone window on your laptop, open **Gallery** or **Files**, click and hold down on a picture or video, click and hold down on the selected files until a dragging icon displays, then drag the files to a folder or the desktop on your laptop.
- In the phone window on your laptop, drag a selected picture or a segment of text and drop it in an opened document on your laptop.
  For example, drag a picture or a segment of text from Notepad in the phone window, and drop it into an Office document opened on your laptop, then continue editing on your laptop.

Transfer files from your laptop to your phone:

- Drag and drop a picture or video from your laptop to **Gallery** > **Albums** in the phone window on your laptop.
- Drag and drop a file from your laptop to **Files** in the phone window on your laptop.

The file will be saved in the folder that is open in **Files**, or in the **Huawei Share** folder by default.

- Drag and drop a picture or a segment of text from your laptop to an opened document in the phone window on your laptop.
  For example: Drag and drop a picture from your laptop to an opened note in the phone window, then continue editing on your phone.

Access Phone Apps and Files on Your Laptop

After Multi-Screen Collaboration is enabled between your phone and laptop, you can use a mouse and keyboard with the laptop to facilitate using phone apps and files.

- The features and operations may vary between PC Manager versions.
- It is recommended that you update PC Manager to the latest version by going to ••• > **Check for updates**.

Access Phone Apps from Your Laptop

Use a mouse to perform operations quickly

- **Open an app**: Click an app in the phone window to open it.
- **Browse a page**: Use the mouse scroll wheel to browse web pages in the phone window or scroll between home screen tabs.

Use a keyboard to perform operations quickly

- **Input text**: Use the input method on your laptop to enter text in the phone window.
- **Copy and paste text**: Press Ctrl+C on the laptop keyboard to copy text and press Ctrl+V to paste it in the phone window.
  To view information about the text you have copied recently, click Notification Center of PC Manager on your laptop, then select **Clipboard**.
- **Send messages quickly:** Press Ctrl+Enter on the laptop keyboard to quickly send the message edited in the phone window
- **Exit an app:** Press the ESC key on the laptop keyboard to exit an app in the phone window.

Always display the phone window on the top

In the phone window on your laptop, click ☰ >  to pin the window so that it will always display on the top, and click this icon again to unpin the window.

Answer a Voice or Video Call on Your Laptop

Once you've connected your phone and laptop, you'll be able to use the laptop to answer voice and video calls (such as those in WeChat and MeeTime) from your phone. During a call, the audio and video can be played through your computer and its accessories such as the speaker and camera.

Swipe down from the upper left corner of your phone to display the notification panel or touch the capsule at the top of the screen, and touch any blank area in the Live view, to switch between playback devices in the dialog box.

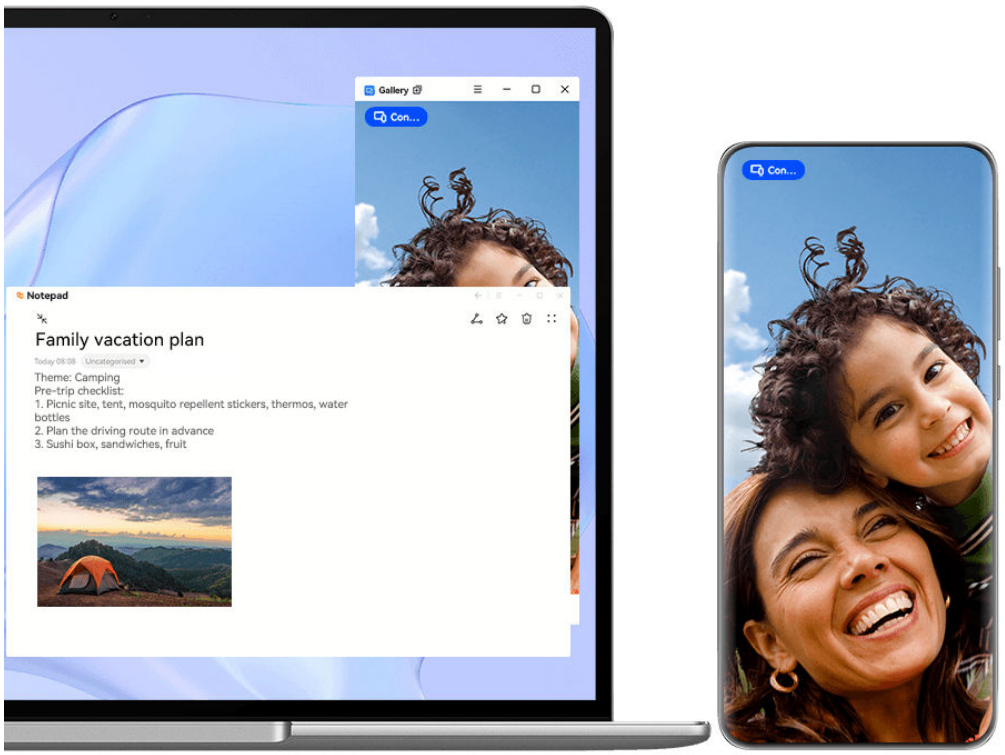
Open and Edit Files on Your Phone Using Laptop Apps

After connecting your Phone to your laptop, you can open and edit various files on your Phone with laptop apps.

- **Documents:** Use laptop Microsoft Office to open a document.
- **Pictures:** In PC Manager, go to **My devices** > **My Phone** to view pictures on your Phone. You may also use a photo viewing or editing app on your laptop, such as Photoshop, to open and edit a picture.
- **Audio and video files:** In PC Manager, go to **My devices** > **My Phone** to view audio and video files on your Phone. You may also use a laptop player, such as Windows Media Player, to open the files.
- **Web pages**: Use a laptop browser, such as IE, to open a web page.
- **Compressed files**: Use a file compression app on your laptop, such as WinRAR, to extract and open compressed files.

Open Multiple Phone App Windows on Your Laptop

Once you've connected your phone and your laptop, you'll be able to open multiple phone app windows on the larger laptop display, and multi-task away without shifting your gaze.



This feature is unavailable in some apps.

Open an app, for example, Notepad, in the phone window on your laptop and click  in the window to display the app in a separate window. Alternatively, click and hold down on the app icon, and click **Open in new window**. You can then open an independent app window, and open another app in the phone window.

If the  icon in the upper part of the window is grayed out, the app does not support independent window display.

Some apps even adapt to the larger laptop screen and support a special large-window display. The large-window display supports the following two modes during Multi-Screen Collaboration:

- **Landscape large-window mode**: Apps display in Landscape mode with a larger window that shows you more content and a clearer view.
- **App Multiplier mode**: The app home screen displays in the center of the laptop screen. When you click an item on the home screen, a new window will open and display beside the app home screen, which makes it easier to read and browse.

The independent app window can be adjusted as follows:

- **Resizing**: Click to minimize the window, or click  to maximize the window. To adjust the window size, move the cursor to any square corner of the app window, wait for the  icon to display, hold down on the left mouse button, and drag the window to your desired size.
- **Pinning the window to the top**: Click  >  at the top of an app window to pin the window to the top, which prevents it from being blocked by other windows.

Landscape large-window mode, App Multiplier mode, and free window resizing are only supported on certain laptop models. Please update PC Manager to the latest version and try again. You can go to  > **Check for updates** in PC Manager to update it.

Multi-screen Collaboration Between Your Phone and Tablet

Connect your phone and tablet to use Multi-screen Collaboration for cross-device operations, such as to display your phone screen on the tablet, use your phone apps on the tablet, drag files across the two devices, copy and paste text, and edit a file from your phone on the tablet.



The figures are for reference only.

Connect Your Tablet and Phone

This feature is only supported on certain tablet models.

You can choose a proper connection method based on the version of your tablet.

Auto-detect (device nearby):

1. Swipe down from the upper right corner of the tablet to display **Control Panel**, and touch **Multi-Screen Collaboration**.
2. Swipe down from the upper right corner of your phone to display **Control Panel**, and enable **Bluetooth**.
3. Hold your phone close to your tablet and follow the onscreen instructions to establish a connection.

Scan a QR code to connect:

1. Open **Multi-Screen Collaboration** on your tablet, and touch **Scan to connect**.
2. Make sure that your phone is connected to the Internet, and then connect your phone and tablet by following the instructions on the Scan to connect screen on your tablet.

Connect via Super Device:

1. Enable Bluetooth and Wi-Fi, and log in to your HUAWEI ID on your phone and tablet.
2. In **Super Device** on your tablet, touch the phone icon to complete the connection.

   You can also touch , then touch the phone icon, and select **Multi-Screen Collaboration** from the menu.

Access Phone Apps and Files from Your Tablet

After connecting your phone with your tablet, navigate on your phone from the convenience of the tablet screen, such as browsing phone apps and files, viewing phone notifications (such as SMS messages), and making or answering phone calls.

When your phone screen is unlocked, you can perform the following operations in the phone window on your tablet:

- Open **Phone** to make a call by dialing a number.
- Open **Messaging** to view and reply to SMS messages.
- Open **Gallery** or **Files** to view photos, videos, and files, as well as to play video or audio files from your phone.
- Touch the capsule at the top of your phone screen, and touch any blank area in the Live view. In the displayed dialog box, you can select whether the audio and video will play from the phone or the tablet.
- If your tablet is connected to an external keyboard or a stylus, you can use it to input text and control the phone window on your tablet.

Drag to Transfer Files Between Your Tablet and Phone

1. Open **Gallery** or **Files** in the mirror window on your tablet or phone, and touch and hold down on a picture, video, or other file to visit the multi-selection screen.
2. Select more files if needed, touch and hold down on any selected files once again, wait for a dragging icon to display, and drag the files.

For example, you can:

- Drag pictures and videos from **Gallery** or **Files** on your tablet to **Files** on your phone, or vice versa.
- Drag other types of files from **Files** on your tablet to **Files** on your phone, or vice versa.
- Drag a picture, text, or file from your phone to an open document on your tablet, such as a Microsoft Office document, memo, or email.

Transfer Audio and Videos Between Your Phone and Tablet

Unlock seamless connectivity with Multi-Screen Collaboration—effortlessly shift music, videos, or calls between your phone and tablet. Experience smooth transitions as the system intelligently switches cameras during video calls, ensuring every moment stays crystal clear on the device you're using.

From your phone to tablet: You can use either of the following methods:

- Swipe down from the top of the phone screen to display the Collaboration capsule , then tap the blank area in Live view. In the pop-up, select the tablet name in the **Switch audio/video** section.
- Swipe down from the upper left corner of the tablet to display the Notification Panel, tap in the collaboration notification, and then tap **Play audio/video on tablet**.

From your tablet to phone: You can use either of the following methods:

- Swipe down from the top of the phone screen to display the Collaboration capsule , then tap the blank area in Live view. In the pop-up, select **This device** in the **Switch audio/video** section.
- Swipe down from the upper left corner of the tablet to display the Notification Panel, tap in the collaboration notification, and then tap **Play audio/video on phone**.

Disconnect Your Phone from Your Tablet

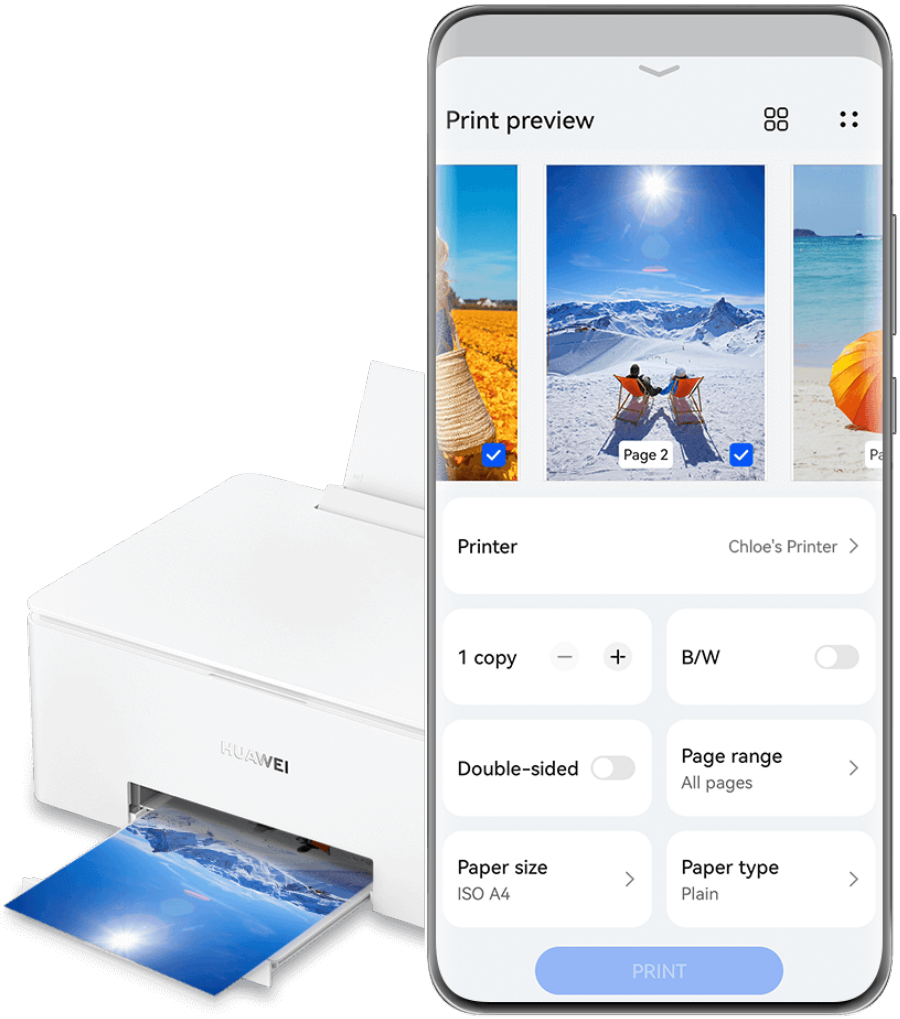
After you have finished using Multi-Screen Collaboration, you can disconnect your devices using the following methods:

- In the phone mirror window on your tablet, touch .
- Touch the capsule at the top of your phone screen, and touch in the Live view.
- Swipe down from the upper left corner of your phone to display the Notification Panel, and touch in the collaboration notification.
- Swipe down from the upper right corner of your phone to display **Control Panel**, and touch your tablet icon in **Super Device**.

Easy Print

Print Files with Huawei Print

Your phone comes with Huawei Print, which detects nearby printers, allowing you to touch to print images and documents from it!



The figures are for reference only.

Effortless File Printing, with Huawei Print

1 Enable **Wi-Fi** on your phone, and make sure that the target printer is connected to the same Wi-Fi network as your phone, or that Wi-Fi Direct is enabled.

2 To print files stored in different locations on your phone:

- **Gallery**: Open an image or select multiple images in **Gallery**, and go to **Share** > or **More** > **Print or export as PDF**.
- **Notepad**: Open a note in **Notepad**, and go to **More** > **Print**.
- **Files**: Select one or more files in **Files**, and go to **Share** > **Print**.

3 Touch **Select**, and select your desired printer from the printer list. Then set the number of copies, color, paper size, and other options on the preview screen, and touch **PRINT**.
If you've used **Huawei Print**, the printer that has been used last time will automatically connect during printing.

Once printing starts, the print capsule will display on your phone screen. To add a print task while printing, open the images and documents to be printed, touch the print capsule , and then touch in the Live view to add printing tasks to the queue.

Remotely Print Files with Huawei Print

If you own a Huawei printer, you can remotely print files from your phone, via **Huawei Print**.

1 Add a printer to the **AI Life** app on your phone.

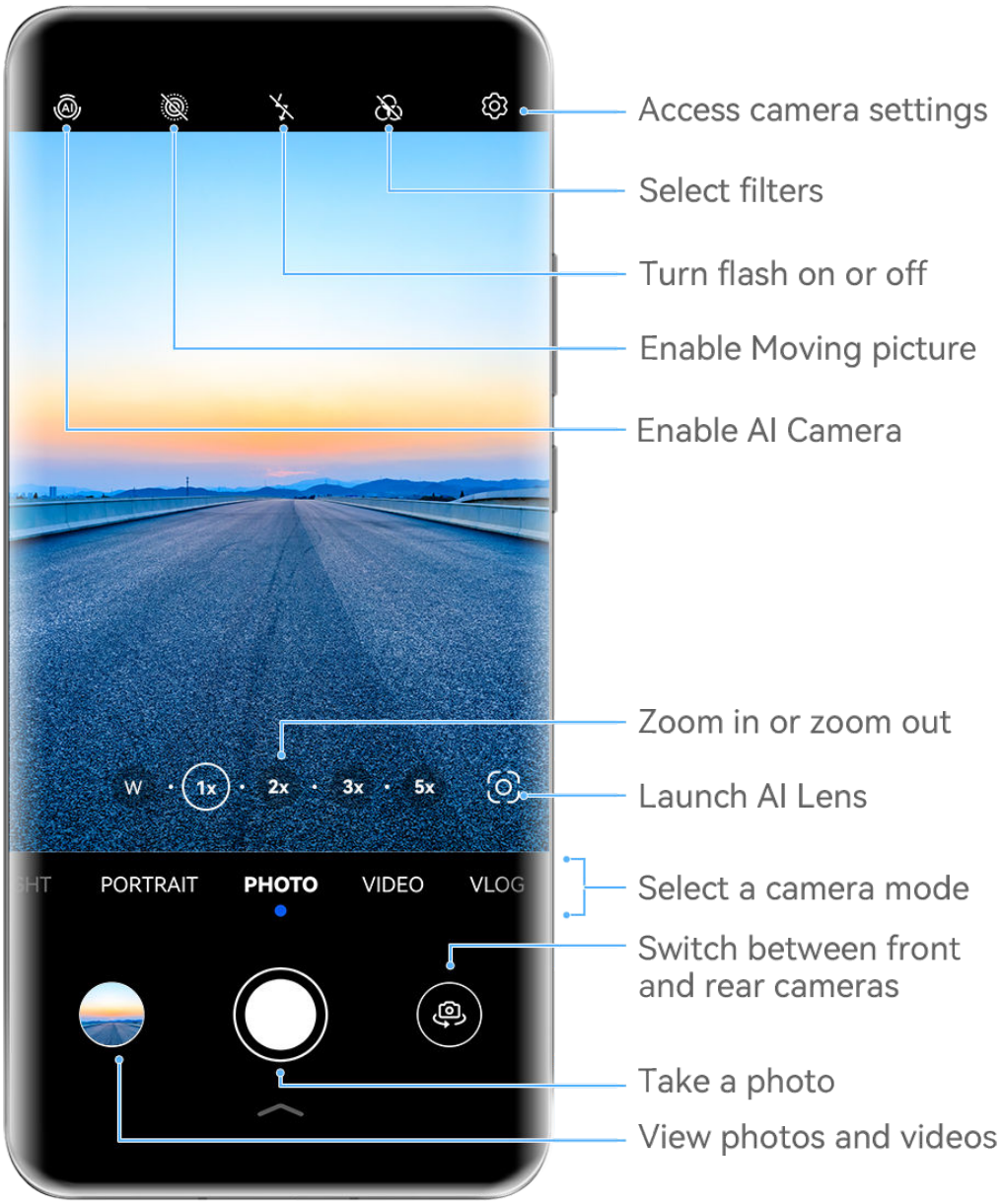
2 When you are away from your printer, you can remotely print files by referring to Effortless File Printing, with Huawei Print.

If your phone is not pre-installed with some relevant apps, download it from **AppGallery**.

Camera and Gallery

Take Photos

Take Photos



The figures are for reference only.

1 Open **Camera**.

2 You can then:

- Focus: Touch the location you want to focus on.

To adjust focus and metering separately, touch and hold the viewfinder and drag the respective frame or ring to the desired location.

- Adjust brightness: Touch the viewfinder. When the  symbol appears next to the focus frame, drag it up or down.
- Zoom in or out: On the viewfinder, pinch in or out, or drag the zoom slider.
- Select a camera mode: Swipe up, down, left, or right across the camera mode options.
- Turn the flash on or off: Touch  and select  (Auto),  (On),  (Off), or  (Always on).

  If you select  (Auto) and the camera detects that you are in a dimly lit environment, a flash icon will appear in the viewfinder and the flash will be automatically turned on when you take a photo.

These features may not be available in some camera modes.

3 Touch the shutter button to take a photo.

Shoot One-Handed Photos or Videos

When shooting a photo or video with just one hand, display the Camera Quick Menu from the bottom of the Camera screen, which gives you access to commonly-used features.

Open **Camera**, touch under the Shutter button, or swipe up near the Shutter button, to display the Camera Quick Menu, and touch the desired option.

Options in the Camera Quick Menu may vary by shooting mode. If does not display under a certain shooting mode, it indicates that the Camera Quick Menu is not supported under this mode.

Portrait Mode

Shoot Dazzling Portraits

Portrait mode comes with custom beauty and lighting effects to choose from, so that a touch of the shutter brings out your subject at their best.

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

2 Frame your subject within the viewfinder.

To take a selfie, touch  to switch to the front camera.

3 From there, feel free to:

- Enable beauty effects: Touch  to adjust the beauty settings.

Select **Natural**, **Delicate**, or **Stylish** effect when you are taking a selfie. Touch **Custom** to adjust the beauty effects.

Natural: Restores authentic colors, skin texture, and skin tone, to generate natural portraits.

Delicate: Adds eye makeup and lipstick colors.

Stylish: Brightens skin tone and applies subtle makeup effects to create pleasant contours.

Custom: Allows you to adjust **Soften**, **Contour**, and **Tone** to apply custom beauty effects.

To disable beauty effect, you can set the beauty parameters to the lowest value when shooting with the rear camera, and select the **Natural** effect when shooting with the front camera.

- Set lighting effect: Touch  and select an effect as you prefer.
- Light compensation: When you switch to the front camera in dim lighting conditions, you can touch the flash icon to enable light compensation.

  Touch the flash icon and select  (auto) or  (steady on).

  Not all devices support all of these features.

4 Touch the shutter button to take a photo.

Night Mode

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** or go to **Camera** > **More** (depending on your device model), and select **Night** mode.

2 When shooting with the rear camera, some phones allow you to adjust the ISO sensitivity and shutter speed by touching ISO or S in the viewfinder.

3 Steady your phone and touch the shutter button.

4 Your phone will adjust the exposure time based on the ambient brightness. Keep your phone steady until the countdown finishes.
You can also touch the shutter button to take a photo before the countdown finishes.

Some phones do not support ending a countdown before it is due to finish.

Take Dazzling Night Selfies

To take a selfie at night, or in a low-light environment, simply use the front camera in Night mode.

In dim environments, you can turn on the flash to illuminate your face.

1 Open **Camera** or go to **Camera** > **More** (depending on your device model), and select **Night** mode.

2 Touch to switch to the front camera. From there, feel free to:

- Touch the flash icon and select (auto) or (steady on) to enable the flash. This allows you to capture a well-lit photo of your face when you are in a poor lighting environment.
- Touch to adjust the beauty effects.

  If you can't find the icon in the viewfinder of your phone, it means that Beauty mode is not available.

3 Steady your phone and touch the shutter button.

AI Camera

Take Professional-Looking Photos with AI Camera

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

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

2 Touch 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 greenery or text).

4 To disable the recommended scene mode, touch next to the mode text or turn off .

Take Photos with Various Zoom Settings

Take Photos with Various Zoom Settings

The zoom capabilities of your device's camera allow you to capture more of a scene, or distant vistas.

Take Wide-Angle Photos

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

2 Point the camera at the subject and zoom in or out using the side bar, or by pinching or spreading two fingers on the screen. The smaller the value, the wider the angle of view.

3 Touch to take a photo.

Take Automatic Wide Angle Selfie Shots

When you are using the front camera to take a selfie and rotating your phone to switch from portrait to landscape mode, your phone will automatically switch to the wide angle to capture a broader view.

1 Open **Camera**, touch **Photo** or **Portrait**, and touch to switch to the front camera.

2 Rotate your phone to switch from portrait to landscape mode. The camera will switch to the wide angle view.
You can also drag the zoom slider in the viewfinder to manually adjust the zoom level.

3 Touch to take a photo.

Take Photos from a Distance

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

2 Point the camera at a distant subject, and drag the zoom slider, or pinch or spread out two fingers on screen, to adjust the focal length.
If your phone supports zoom values of more than 10X, a picture-in-picture preview frame will display in the viewfinder to help you focus on your subject when you zoom in beyond 10X.
This picture-in-picture preview frame is only supported on certain products.

3 In the viewfinder, touch the area in which you wish to focus. When the camera is in focus, touch .

Moving Pictures

Take Moving Pictures to Bring Photos to Life

Can't quite capture that perfect moment? Moving picture shoots a short period of movement and sound before and after you touch the shutter button, to bring that elusive snapshot you just missed… into full view!

Take Moving Pictures

1 Go to **Camera** > **Photo** and touch to enable Moving picture, or go to **Camera** > **More** and select **Moving picture** (depending on your device model).

2 Touch the shutter button to shoot.

Play Moving Pictures

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

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

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

Save a Moving Picture as a GIF File or Video

To save a moving picture as a GIF file or video, touch the moving picture in the album, touch • • • •, then select **Save as video** or **Save as GIF**.

Share Moving Pictures

Share moving pictures to your HUAWEI devices via Bluetooth or Huawei Share.

Go to **Gallery** > **Albums** > **Camera**, touch and hold to select the moving pictures that you wish to share, and touch . Then follow the onscreen instructions to complete the process.

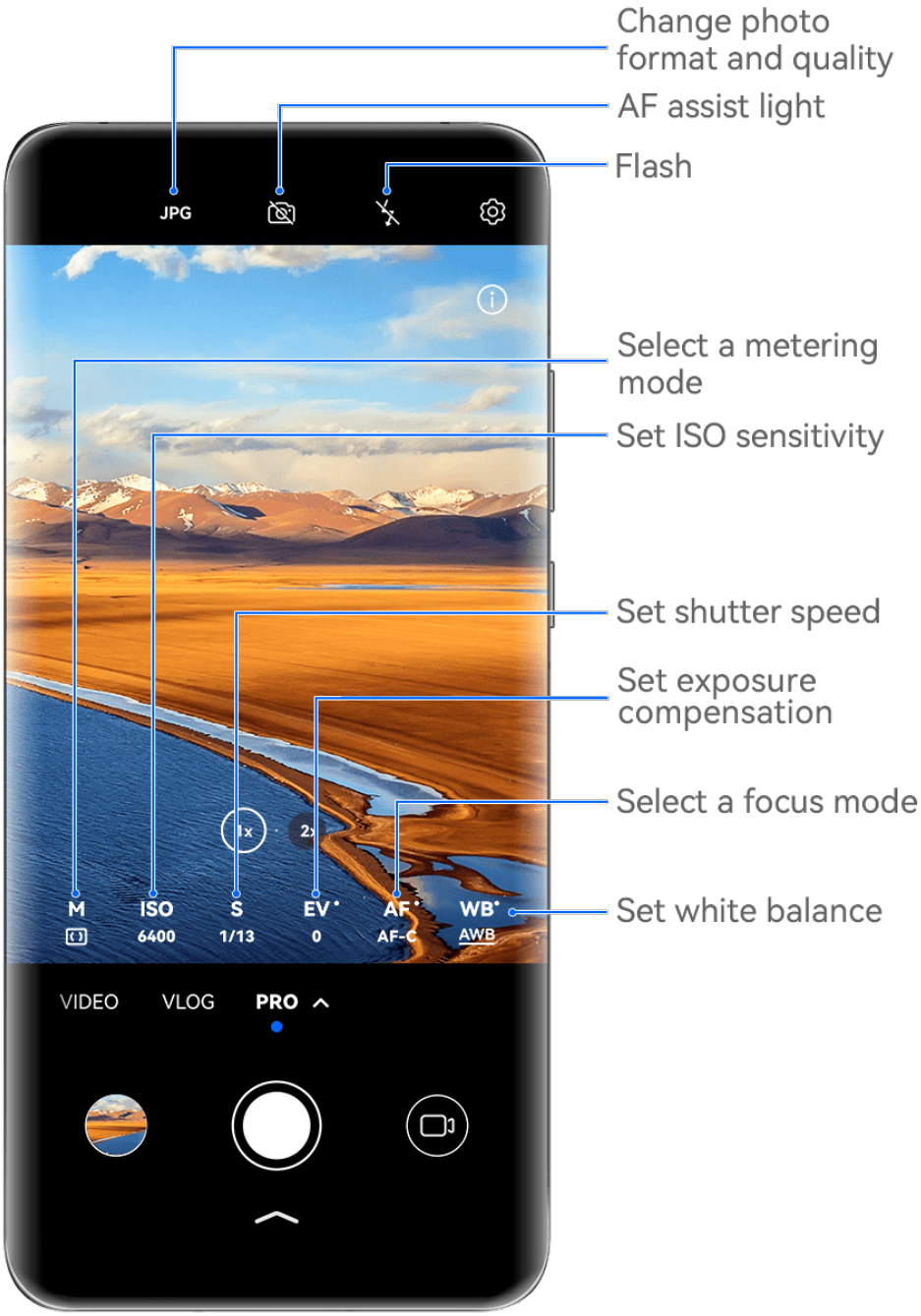
If you share moving pictures to third-party apps or incompatible devices, moving pictures will be displayed as static images.

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.

Shoot to Stun, with Pro Mode



The figures are for reference only.

1 Open **Camera** or go to **Camera** > **More** (depending on your device model), and select **Pro** mode.

2 From there, you can:

- Adjust the metering mode: Touch **M** and select a metering mode.

Metering mode	Overview
Matrix	Measures light across the entire frame; ideal for shooting natural landscapes.
Center	Focuses on light near the center of the screen; ideal for shooting portraits.

Metering mode	Overview
Spot	Focuses on light from a specific region, such as a subject's eyes.

- Adjust the ISO sensitivity: Touch **ISO** and drag the slider.
  In low-light settings, you'll generally want to increase the ISO sensitivity. In well-lit settings, you'll want to reduce it to avoid image noise.
- Adjust the shutter speed: Touch **S** and drag the slider.
  The shutter speed determines the amount of light that is able to enter the camera lens. When shooting stationary scenes or portraits, it's recommended that you use a slower shutter speed. Likewise, when shooting fast-moving scenes or objects, you'll want to increase the shutter speed.
- Adjust EV exposure compensation: Touch **EV·** and drag the slider.
  It's recommended that you increase the EV value in low-light environments, and decrease it in well-lit environments.
- Adjust the focus: Touch **AF·** and select a focus mode.

Focus Mode	Usage scenarios
AF-S (single)	Stationary subjects
AF-C (continuous)	Moving subjects
MF (manual)	Touch the subject of interest to focus in on them, such as the subject's face.

- Adjust the color cast: Touch **WB·** and select a mode.
  When shooting in bright daylight, select . When shooting in overcast conditions or low-light environments, select .
  Touch to adjust the color temperature.
- Select the storage format: **Pro** mode allows you to save the photo in different formats.
  Touch JPG in the viewfinder to select your preferred format.

3 Touch the shutter button to take a photo.

- These features are only supported on certain device models.
- Changing a specific setting will sometimes cause other settings to change as well. Adjust them according to your actual requirements.

Use Pro Mode to Record Videos

1 In **Pro** mode, touch to switch to Video mode. You can then:

- Adjust the metering mode: Touch **M** and select a metering mode.

Metering Mode	Description
Matrix	Measures the light in the whole frame. Applicable when shooting natural landscapes.
Center	Concentrates on the light at the center of the screen. Applicable when shooting portraits.
Spot	Concentrates on the light in a small area of the screen, such as the subject's eyes.

- Adjust the ISO sensitivity: Touch **ISO** and drag the slider.
  In low-light conditions, increase the ISO sensitivity. In well-lit environments, decrease the ISO sensitivity to avoid image noise.
- Adjust the shutter speed: Touch **S** and drag the slider.
  The shutter speed affects the amount of light allowed to enter the camera lens. When you are shooting stationary scenes or portraits, decrease the shutter speed. When you are shooting moving scenes or objects, increase the shutter speed.
- Adjust EV exposure compensation: Touch **EV·** and drag the slider.
  Increase the EV value in low-light conditions and decrease the EV value in well-lit environments.
- Adjust the focus: Touch **AF·** and select a focus mode.

Focus Mode	Description
AF-S (single)	Applicable to stationary subjects
AF-C (continuous)	Applicable to moving subjects
MF (manual)	Touch the subject on which you want to focus, such as the subject's face.

- Adjust the color cast: Touch **WB·** and select a mode.
  When shooting in bright sunlight, select . In dimly-lit environments, select .
  Touch to adjust the color temperature.

2 Touch to start recording.

- Not all devices support these features.
- Changing a specific setting will sometimes cause other settings to change as well. Adjust them according to your actual requirements.

Record Videos

Record Videos

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

2 Adjust the following settings:

- Zoom in or out: Pinch in or out on the viewfinder, or drag the zoom slider.
- Focus: Touch the location that you wish to focus on. Touch and hold down on the viewfinder to lock the exposure and focus.
- Turn the flash on or off: Touch , and select (steady on) or (off).
  When using the front camera to record a video in low-light conditions, you can set the flash to (steady on). The camera will help compensate for the lack of light in your environment.
- Adjust the beauty effects: Touch and drag the slider to adjust the beauty settings.
- Adjust the video resolution and frame rate: Go to > **Video resolution**, and select your desired resolution. A higher resolution will result in a higher quality video with a larger file size.

  You can go to > **Frame rate** to select your desired frame rate.
- Select a space-saving video format: Touch , and enable **High efficiency format**. Once this feature is enabled, your phone will use a video format that takes up less storage space. However, this may result in other devices being unable to play the video. Please exercise caution when enabling this feature.

Some of these features may not be supported on your device. Changing a specific setting will sometimes cause other settings to change as well.

3 Touch to begin recording.

Touch to take a shot of the current frame.

4 Touch to pause, and touch to stop recording.

Adjust Camera Settings

Adjust Camera Settings

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

Open **Camera**, touch , and adjust the settings at will.

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 Tags

To enable **Location tag**, enable Location Services for your phone first, then go to **Camera** > . Your photos and videos will then be tagged with location information.

You can touch and swipe up on a photo or video in Gallery to view its shooting location.

To enable Location Services on your phone:

- Swipe down from the upper right edge of the phone to display **Control Panel**, and enable **Location**.
- Go to **Settings** > **Location** and enable **Access my 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.

Add Phone Watermarks

Go to  > **Add watermark**, turn on **Add watermark**, and select your preferred watermark.

Photos and videos shot with the rear camera will include a phone watermark.

When a specific watermark style is selected, you can also choose to display the shooting time or shooting parameters in the watermark on your phone as needed.

Adding a watermark to videos is only supported on certain phone models.

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.

Use Mirror Reflection

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

When **Mirror reflection** is enabled, the image will appear as you see yourself in the viewfinder, instead of flipped.

When **Mirror reflection** is disabled, the image will be flipped, so it's the opposite of what you see in the viewfinder.

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.

Custom Camera Mode

You can customize the layout of the Camera mode screen as you prefer, by moving the frequently used modes to the camera home screen, or adjust the mode sequence.

Photo, **Video**, or **Portrait** (or **Beauty**) cannot be moved to **More**. Actual usage shall prevail.

1 Go to **Camera** > **More**, touch to enter the mode editing screen.

2 Touch and hold a mode, and drag it to the desired position. You can move a mode on the **More** screen to the camera home screen, or move a mode on the home screen to **More**, or adjust the layout of the mode screen based on the use frequency of the modes.

Mode with a icon can be deleted simply by touching this icon.

3 Touch to save the layout.

To restore a deleted mode, go to **Camera** > **More**, touch , and touch **ADD**.

Manage Gallery

Compares Images

Compare similar images, and zoom in or out to compare details, to pick your favorite image of the bunch.

- Comparison is not supported for certain image formats.
- Please make sure your device has been updated to the latest system version.

1 Open **Gallery**, hold down on the images in the **Photos** or **Albums** tab, and touch .

2 On the comparison screen, feel free to:

- **Change the display range of an image**: Hold down on the image with one finger to adjust the display range. Spread or pinch your fingers on an image to zoom in or out. By default, the syncing feature is enabled on your phone. When you zoom in or out or move an image, the images on the comparison screen will change accordingly. To disable the syncing feature, touch .
- **Add the selected image to favorites**: Touch  under the desired image.
- **Delete an image**: Touch  under the unwanted image.
- **Change the images being compared**: Touch the selected images in the list below to cancel the comparison, and select an unselected image to have it compared.
- **Re-select an image**: Touch  in the lower left corner, select or deselect an image, and touch **Done**.

Organize Albums

Organize images 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 images 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 Hold and drag  next to the albums to adjust the order.

Touch **Reset** or go to  > **Reset** to restore the default order.

Adjust the Album Display Style

Go to **Gallery** > **Albums**, touch  or  at the top, and select an album display style.

Change Album Covers

1 Go to **Gallery** > **Albums** and touch the album you want to set.

2 Go to > **Change album cover** and select the image you want to set as the album cover.

Move Photos and Videos

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

2 Go to ⋮ > **Move to album** and select the album to be moved to.

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

The **All photos** album collects all of the pictures in Gallery. If you move the pictures to another album, the pictures will continue to display in **All photos** (except for hidden, blocked, and deleted pictures).

Delete Photos and Videos

Touch and hold to select the desired photos, videos, or albums and go to **Delete** > **Delete**.

Some preset albums cannot be deleted, including **All photos**, **My favorites**, **Videos**, and **Camera**.

Deleted photos and videos will be temporarily moved to the **Recently deleted** album for a period of time, after which they will be permanently deleted.

To permanently delete photos and videos before the retention period expires, touch and hold to select the desired photos or videos in the **Recently deleted** album and follow the onscreen instructions.

Recover Deleted Images 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 Images and Videos to Favorites

Open an image or video, then touch ♡.

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

Keep Gallery Images, Videos, and Albums Safe from Prying Eyes

Hide private images, videos, or albums in Gallery, for additional peace of mind.

Go to **Gallery** > **Albums**. From there, feel free to:

- **Hide images or videos**: Touch to open an album, touch and hold down to select images or videos you wish to hide, and go to ⋮ > **Hide** > **OK**.
- **Hide a single album**: Touch to open an album you wish to hide, and go to ⋮ > **Hide this album** > **OK**.
- **View hidden images, videos, or albums**: On the **Albums** tab, go to ⋮ > **Hidden items**.

  In **Hidden items**, you can switch the view as needed, to find your desired items. Touch ⋮ and select **Photo view** or **Album view**.

- **Set the album lock**: In **Hidden items**, go to ⋮ > **Add lock**, and enter the lock screen password. If fingerprint or face unlock has been enabled on your phone, you can use your fingerprint or facial data to access locked albums.
- **Unhide a single album**: Touch the album that you wish to unhide in **Hidden items**, and go to ⋮ > **Unhide**.
- **Unhide images or videos**: In **Hidden items**, go to ⋮ > **Photo view**, touch and hold down to select the images or videos that you wish to unhide, and touch **Unhide**. These images and videos will then be restored to their original albums.

Edit Pictures and Videos

Edit Images

Gallery offers a wide range of editing features for images.

Basic Editing

1 Open **Gallery**, touch the image you want to edit, and then touch . You can then:

- To crop and rotate the image, touch **Crop**, select a frame, then drag the grid or its corners to select which part you want to keep. You can drag the image in the frame, or use two fingers to zoom in or out to adjust the displayed part of the image.
  To rotate the image, go to **Crop** and drag the angle wheel to the desired orientation.
  To rotate the image by 90 degrees or mirror the image, touch  or .
- To adjust image effects, touch **Adjust** to adjust the brightness, contrast, saturation, and other aspects of the image.
- To add filter effects, touch **Filter** to select a filter.
- Other image editing: You can also create graffiti images and add annotations.

Once you are done editing, such as **Adjust** and **Filter**, you can touch **Compare** to compare the before and after effects. Comparison is not supported in some editing modes.

2 Touch  or  to save the edits.

Add Stickers to Images

1 In Gallery, touch the image you wish to edit, and go to  > **Stickers** to add stickers.

2 Select a sticker and drag it wherever you like. Touch and hold the dot on the corner of the sticker and drag it to shrink or enlarge the sticker. Touch  to delete the sticker.
You can also edit the text in certain types of stickers. Touch the area that can be edited, which is typically encircled with dash lines, to enter any new text.

3 Touch ✓ to save the changes and touch 💾 to save the edited image.

Pixelate Images

1 In Gallery, touch the image you wish to edit, and go to ✎ > **Mosaic** to pixelate the image.

2 Select a mosaic style and size to cover certain areas of the image.

3 To remove the mosaic, touch ◇ and wipe it off the image.

4 Touch ✓ to save the changes and touch 💾 to save the edited image.

Rename Images

1 In Gallery, touch the image thumbnail you want to rename.

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

3 Touch **OK**.

Remove Unwanted Objects from Images

1 In Gallery, touch the image you wish to edit, touch ✎, swipe left on the editing menu bar on the bottom, and touch **Remove**.

2 You can remove objects from images in either of the following ways:

- **Smart**: Select **Smart**, and tap on or draw lines over items you wish to remove.
- **Manual**: Select **Manual**, choose the size of the eraser that best meets your needs, and swipe on the items you wish to remove. To enhance the removal effects, swipe only once on an entire item.
  It's recommended that you use a smaller eraser to remove smaller objects (such as power cables).

To undo the changes you have made, touch ↩ at the top of the screen.

3 Touch ✓ to save the changes, and touch 💾 to save the edited image as prompted.

Collage

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

1 You can access the collage feature in the following ways (depending on your device model):

- On the **Discover** tab, touch **Create collage**, select some images, then touch **Create**.
- On the **Photos** or **Albums** tab, touch and hold to select some images, then go to 💡 > **Collage**.

2 Select a template. You can then:

- Relocate an image: Touch and hold the image and drag it to a different position.
- Adjust the displayed portion of an image: Slide on the image, or pinch in or out on it so that only the part you want to see is displayed in the grid.
- Rotate an image: Touch the image, then touch  to rotate it or  to flip it.
- Add or remove borders: By default, borders are displayed between images 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**.

Add Frames to Your Images

1 In Gallery, touch the image you wish to edit, and go to  > **Frame**.

2 Select a frame, and touch  to save the edited image as prompted.

AI retouch

Use the **AI retouch** feature in Gallery to remove unwanted objects and watermarks, or brighten or straighten images.

Group Photos Where Everyone looks Their Best

The Best expression feature selects the best facial expression among several consecutively taken photos.

Before using this feature, make sure that you have taken two or more photos consecutively in Gallery.

1 Tap one of the photos in **Gallery**, and go to  > **AI retouch** > **Best expression**.

2 Once the faces have been recognized, tap the white box, and select appropriate expressions.

3 Tap  to save the image as prompted. The edited image will be saved in its original album.

Highlights

Introduction to Highlights

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

The following conditions need to be met to create a **Highlights** album:

- Before taking a photo or video, go to **Camera** > , and enable **Location tag**. Your phone will create a **Highlights** album based on time and location.
- When taking a photo, you'll need to take multiple photos of the same scene at different times. **Highlights** albums will not be automatically generated if there are not enough relevant photos, the shooting times are too close, or the photos are too similar.
- **Highlights** albums are created automatically when your phone is connected to a Wi-Fi network, the screen is turned off, the device is being charged, and the battery has sufficient power. It may take a while for the albums to be created.

View Highlights Videos

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

2 Touch  to play the video.

Edit Highlights Videos

1 Touch  to play a **Highlights** video.

2 On the playback screen, touch , select your favorite theme template, check the preview, and touch .

3 Touch  to export the video.

Change the Highlights Album Cover

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

2 Go to  > **Change cover**, select a photo, then touch .

Add or Remove Images or Videos from a Highlights Album

1 In the **Highlights** tab, select a **Highlights** album.

2 You can then:

- Add images or videos: Touch  and follow the onscreen instructions to select images or videos to be added to the album.
- Remove images or videos: Touch and hold to select the images or videos you want to remove from the album, touch , then touch **Remove**.

Share Highlights

You can share **Highlights** as videos, full-length images, or covers.

Share Highlights as videos

1 If you have edited and exported a **Highlights** video, the exported video can be found in **Gallery** > **Albums** > **Video Editor**.

2 You can touch and hold to select the video in **Video Editor** and touch  to share it.

Share Highlights as full-length images or covers

Touch the **Highlights** album you wish to share, touch , and select **Full-length image** or **Cover only**.

- If you select **Full-length image**, your phone will generate a full-length **Highlights** image. You can follow the onscreen instructions to share it.
- If you select **Cover only**, your phone will generate an image (including the cover and text) based on the Highlights cover. You can follow the onscreen instructions to share it.

You can also share the photo under **Gallery** > **Albums** > **Collages**, where the full-length images and covers created for **Highlights** albums are saved by default.

Rename Highlights Albums

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

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

Delete Highlights Albums

1 On the **Highlights** tab, select a **Highlights** album.

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

After you delete a **Highlights** album, it cannot be restored, and the photos and videos in the **Highlights** album will remain in Gallery.

Apps

Phone

Block Nuisance Calls or SMS Messages

Enable **Blocked** to easily block nuisance calls and filter out spam SMS messages.

Go to **Optimizer** > **Blocked**. From there, you can:

- Block calls: Tap **Call block rules** and toggle on your desired switches, such as **Block unknown numbers**.
- Block messages: Tap **Message block rules** and enable **Block unknown numbers**. Your phone will then block all messages from unknown numbers.

MeeTime

Use MeeTime to Make Calls

Use MeeTime to make high-quality video or voice calls with contacts who have Huawei devices (such as phones and tablets), and share your screen during calls.

Thanks to the GPU Turbo technology, the video call resolution will be optimized automatically when the network signal is weak. With intelligent algorithms, the other party can see your face clearly even when making a video call at night or in dark environments.

- Please make sure your device has been updated to the latest system version.
- This feature is only available in some countries and regions.
- If your phone is not pre-installed with the **MeeTime** app, download it from **AppGallery**.

MeeTime Usage Tariff Instructions

- MeeTime only uses Wi-Fi or mobile data and will not be charged as calls by your carrier. It is recommended that you use this feature over a Wi-Fi network.
- If you need to make a video call using mobile data, you can perform the following to save on the amount of mobile data you use: On the **MeeTime** screen, touch your profile picture in the upper right corner to access the **Settings** screen, then turn on the **Data saver** switch.

Make a High-quality Video or Voice Call

Use MeeTime to make smooth and high-quality calls between Huawei devices such as phones and tablets. Enjoy crystal clear video calls, even in dark environments, and adjust the beauty level during calls to look your best.

1 Open **MeeTime** and follow the onscreen instructions to activate MeeTime.

2 Open **MeeTime**, touch **Contacts** > **MeeTime**, and touch  or  next to a contact to start an HD voice or video call with a family member or friend who has enabled **MeeTime**.

3 During a video call, touch the screen and touch  >  to access the **Soft** feature. Drag the slider left or right to adjust the beauty level.

- For better video calls, keep your phone within 1 meter (3.3 feet) from you and make sure there is sufficient lighting.
- Beauty mode is only supported on certain device models.

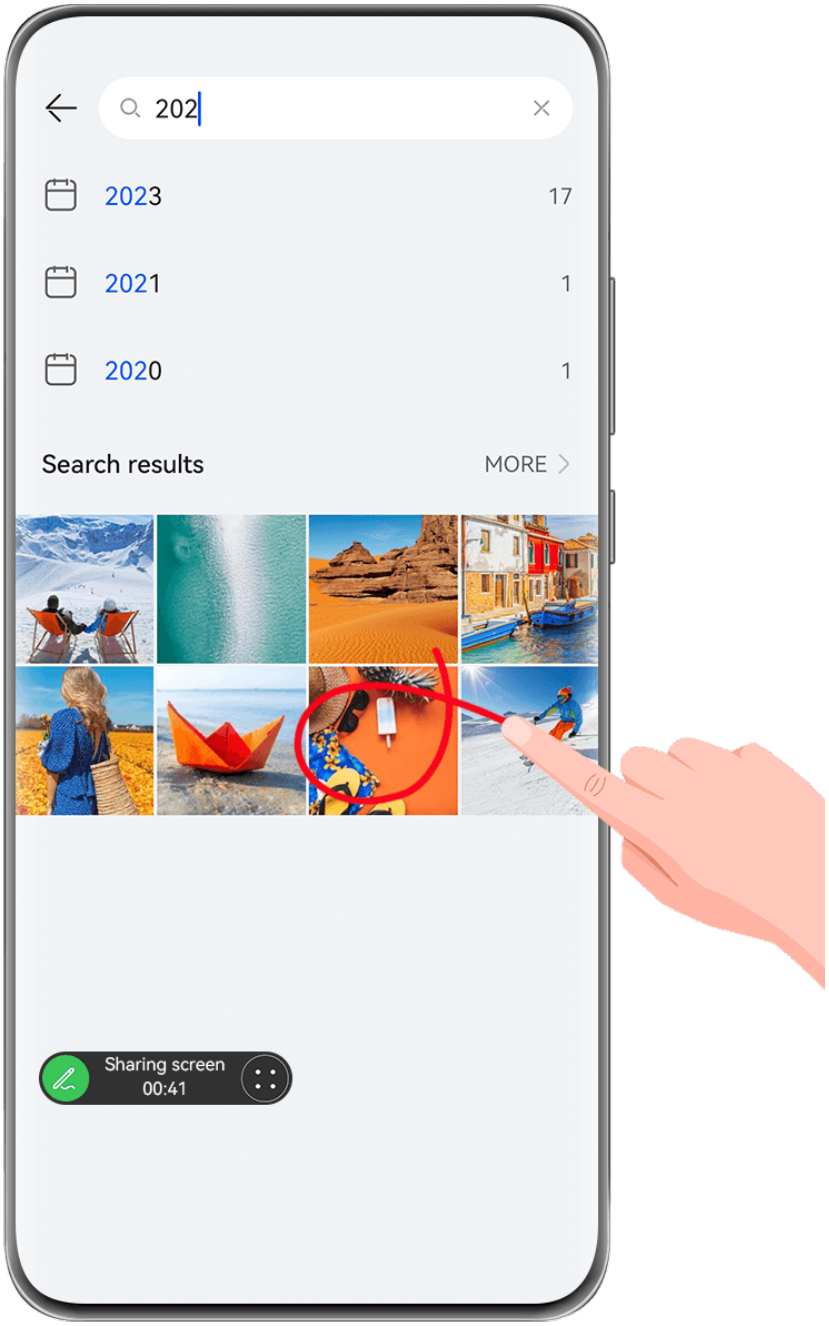
4 Touch . From there, feel free to:

- To mute MeeTime, touch .
- To use the speaker, touch .
- To switch between a voice and video call, touch .
- To share the screen, touch .

To view or manage your call logs, touch **Calls**.

Share Your Phone Screen During a MeeTime Call

During a MeeTime video call with a Huawei phone or tablet, you can share your screen and even doodle on it. The other party will be able to view your screen and doodles in real time.



The figures are for reference only.

1 During a video call, touch the screen, go to ^ > , and follow the onscreen instructions to share your screen.

2 While sharing your screen, touch to start doodling on your screen.

While sharing, touch > to hide banner notifications, such as incoming call notifications, messages, and alarms, from your phone.

3 To exit screen sharing, touch > .

Set MeeTime Phone Numbers

You can use MeeTime with more than one of your phone numbers.

1 On the **MeeTime** screen, touch your profile picture icon in the upper right corner to access the **Settings** screen.

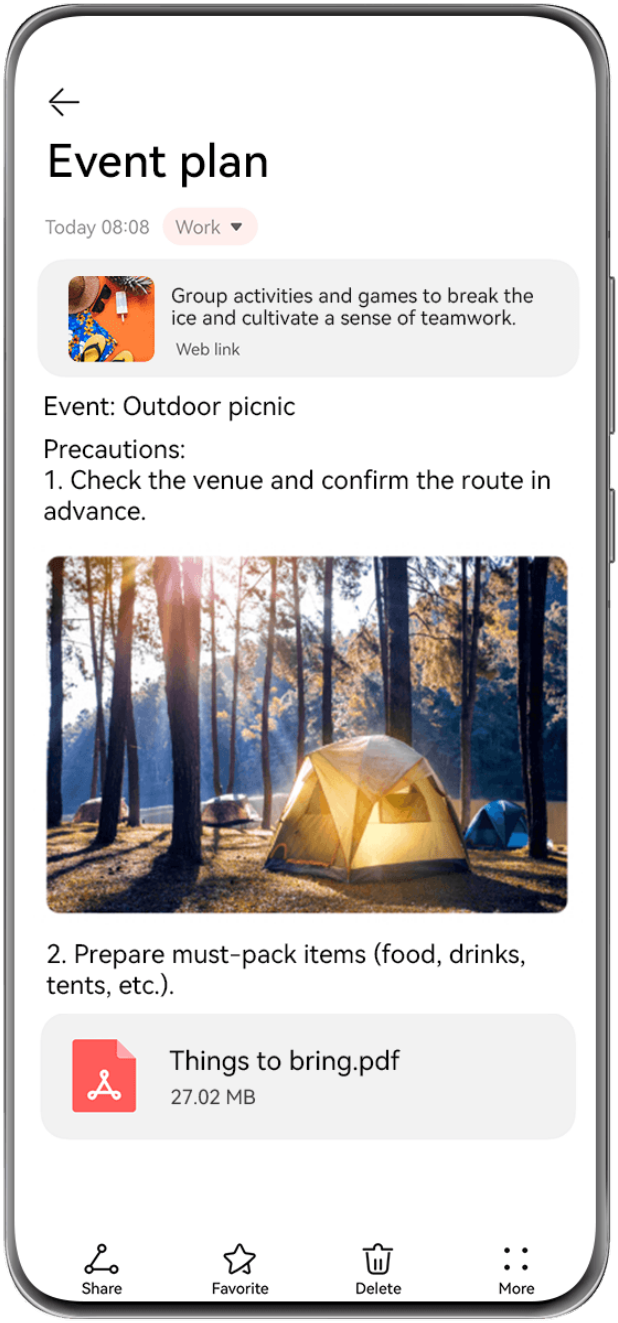
2 Touch **Number settings**. You can then:

- Touch  to add another phone number if only one phone number has been linked.
- Touch  to delete any numbers or add new ones if multiple phone numbers have been linked.
- In the list of **Outgoing number (this device)**, select one of the added phone numbers to set it as the default number.

Notepad

Create and Edit a Note in Notepad

Capture an inspired idea before it's too late, with **Notepad**. You can also add checklists, images, and web links to notes to make them more detailed and enriching.



The figures are for reference only.

Create a Note

1 Go to **Notepad** > **Notes**, touch , and enter the title and content.

2 To change the text style, color, or background, touch .

3 Once you're done editing, touch to save the note.

Add a Checklist

Add the work content and items you wish to purchase to the checklist. Once the checklist is created, you can select annotations to organize your work and life with greater ease.

When you create a note in **Notepad**, touch . From there, feel free to:

- **Add an item to the list**: Enter text after the hollow circle, and go to the next line to enter another item.
- **Mark an item as completed**: Touch the hollow circle next to an item to mark the item as completed, and touch again to cancel the operation.

Add Images and Video Files to a Note

1 When creating a note in **Notepad**, feel free to:

- Touch , and select **Take photo** or **Select from Gallery** to insert an image. Hold and drag to adjust the position of the added image within the note.
- Touch , and select **Document**, **Audio**, **Video**, or **More** to insert an attachment. Hold and drag to adjust the position of the added attachment within the note. Touch the attachment to preview it.

2 Once you're done editing, touch  to save the note.

Touch and hold down on the attachment inserted in the note, and select **Copy**, **Delete**, **Save**, or **Share**.

Add Web Page Content to a Note

Add web page content or text to Notepad to quickly create a note. Touch the added web page link in the note to open the web page and view the details.

Content sharing is not supported in all apps.

1 When browsing a web page, select the content you wish to share, such as a web page or text on the web page.

2 Touch the share button, and select **Notepad**.

3 Add the shared content to an existing note, or create a new note, by following the onscreen instructions.

Create Notes by Dragging Content from Other Apps

Drag text, images, and files to Notepad, from apps like HUAWEI Browser and Files, to create informative notes in little time. You can also select and drag individual items (such as text, images, audio and video files, and documents) all at a time within notes to create a new note.

Drag-and-drop operations are only supported in certain apps.

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

2 Select and drag the content that you wish to add (from the corresponding apps) to Notepad.

- **Drag from other apps**: Open Files in either split-screen or floating window mode, select the text, images, or files, and hold and drag them to the desired note.

- **Drag between notes**: Open another note in either split-screen or floating window mode, select the desired items (including text, images, audio and video files, and documents), and hold and drag them all at a time to the desired note.

3 When editing a note, you can also select multiple types of items, and hold and drag these items to relocate them within the note.

4 Touch ✓ to save the note.

Scan a Document or Card

In **Notepad**, you can use your device's camera to scan an image or document, such as an ID card, bank card, or other certificate, to save it as a note in Notepad, with an anti-theft watermark.

Scan Documents to Create Notes

1 Go to **Notepad** > **Notes**, and go to ⊕ > 🖼 > **Scan document**.

2 Point the camera to the images or documents you wish to scan, and touch ◯ to scan them one at a time, or consecutively.

3 Then go to **Extract text** > **Save**, select **Save images and text** or **Save text only**, and touch ✓

ⓘ If your phone does not have this option, it indicates that this feature is not supported.

Scan Cards and Certificates to Store Them Away

1 Go to **Notepad** > **Notes**, and go to ⊕ > 🖼 > **Add card**.

2 Point the camera to the certificates you wish to scan, and touch ◯ to scan them one at a time, or consecutively. Touch ✓ to preview the scanned copies.

3 (Optional) If you wish to adjust the photo, touch ← in the upper left corner to return to the scanning screen. Then touch the thumbnail, manually adjust the photo, and touch ✓ to preview the scanned copy.

4 (Optional) To add a watermark to the scanned copy, touch **Full-screen watermark** or **Single watermark**.

5 Touch 💾, select **Move to My cards** or **Add lock**, then touch **OK** and follow the screen prompts to complete card collection.

Lock Notepad or notes in Notepad

You can apply App Lock to Notepad or set a password for a note to protect your privacy.

- **To lock the Notepad app**, go to **Settings** > **Security** > **App Lock**, follow the onscreen instructions to enter the screen lock password or custom app lock password, and enable the switch next to **Notepad**.
- **To lock a single note**, go to **Notepad** > **Notes**, open the note you wish to lock, go to ⋮ > **Add lock**, follow the onscreen instructions to set a password, and touch .

  To remove the note lock, open the note, and go to ⋮ > **Remove lock**.

If your device supports fingerprint or face unlock, and you've enrolled your fingerprint or facial data, you can use fast authentication by performing the following steps: Go to **Notepad** > ⋮ > **Settings** > **Note lock**, and enable **Unlock with Fingerprint ID** and **Unlock with Face Recognition**.

Share and Export Notepad Items

Share notes or to-dos in **Notepad** with others, and even export notes in image, TXT, and other formats.

Share Notes or To-dos

- **To share a single note or to-do**: Open the note or to-do you wish to share in the **All notes** or **All to-dos** list, and touch . Then follow the onscreen instructions to complete the process.

  You can share a note by touching **Notes** or **Picture**.
- **To share multiple notes**: Touch and hold down on a note, select multiple notes you wish to share in the **All notes** list, and touch . Then follow the onscreen instructions to complete the process.

Export Notes

Go to **Notepad** > **Notes**, and open the note that you wish to export. From there, feel free to:

- **Export it as an image**: Touch , swipe left or right on the thumbnail at the top of the screen, select **Picture**, and touch  to save the image. You can find the exported image in **Gallery**.
- **Export it as a document**: Touch ⋮ > **Export as document**, and follow the instructions to select the document format you need and complete the process.

  To view notes that you have saved, open **Files**, search for and touch **Documents**.

The **Export as document** feature is not available for handwritten-only notes. Other types of notes can be exported into TXT or HTML files when you select **Export as document**.

Optimizer

Block Nuisance Calls or SMS Messages

Enable **Blocked** to easily block nuisance calls and filter out spam SMS messages.

Go to **Optimizer** > **Blocked**. From there, you can:

- Block calls: Tap **Call block rules** and toggle on your desired switches, such as **Block unknown numbers**.
- Block messages: Tap **Message block rules** and enable **Block unknown numbers**. Your phone will then block all messages from unknown numbers.

Settings

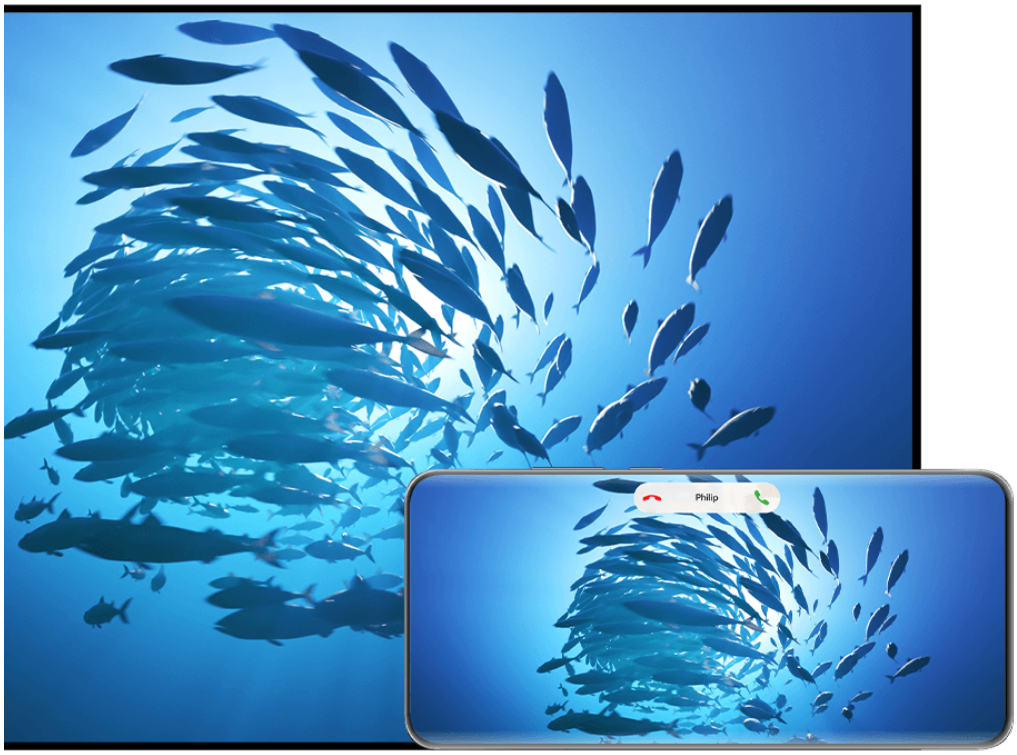
More Connections

Project Your Phone Screen Wirelessly

Project your phone wirelessly to stream movies and work on a large-screen device (such as a Vision).

The projection method may vary depending on the display device. The following uses projecting to a HUAWEI Vision as an example.

Before using this feature, please update the Vision to the latest version.



The figures are for reference only.

1 On the Vision home screen, go to **Settings** > **Network & connections/Remote & connections**, and make sure that **Projection** is enabled.

2 Swipe down from the upper right corner of the phone screen to display **Control Panel**, touch **Wireless Projection**, and follow the onscreen instructions. Your phone will then start searching for available Vision products.

You can also go to **Settings** > **More connections** > **Easy Projection** or **Settings** > **More connections** > **Wireless Projection**, and enable **Wireless Projection** (depending on your device model).

3 Touch the device that you wish to project your phone to from the detected Vision products.

Once the projection is successful, touch the capsule at the top of the phone screen. In the Live view, perform the following steps:

- By default, banner notifications for incoming calls, messages, and alarms, Notification Panel, Control Panel, and Multi-Window will only display on your phone instead of the Vision. To change the settings, touch the blank area in the Live view and disable **Hide notifications** in the displayed dialog box.

  The **Hide notifications** feature is only supported on certain products.
- Touch any blank area in the Live view. In the displayed dialog box, you can select whether the audio will play from the phone or the Vision.

You can exit the projection using either of the following methods:

- Touch the capsule at the top of the phone screen, and touch in the Live view.
- Swipe down from the upper left corner of your phone to display the notification panel, and touch .

Use Desktop Mode to Make Work More Convenient

In **Desktop mode**, your phone and the large-screen device work independently and can show different content. The content of a phone projected on the large-screen device is in a layout similar to that of the computer desktop.

Once your phone screen is projected, touch the capsule at the top of the screen, touch any blank area in the Live view, and touch **Desktop mode** in the displayed dialog box, to begin using the large-screen device.

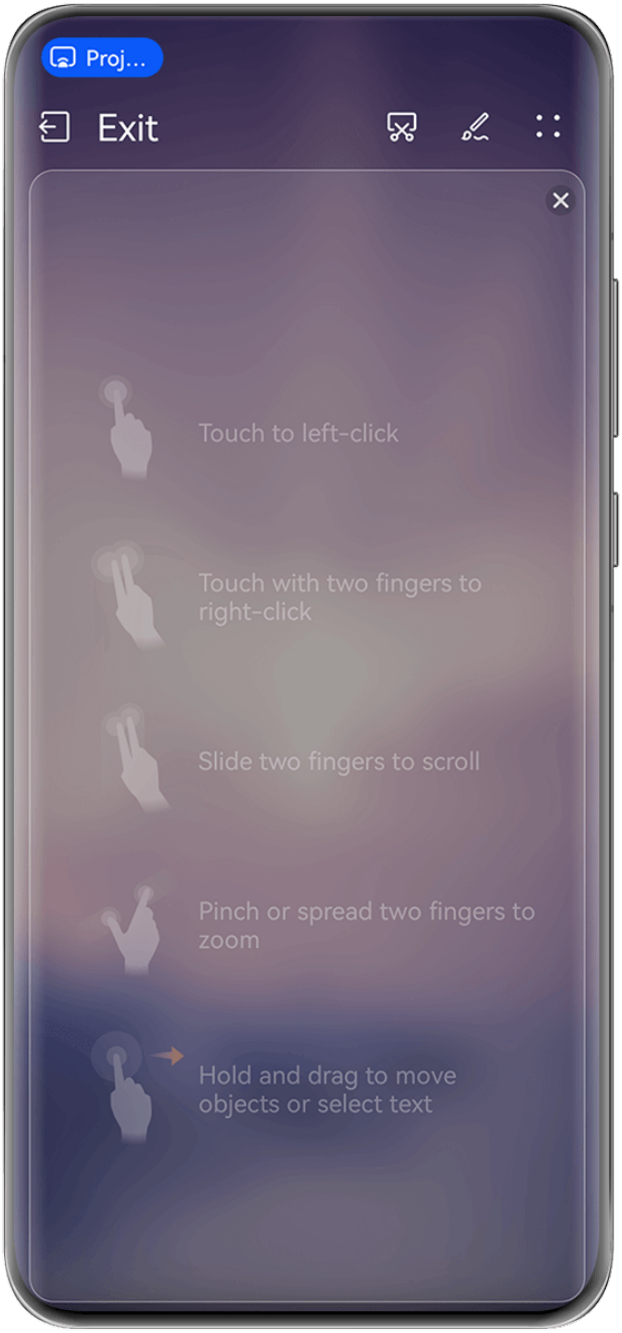
For example, you can edit a document on the large-screen device while chatting on your phone. You don't need to worry about missing out on notifications, calls, or messages, as a red dot will appear on the notification panel on the large-screen device to let you know.

Use Your Phone as a Touchpad

After your phone screen is projected to a large-screen device in **Desktop mode**, if no keyboard or mouse is available, your phone can work as a touchpad to complete input operations of a mouse and keyboard.

Touch the capsule at the top of the phone screen, touch any blank area in the Live view, and touch **Touchpad** in the displayed dialog box. From there, feel free to:

- Use gestures as instructed to simulate mouse commands.



The figures are for reference only.

- When no external keyboard is connected, touch the text input box on the large-screen device to display the onscreen keyboard to input text.

  If an external keyboard is connected, the onscreen keyboard will not be available. In this case, you need to use the external keyboard to input text.

Project the Phone's Screen to the Large-Screen Device to Make Work Easier

In **Desktop mode**, you can use the following features:

- **Multi-window display**: Open multiple windows at a time to multitask.
- **File management**: Save files to the desktop, create files or folders, and rename or delete files.
- **Quick search**: Search for documents, multimedia files, and apps using the start menu search box.

- **Quick app projection**: Touch and hold down on an app icon on your phone, and touch the projection menu to project the app to the large-screen device and open it.

Exit Desktop Mode

You can exit Desktop mode in either of the following ways:

- In **Touchpad** mode, touch the **Exit** icon at the top of the screen.
- Touch the capsule at the top of the screen, touch in the Live view.

In Desktop mode, if you go to > to exit wireless projection, Desktop mode will be enabled by default for the next projection.

Home screen & style

Set a Stunning Theme

Select your preferred theme and apply it to the Always On Display, lock screen wallpaper, home screen wallpaper, and icons in one go. You can also set a preferred image, display style, and personalized icon colors to create your own unique look.

The AOD feature is only supported on certain device models. Actual usage shall prevail.

Set Symbol Themes

Create unique themes filled to the brim with vivid elements and vibrant colors. There are even special holiday stickers to mark the most important days of the year.



The figures are for reference only.

1 Go to **Settings** > **Home screen & style** > **Themes**, and select **Symbol Stickers** or **Symbol Patterns** in **Interactive**.

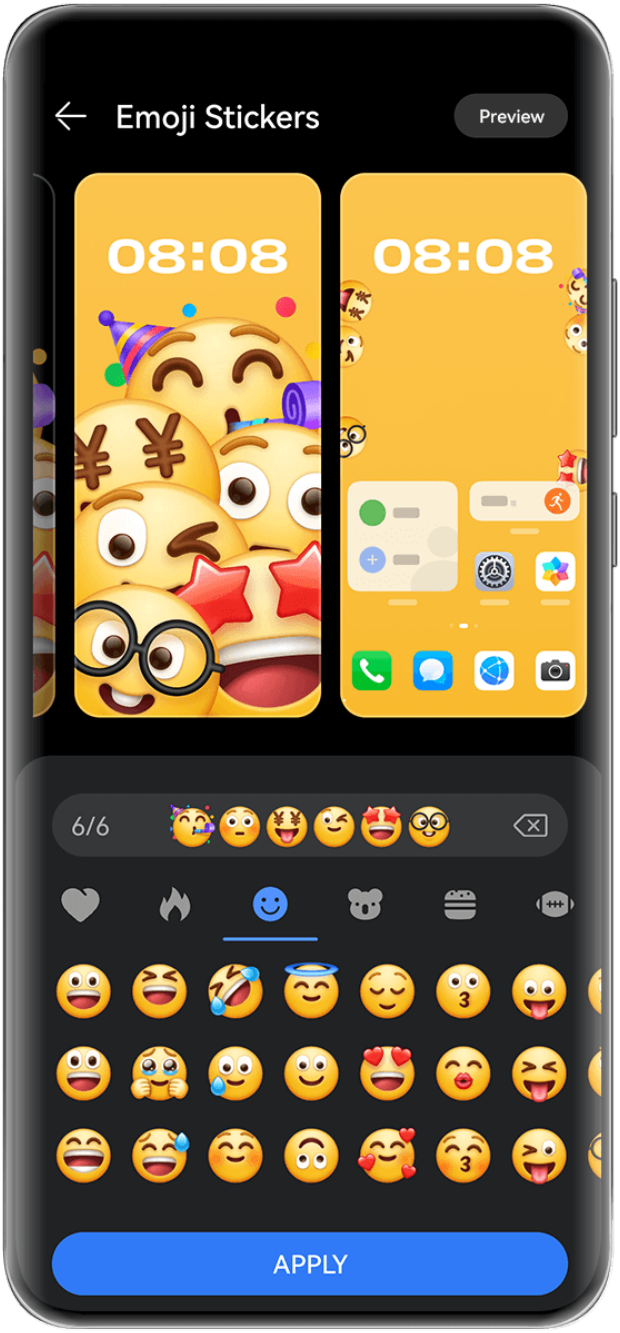
2 Touch **Personalize** to visit the editing screen and select your favorite emojis, **Style**, **Background color**, and more.

3 Touch **Apply**.

The number of emojis that can be added may vary and is subject to actual usage.

Set Emoji Themes

Make a theme that's unique to you and enjoy fun effects, with a range of intriguing elements at your fingertips.



The figures are for reference only.

1 Go to **Settings** > **Home screen & style** > **Themes**. Select your preferred Emoji theme, for example, **Emoji Stickers** or **Emoji Patterns** in **Interactive**.
When using an Emoji theme for the first time, follow the onscreen instructions to download and install the theme.

2 Touch **Personalize** to access the editing screen. Follow the onscreen instructions to select your favorite emojis.

3 Touch **Apply**.

- To delete a downloaded theme package that has not been applied, go to the theme details screen, touch ••• in the upper right corner, and touch **Delete**.
- The number of emojis that can be added may vary and is subject to actual usage.

Set Weather Wallpapers

Weather wallpapers give you the latest forecast at a glance. Adjust the grip and viewing angle of your phone to get a fresh new wallpaper view.

Try holding your phone in the following ways:

- Screen facing upwards (for example, placing your phone on a table).
- Screen facing downwards (for example, raising your phone over your head, with the screen facing downwards).
- Hold your phone vertically with the screen facing you.

Double-tap the screen to play the motion effects again.

1. Go to **Settings** > **Home screen & style** > **Themes**, and select **Weather** in **Interactive**. When using the Weather wallpaper for the first time, follow the onscreen instructions to download and install the wallpaper.
2. Touch **Personalize** and follow the onscreen instructions, to adjust **Weather** (for example, **Live**) and **Live effect duration**.
3. Touch **Apply**.

- If **Live** is set, make sure that you have set the location to your current city in the Weather app.
- To delete a downloaded but unused wallpaper package, open the wallpaper details screen, touch ••• in the upper right corner, and then touch **Delete**.

Set Art Star Theme

Choose a portrait or picture of a pet with a **Pattern** or **Gradient** background, to create a unique theme full of fun and flair.

1. Go to **Settings** > **Home screen & style** > **Themes**, and select **Art Star** in **Magazine**. When using the **Art Star** theme for the first time, follow the onscreen instructions to download and install the theme.
2. Touch **Personalize** to visit the editing screen. From there, you can:
   - Touch  to select your preferred portrait or pet photo. You can also select a background such as **Pattern** or **Gradient**, or use a custom background by selecting **Custom background**.
   - Touch **Edit**, then hold down and drag on the photo and move it to a new location.
   - Feel free to adjust the settings, such as **Pattern style** and **Icon colors**.
3. Touch **Apply**.

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.

Enable App Drawer

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

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

Add Apps in the Drawer to the Home Screen

In Drawer mode, you can swipe up on the home screen to display the Drawer. You can then touch and hold an app to drag it to the desired position on the home screen.

Move Apps Back to the Drawer

In Drawer mode, you can move an app from the home screen back to the Drawer by touching and holding this app, then touching **Remove**. This operation will only remove the app icon from your home screen but will not uninstall it.

You can still find it in the Drawer.

Disable the App Drawer

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

Display & Brightness

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.

Enable or Disable Eye Comfort Mode

- Swipe down from the upper right corner of the screen to display **Control Panel**, and enable or disable **Eye Comfort**. Touch and hold down on **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 some blue light is filtered.

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 Blue Light Filter in 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.

Notifications & status bar

Notification and Status Icons

Network status icons may vary depending on your region or network service provider. Supported features vary depending on the device model. Some of the following icons may not be relevant to your phone.

	Full signal strength		Roaming
	Data saver enabled		No SIM card inserted
	Hotspot enabled		Hotspot connected
	Hotspot disconnected		Switching networks via Wi-Fi+
	Wi-Fi connected		Wi-Fi network is faulty, unable to connect to the Internet
	Wi-Fi 6 connected		Wi-Fi 6 network is faulty, unable to connect to the Internet
	Wi-Fi 6+ connected		Wi-Fi 6+ is faulty, unable to connect to the Internet
	Dual Wi-Fi connected		Dual Wi-Fi connected, with the main Wi-Fi supporting Wi-Fi 6
	Dual Wi-Fi connected, with the main Wi-Fi supporting Wi-Fi 6+		NFC enabled
	Battery empty		Low battery
	Charging		Fast charging
	Super charging		Wireless super charging
	Wireless fast charging		Regular wireless charging
	Power Saving mode enabled		Digital Balance enabled
	Bluetooth enabled		Bluetooth device battery
	Bluetooth device connected		VPN connected

	Airplane mode enabled		Do Not Disturb mode enabled
	Location service enabled		Eye Comfort mode enabled
	Driving mode enabled		Performance mode enabled
	Headset connected		Projection device connected
	Calling		VoLTE enabled
	Missed call		Calling service not available on the current network
	New message		Alarm set
	Silent mode		Vibration mode
	Syncing data		Data syncing failed
	New email		Event reminder
	Apps using the camera		Apps using the microphone
	More notifications		

Manage the Notifications and Status Bar

Pin App Notifications to the Top

You can pin app notifications to the top of the notification panel in either of the following ways:

- Swipe down from the upper left edge of the screen to display the notification panel, swipe left on a notification, and touch  > **Pin to top**.
- Go to **Settings** > **Notifications & status bar**, locate and touch the app for which you wish to pin notifications, and enable **Pin to top**.

Manage Notifications for Specific Apps

You can adjust the notification mode and ringtone of an app, or set the notification effect for a specific type of notification.

Go to **Settings** > **Notifications & status bar**, touch an app to go to the notification management details screen, and enable or disable notifications for the app. You can also set the notification mode within the app as follows:

- **Gentle notifications**: When this switch is turned on, notifications will only display in Notification Panel, and will not appear as banners, lock screen notifications, or status bar icons, nor will your device ring or vibrate.
- **Lock screen** and **Banners**: Allows you to select the notification display method.
- **Notification tone**: Change the ringtone and vibration mode, such as **Ring only** and **Vibrate only**.
- **Allow interruptions**: Once enabled for an app, your phone will still be able to receive notifications from this app in Do Not Disturb mode.
- **Applying specific modes for different types of notifications**: In the NOTIFICATION TYPE section, touch an option (such as **Service notifications**) to enable or disable this type of notification for the app. You can also set specific notification tones and notification display methods for each type of notification.

  The notification types may vary by app.

You can also swipe down from the upper left corner of the screen to display Notification Panel, swipe left on a notification, and go to > **More settings** to manage the app's notifications.

Intelligently Hide Content of Banner Notifications

1. Go to **Settings** > **Biometrics & password** > **Face Recognition** and follow the onscreen instructions to enroll your facial information.
2. Go to **Settings** > **Notifications & status bar** and enable **Hide notification content**. The following features will be available:

- **Message protection**: Hides banner notification content. For example, when more than one face, or a face other than yours is detected, notification details will be automatically hidden on your phone. Only when your device is able to verify your face will notification details display as normal.
- **Synced notifications**: When someone else is using your phone, notifications on the phone are hidden without ringing or vibration, and your Huawei wearable device, such as a watch, receives timely push notifications. To use this feature, your wearable device must be connected to your phone, and you need to enable the feature as follows: go to **Huawei Health** > **Devices**, tap the watch card at the top of the screen, then **Notifications**, and enable **Notifications** and **Smart notifications**.

- This feature is supported only after the screen is unlocked.
- Face recognition may be affected under strong or weak ambient lighting, or when the Swing Gesture Sensor is blocked.

Notifications Turn on Screen

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

Disable App Notifications

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 & status bar**, locate and touch the app for which you want to disable notifications, then disable **Allow notifications**.
- Go to **Settings** > **Notifications & status bar** > **Manage all**, and turn off the switch next to the app.

Set the Status Bar to Simple Display

Go to **Settings** > **Notifications & status bar** > **Status bar**, and enable **Simple display**. After doing so, only the following frequently-used icons will display on the phone status bar by default: time, Wi-Fi network, mobile signal, and battery level.

Show the Carrier Name and Network Speed

Go to **Settings** > **Notifications & status bar** > **Status bar**, and enable **Show carrier name** and **Show network speed** as needed, to reveal the network carrier information and Internet access speed.

Biometrics & Password

Set Fingerprints

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

Add a Fingerprint

1. Go to **Settings** > **Biometrics & password** > **Fingerprint ID**, and follow the onscreen instructions to set or enter the lock screen password.
2. Touch **New fingerprint** to begin enrolling your fingerprint.
3. Place your fingertip on the fingerprint sensor. Adjust the position of your finger slightly each time that you feel a vibration.
4. Once enrollment is complete, touch **OK**.

You'll then be able to unlock the screen whenever you place that finger on the fingerprint sensor.

Rename or Delete a Fingerprint

1. Go to **Settings** > **Biometrics & password** > **Fingerprint ID** or **Settings** > **Biometrics & password** > **Fingerprint ID** > **Fingerprint management**(depending on your device model) and enter your lock screen password.
2. In the **Fingerprint list** section, touch an enrolled fingerprint to rename or delete it.

Fingerprint Identification

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

1. Go to **Settings** > **Biometrics & password** > **Fingerprint ID** or **Settings** > **Biometrics & password** > **Fingerprint ID** > **Fingerprint management**(depending on your device model) and enter the 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 a Locked App

1. Go to **Settings** > **Biometrics & password** > **Fingerprint ID** or **Settings** > **Biometrics & password** > **Fingerprint ID** > **Fingerprint management**(depending on your device model) and enter the lock screen password.
2. Turn on the **Access App Lock** switch and follow the onscreen instructions to link your fingerprint with App Lock.

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

Enable and Use Fingerprint Payment

You can use your fingerprint to verify your payments in a payment app.

Go to the payment app and follow the onscreen instructions to enable this feature.

Face Recognition

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

Set up Face Recognition

1. Go to **Settings** > **Biometrics & password** > **Face Recognition**, and enter your lock screen password. If you haven't set the lock screen password, follow the onscreen instructions to do so.
2. Some phones support screen wakeup when you raise the device. If you can find the **Raise to wake** switch on your device, you can enable it as needed.
   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. Position your face in front of your phone, 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.

Set Face Unlock

On the **Face Recognition** screen, touch **Unlock device** and select an unlock method.

- **Direct unlock**: The screen will unlock once facial recognition is successful.
- **Swipe to unlock**: Swipe on the screen to unlock the screen after facial recognition is successful.

Certain phones also support the **Require eye contact** feature, which can be enabled on the **Face Recognition** screen. Once enabled, you'll need to keep your eyes open while unlocking the device with your face.

- If you wish to disable face unlock, touch **Unlock device** > **Off**.
- If you have enabled PrivateSpace, you'll only be able to use face unlock in MainSpace. If you have added multiple users, you'll only be able to use face unlock with the Owner account.

Link Your Face with Password Vault

Access the **Face Recognition** screen and enable **Autofill usernames and passwords**.

When logging in to an app, you can use Face Recognition to automatically fill in the account name and password saved in Password Vault.

Bolster Your Device Security, with Face Recognition

Enable **Require trusted device** when using Face unlock to ensure that your phone will only unlock when it detects your face and is connected to a trusted device.

This feature is disabled by default. To enable it, go to the **Face Recognition** settings screen, touch **Require trusted device**, turn on the **Require trusted device** switch, and follow the onscreen instructions to complete the settings.

A trusted device can be any Bluetooth device that can be used for unlocking purposes, such as earphones, a watch, or a band.

Disable or Delete Facial Data

Go to the **Face Recognition** screen to:

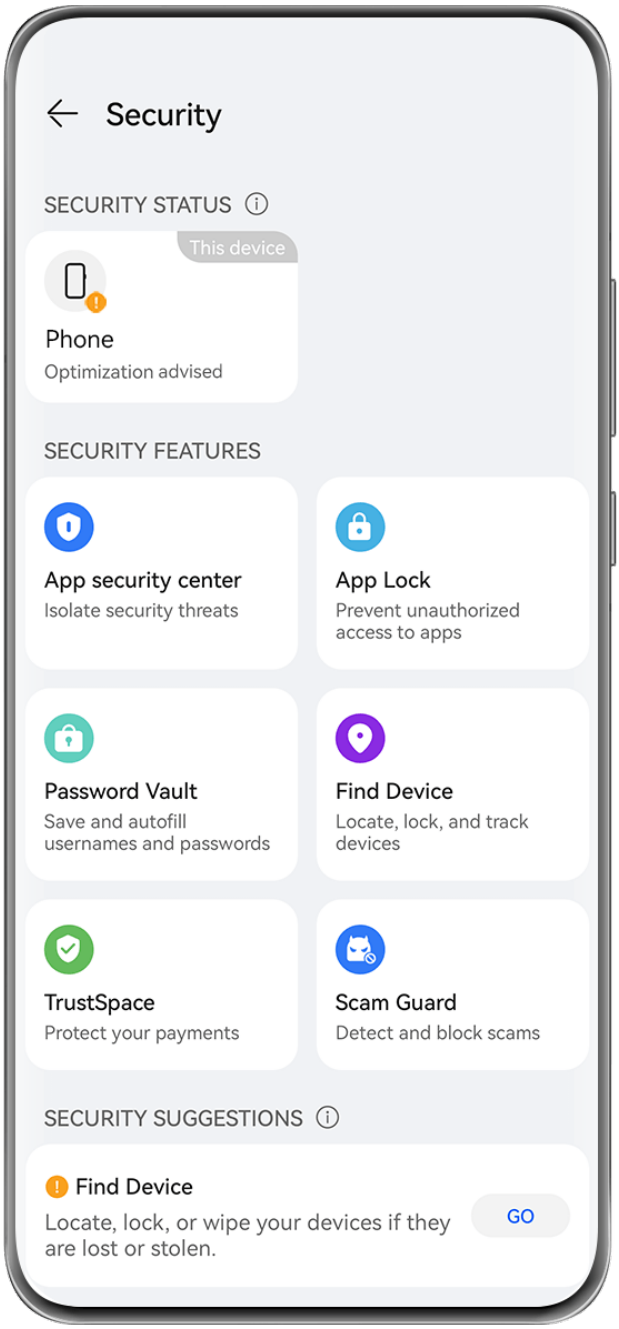
- **Prevent certain features from accessing your facial data**: Disable **Unlock device**, **Access App Lock**, or other features, to prevent them from using your facial data. Doing so won't delete your facial data.

- **Delete facial data**: Touch **Delete facial data** to permanently delete your facial data. You'll have to enroll your face once again if you wish to use the facial recognition feature later on.

Security

Keep Your Phone Under Lock-and-Key with Security Center

Security Center provides you with your phone's real time security status, and handy tips, making it easy to set a wide range of high-level security safeguards.



The figures are for reference only.

Check the Security Status of Your Device

Your phone will display its own security status, and the security status of other devices found in **Super Device** and logged in to the same **HUAWEI ID**. You can also view security tips and records for all of these devices.

This feature is currently supported on phones and tablets running EMUI 13 or later. More devices will be supported in the future.

Go to **Settings** > **Security**. Your phone will display the security status of this device and devices found in **Super Device** and logged in to the same **HUAWEI ID**.

A green sign indicates that your device is in good condition. A yellow sign indicates that your device has security risks. A red sign indicates that your device is at high risk, and should be optimized as soon as possible.

Touch this device in **Security status** and feel free to do the following:

- **View and set security features**: This device will display its current security status. You can touch specific features to set or apply them. For example, you can touch **Lock screen password**, and follow the onscreen instructions to set it.
- **View security suggestions**: This device will provide you with security suggestions based on the device settings. Feel free to touch the button next to each suggestion, and follow the onscreen instructions to optimize your safeguards.
- **View recent security records**: You can find your recent security records in a list, for a better sense of how to protect your device.

You can also touch another displayed device to view its security status. If you would like to modify the settings, follow the onscreen instructions on the corresponding device.

Set Security Features for Your Phone

Go to **Settings** > **Security**, touch the features you wish to set, such as **App Lock** and **Password Vault**, and follow the onscreen instructions to complete the process.

View Security Suggestions on Your Phone

Feel free to view the recommended safeguards on your phone, and apply them on a case-by-case basis.

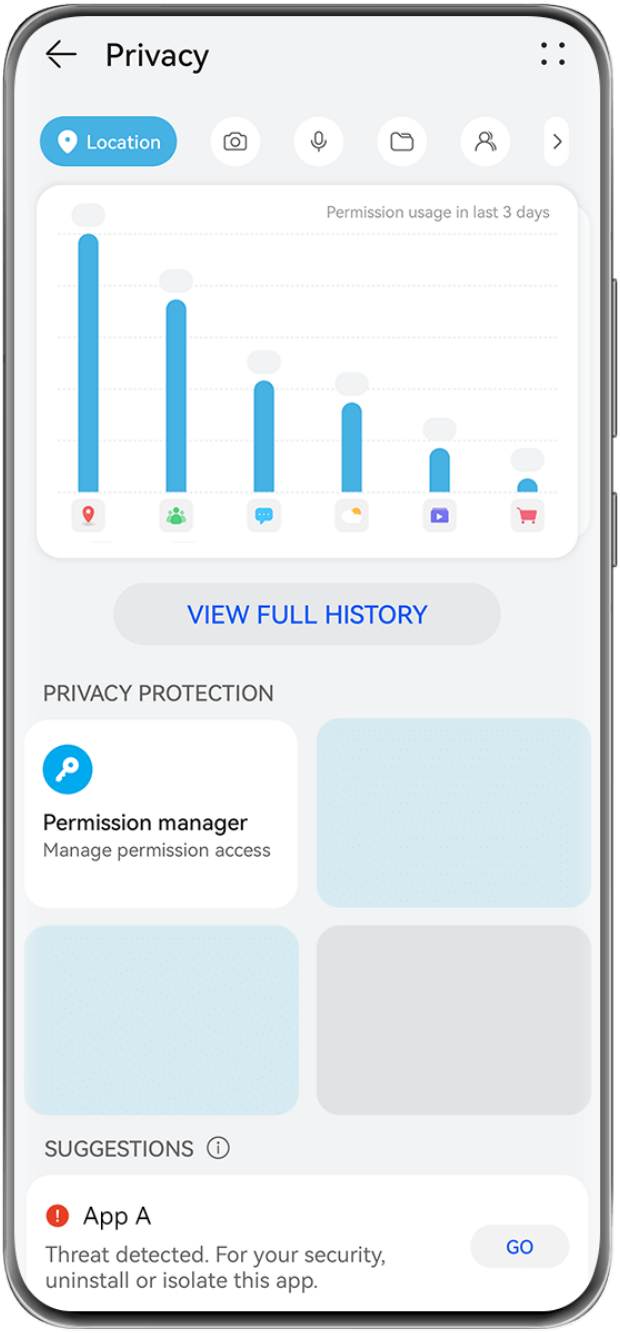
To do so, go to **Settings** > **Security**, and touch the switch next to the suggestion you wish to optimize, or follow the onscreen instructions to go to the corresponding screen and optimize the settings.

If you wish to ignore a suggestion, swipe left on the suggestion, and touch . The system will not continue to remind you, if you ignore the same suggestion twice.

Privacy

View and Manage the Privacy Settings on Your Phone

Find privacy tips, privacy permissions, and app privacy behavior logs on your phone, by visiting the privacy center. When an app uses a sensitive permission, your phone will inform you in real time, so that you can make timely adjustments, when necessary.



- The figures are for reference only.
- Privacy behavior logs are analyzed and displayed solely on your phone, and will not be uploaded to the cloud.
- Some system apps will not display permission reminders or privacy suggestions when using permissions.

View Permission Access Notifications

Your phone will inform you of any sensitive permissions that are being used on the status bar, and display the app information on Control Panel in real time. From there, you can choose to manage these permissions on a case-by-case basis.

For example, when an app uses the microphone permission, the microphone icon will display on the status bar. You can swipe down from the upper right edge of your phone to display **Control Panel**, and check which app is using this permission at the top.

Touch the app name to view the recent sensitive permission logs for the app, or to disable specific permissions for the app.

Real-time access notification is only supported for certain sensitive permissions.

View Sensitive Permission Records

You can find the records related to sensitive permission usage and recent app privacy behavior in the privacy dashboard.

To do so, go to **Settings** > **Privacy**, and touch the permission icon, app icon, or > next to the permission icon on the privacy dashboard.

Touch **View full history** to view records of lock screen data access, frequent data access, and app privacy behavior.

If you wish to disable the display of such records, go to ⋮ > **Disable privacy report** in the upper right corner of the **Privacy** screen.

Bolster Image Privacy Protections

Concerned that certain third-party apps might obtain sensitive information from images in the background, or the image information may be leaked when you share images on social media, just enable **Image privacy** for ultimate peace of mind.

Go to **Settings** > **Privacy**, touch **Image privacy**, and enable **Remove location info** and **Remove other info**.

Once this feature has been enabled, third-party apps, rather than system apps, for example **Gallery**, will not be able to obtain sensitive image information, such as the locations, device models, and times when the images were taken.

Get Tips on How to Protect Your Privacy

When your phone detects that your privacy settings are risky or can be optimized, it will provide handy tips for levelling up the protection.

Go to **Settings** > **Privacy**, and follow the onscreen instructions to touch the button next to each suggestion.

If you wish to ignore a suggestion, swipe left on the suggestion, and touch . The system will not continue to remind you, if you ignore the same suggestion twice.

Clipboard Access Alerts

When clipboard access alerts is enabled, a pop-up window will display after your phone detects that an app is accessing the clipboard.

Go to **Settings** > **Privacy** > **Clipboard access alerts**, and enable **Clipboard access alerts**.

Digital Balance

Manage Your Child's Screen Time

Set daily screen time limits for your child, to help them cultivate healthy digital habits from a young age.

1. Go to **Settings** > **Digital Balance** > **START**, select **My child**, and touch **OK**.
2. Follow the onscreen instructions to set the PIN and security question.
3. Enable **Screen Time Management**. Then feel free to:
   - Touch **Screen time** to set a daily phone screen time limit for your child.
   - Touch **App and service limits** to set app and service-specific usage limits.
   - Go to **Away time** > **Add** to schedule time away from the phone.

If your child tries to change the screen time management settings, they would have to first enter the **Digital Balance PIN**.

To disable Digital Balance, go to the **Digital Balance** screen and touch **Disable Digital Balance**.

Accessibility Features

Use the Accessibility Features on Your Phone

Accessibility features, like screen-reading apps, magnification gestures, and screen color corrections, make the phone easier to navigate and more friendly to visually-impaired users.

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** > **Color correction** and enable **Color correction**.
2. Touch **Correction mode** to select a color correction mode.

Magnification

Use magnification gestures to zoom in on the screen.

Go to **Accessibility** > **Magnification**, and enable **Magnification** on its settings screen.

Magnification

Zoom in by touching the screen three times in a row. Then, feel free to:

- View other parts of the screen: Drag the screen with two fingers.
- Zoom: Spread two fingers to further zoom in, or pinch two fingers together to zoom out.

While zoomed in, touch the screen with one finger three times in a row to restore the screen to the previous state.

Zoom

You can select full-screen zoom or partial zoom as required. If you select partial zoom, a rectangle will display on the screen. You can drag the rectangle with two fingers to zoom in on the content on the screen.

After the **Magnification** feature is enabled, other apps such as Phone and Calculator may respond slowly.

Enable Color Inversion

Color inversion allows you to invert the color of the text and the background. When Color inversion is enabled, your phone will display text in white and the background in black.

On the **Accessibility** screen, enable **Color inversion**.

Enable or Disable an Accessibility Feature, by Using a Shortcut

Enable or disable an accessibility feature just by pressing the Volume buttons.

1. To do so, on the **Accessibility** screen, touch **Accessibility shortcut**, and enable **Accessibility shortcut**.
2. Touch **Select feature** to select the feature that you wish to enable with the shortcut, like **Color correction**.
3. Then press and hold the Volume up and down buttons simultaneously for 3 seconds to enable the feature. Do the same to disable the feature.

Adjust the Screen Touch Duration

You can adjust the touch duration and long touch duration, and set the time within which repeated touches will be ignored.

On the **Accessibility** settings screen, touch **Touchscreen settings**, then you can perform the following:

- Touch **Touch duration**, and set the touch duration as required.
- Touch **Touch & hold duration**, and set the long touch duration as required.
- Enable **Ignore repeated touches**, and drag the slider to set the time interval for repeated screen touches as required.

Some products do not support the **Ignore repeated touches** feature. The actual product prevails.

Pool Text and Images with SuperHub

Drag text, images, and files on different screens to **SuperHub**, where they are temporarily stored, and then drag individual items, or multiple items, to other apps as needed.

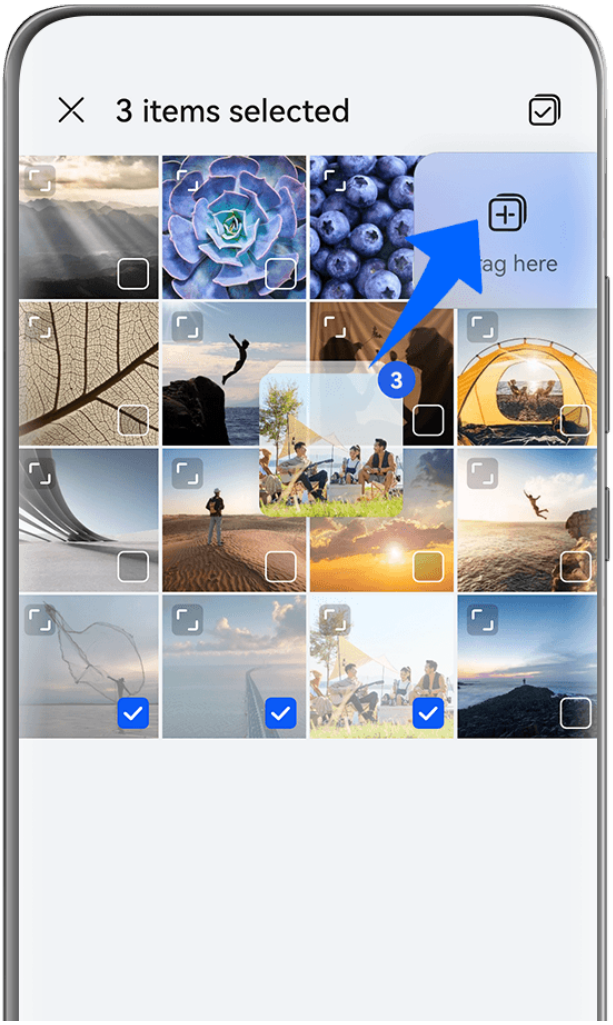
Pool Content from Different Screens

Select text, images, or files within an app, touch and hold down on the content until it starts floating, and drag the content to the **SuperHub** floating window.

You can also touch and hold down on the screen with two fingers to enter AI Touch, select text or images that have been recognized, touch and hold down on the content until it starts floating, and drag the content to the **SuperHub** floating window.

If you select multiple images or files at the same time, the selected content will stack up in **SuperHub**. You can touch the stacked content to view its details.

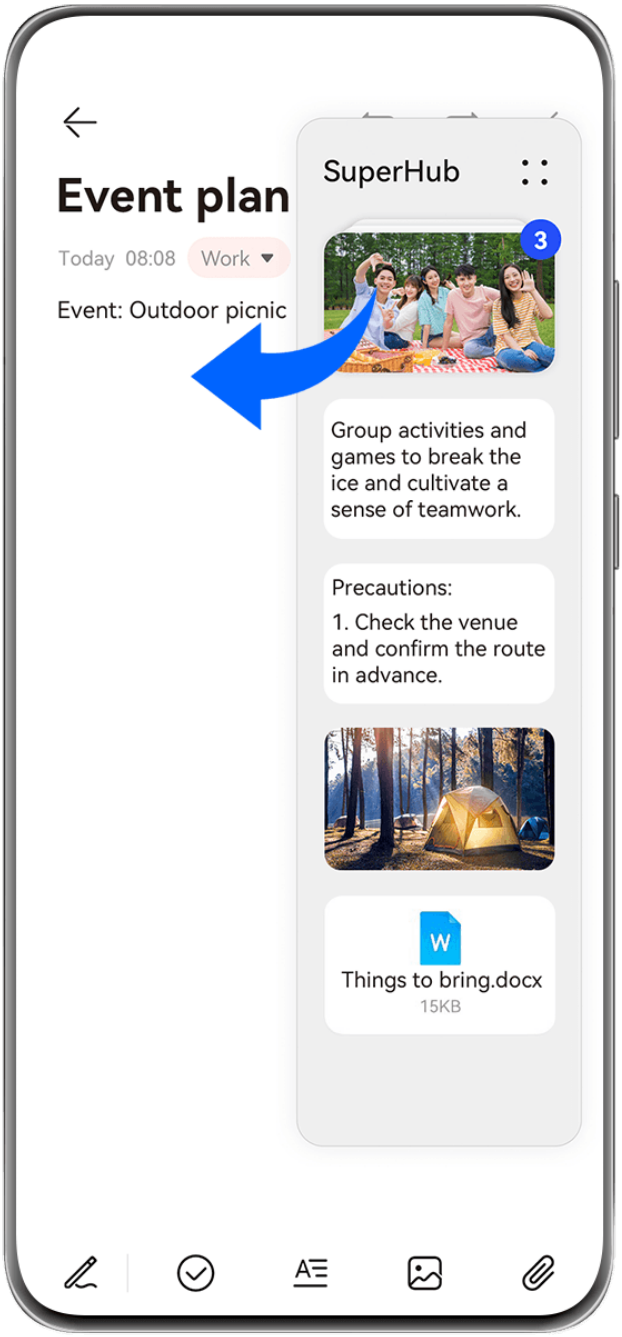
- If the **SuperHub** floating window does not pop up after you touch and hold down on the content, go to **Settings** > **Accessibility features** > **SuperHub**, and enable **Show on drag**.
- Drag-and-drop operations are only supported in certain apps.



The figures are for reference only.

Drag Content to Other Apps

Drag content in **SuperHub** to apps like **Notepad** or **Email** for editing, or to apps like **Files** or **Gallery** for storage.



The figures are for reference only.

For example, when editing a note in Notepad, feel free to:

- **Drag out all items:** Touch and hold down on the **SuperHub** floating window, wait for the content to start floating, and drag all items to the note at once.
- **Drag out individual items:** Touch the **SuperHub** floating window to expand **SuperHub**, touch and hold down on the item that you wish to transfer, wait for the item to start floating, and drag it to the note.
  You can also touch the stacked content in **SuperHub** to view details, and drag individual items out as needed.
- **Drag out multiple items:** Touch the **SuperHub** floating window to expand **SuperHub**, touch and hold down on the content or go to • • • > **Select**, select the items that you wish to transfer, touch and hold down on these items, wait for them to start floating, and drag them to the note.

Drag-and-drop operations are only supported in certain apps.

Manage SuperHub

Touch the **SuperHub** floating window to expand **SuperHub**. (If the floating window is hidden at the edge of the screen, swipe inward on the screen to bring up the floating window.) Then manage **SuperHub** as follows:

- **Deleting content from SuperHub**: Touch and hold down on the content, or go to ••• > **Select**, select the items that you wish to delete, and touch **Delete**.
- **Closing the SuperHub floating window**: Go to ••• > **Close**. Once closed, content in **SuperHub** will be transferred to **History**, which will overwrite the previously used content.
- **History**: Swipe up from the bottom of **SuperHub** to view and use **History**.
- **Clipboard**: Go to ••• > **Clipboard**, enable **Clipboard** as prompted. Once enabled, cut or copied text will display in **Clipboard**.
  You can also enable or disable **Clipboard** by going to **Settings** > **Accessibility features** > **SuperHub**.

Drag Content to Other Devices

If you wish to complete an unfinished task on another device, you can transfer the content from **SuperHub** to another device capable of **SuperHub** with just a touch.

1 Make sure that **Wi-Fi** and **Bluetooth** are enabled on both this device and the target device, and that both devices are logged in to the same **HUAWEI ID**.

2 On this device, touch the **SuperHub** floating window to expand **SuperHub**, touch and hold down on the content or go to ••• > **Select**, select the items that you wish to transfer, touch **Hop**, and touch the name of the target device to transfer the items to **SuperHub** on the target device.

Requirements for File Hop Connections

To transfer content between devices, the following conditions must be met:

1 Make sure that both this device and the target device support **SuperHub**. (This feature will be made available on more models.)
Transferring to a phone/tablet: Make sure that both this device and the target device run EMUI 13.0 or later.
If the SuperHub option is not available on the tablet/phone, it indicates that this feature is not supported by the tablet/phone.
Transferring to a PC: Make sure that SuperHub on this device has been updated to version 3.0.0.440 or later, and that PC Manager has been updated to the most recent. available version, by going to ••• > **Check for updates.**
If the SuperHub icon is not available in the Control Panel on the PC, it indicates that this feature is not supported on the PC.

2 Make sure that **Wi-Fi** and **Bluetooth** are enabled on both this device and the target device, and that both devices are logged in to the same **HUAWEI ID**.

About Phone

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Model: EMA-LX9

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