ColorOS

ColorOS 16.0 User Manual

ColorOS

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Welcome

Get started

Clone Phone, your phone switching helper

Clone Phone offers a quick and easy way to migrate data (such as contacts, messages, call logs, apps, images, videos, preference settings, and cards in your Wallet) from an old phone to your new phone, making the transition seamless.

How to use

Migrate from an Android device from another brand

1. On your new phone, open **Clone Phone**. Tap **This is the new device** and then **Other Android**.
2. Follow the prompts to download and install "Clone Phone" on your old device.
3. When the installation is complete, tap **Already installed on the old device** on your new phone. Connect your old phone to your new phone by scanning the QR code with Clone Phone or connecting manually.
4. After both phones are connected, select the data you wish to migrate on your old phone and tap **Migrate**.

Migrate from an iPhone

1. On your new phone, open **Clone Phone**. Tap **This is the new device** and then **Import data from an iPhone**.

2. Following the prompts, scan the QR code on your new phone with the old phone to install the **Clone Phone** app.
3. Open **Clone Phone** on your old phone and tap **This is the old phone**. Select the data you wish to migrate and tap **OK**.
4. Following the prompts, scan the QR code on your new phone with the old phone and tap **Join**.
5. After both phones are connected, select the data you wish to migrate on your old phone and tap **Migrate**. Wait for the cloning to complete and then tap **Done**.

System navigation

Using navigation gestures

Use gestures for navigation to enhance your mobile experience and make the most out of your device.

How to use

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

How to use gestures:

- Go back to the previous page

  Swipe in from the lower-left or right side of the screen.

- Go back to the Home screen

  Swipe up from the bottom of the screen.

- View recent tasks

  Swipe up from the bottom of the screen and hold.

- Switch to the previous app

  Swipe in from the lower-left or right side of the screen and hold.

Setting up navigation gestures

Go to **Settings** > **System & update** > **System navigation**, select **Gestures**, and set the gestures you need.

- Turn on **Hide gesture guide bar** to hide the gesture guide bar at the bottom of the screen.
- Turn on **Vibrate on back navigation**. Then the phone will vibrate when you swipe in from the left or right side of the screen to go back to the previous page.
- Turn on **Switch to previous app**. Then you can swipe in from the left or right side of the screen and hold to switch to the previous app.
- Turn on **Mistouch prevention** to avoid unintentional touches. When you are using full screen in landscape mode (for example, when you are playing games or watching videos), gestures in certain apps need 2 swipes to take effect.

Navigation with buttons

You can also enable the button navigation function to use the Home and Back buttons to operate your phone.

How to use

1. Go to **Settings** > **System & update** > **System navigation** and select **Buttons**.
2. You can choose your preferred layout of the buttons based on your needs. Once this function is enabled, there will be three fixed navigation buttons at the bottom of the screen.
   - **Open recent tasks**
   - **Go back to the Home screen**
   - **Go back to the previous page**

Screen lock

Lock the screen

Your phone will automatically lock its screen if it remains idle for a while. You can also lock the screen manually by using any of the following methods.

How to use

- Press the Power button to lock the screen.
- Double-tap the empty space on the Home screen to lock the screen. Go to **Settings** > **Home screen, Lock screen & style** > **Home screen settings**. After turning on **Double-tap empty space to lock screen**, you can double-tap the empty space on your Home screen to quickly lock the screen.

Screen Unlock

Lock screen password

Your phone will lock itself if you don't use it for a while.

If you've set a Lock screen password, when you wake the screen, you can swipe up to show the password input panel and enter your Lock screen password.

There are three types of Lock screen passwords.

- **Numeric**: A 4–16-digit password that contains only numbers
- **Alphanumeric**: A 4–16-digit password that contains both numbers and letters
- **Pattern**: A pattern that is created by connecting at least 4 dots

How to use

1. Go to **Settings** > **Security and privacy** > **Device unlock** > **Screen lock** to set up your Lock screen password.
2. If you set a pattern, you can turn off **Show track** to make the pattern invisible when you unlock your phone.

Please ensure you do not forget your Lock screen password. If you forget it, you will not be able to unlock your phone or export any of the data stored on your phone.

Unlocking with face

Using face unlock is both fast and secure.

How to use

1. Go to **Settings** > **Security & privacy** > **Device unlock** > **Fingerprint & Face Unlock** > **Face** and enter your Lock screen password.
2. Hold the phone 20–50 cm away from your face and tap **Continue**.
3. After the phone has collected your facial data, tap **Done**. Once your facial data is collected, you will be able to unlock your phone with your face.

⚠ Avoid having your face in an overly-bright or low-light environment when your facial data is being collected.

Unlocking with fingerprint

How to use

1. Go to **Settings** > **Security & privacy** > **Device unlock** > **Fingerprint & Face Unlock** > **Fingerprint**, and follow the on-screen prompts to put your finger on the fingerprint sensor and enroll your fingerprint.
2. After your phone gets locked, press your finger on the fingerprint sensor to unlock it.
3. After enrolling your fingerprint, you can also do the following:
   - Tap the ⋮ icon next to the scanned fingerprint to rename or delete the fingerprint.
   - Tap **Add fingerprint** to add more fingerprints.

ⓘ • For fingerprint recognition accuracy, we recommend that you enroll your fingerprints again each time you change your screen protector.

- This feature only works on specific models. Please check on your phone to see whether it is supported.

Use Lock Screen Magazine

Lock Screen Magazine can automatically rotate wallpapers on the Lock screen according to your preferences, bringing a personalized and diverse visual experience.

How to use

Go to **Settings** > **Home screen, Lock screen & style** > **Lock screen settings** and turn on **Lock Screen Magazine**. Tap **Preferences** to customize the categories of wallpapers that might be recommended to you.

Set the Lock screen signature

You can set personalized signatures on the Lock screen to make the Lock screen more appealing.

How to use

Go to **Settings** > **Home screen, Lock screen & style** > **Lock screen settings**, tap **Lock screen signature** to enter text, then tap **Done**.

If you want to turn off the Lock screen signature, simply delete the content in **Lock screen signature**.

Add widgets to the Lock screen

You can add widgets such as Weather, Calculator, and Almanac to the Lock screen, making it easy to view information or activate frequently used features. Lock screen widgets can be freely combined for convenient and flexible use.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **All Flux themes**, choose a theme, and tap to edit it.
2. On the **Lock screen** page, tap **Add widget** and add a widget to the screen.
3. When you are finished editing, tap **Apply**.
4. On the Lock screen, tap the widget icon to quickly activate the corresponding feature.

Add quick functions to the Lock screen

You can add quick functions to the bottom of the Lock screen to quickly open frequently used apps, such as Camera, Flashlight, and Calculator.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **All Flux themes**, choose a theme, and tap to edit it.
2. On the **Lock screen** page, tap the app icon at the bottom left or right to edit the corresponding quick function.
3. When you are finished editing, tap **Apply**.
4. On the Lock screen, swipe up on a quick function icon to quickly open the corresponding app.

Flux themes

Set Flux themes

You can choose from a variety of Flux themes to personalize your phone or customize it further by changing the wallpaper, display style, and widgets. You can then apply a theme to your Always-On Display, lock screen, and Home screen.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **Flux themes**, choose a theme, and tap to edit it.
2. On the editing pages for **Lock screen**, **Home screen**, and **Always-On Display**, follow the on-screen instructions to set wallpaper, add lock screen widgets, and select an Always-On Display style.
3. When setup is complete, tap **Apply**.

- On a foldable phone, you can tap or at the top of the Flex theme editing page to customize it for the main screen and cover screen.
- Available Flux themes and customization options may vary by device model.

Display lunar calendar on the Lock screen

You can add lunar calendar to your Always-On Display and Lock screen.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **All Flux themes** and tap a theme to edit it.

2. On the **Lock screen** edit page, tap **Add widget** and add the Lunar calendar widget.

You can also tap the clock style and add lunar calendar information on the Lock screen page.

Edit Flux theme clock style

Themes with large clock style support editing of the Lock screen clock style to make your Lock screen more personalized.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **All Flux themes** and tap a theme with large clock style, such as **Chase the Light** or **The Contrarian**, to edit it.
2. On the **Lock screen** edit page, tap the large clock to set clock style and font size.

Generate AI-powered text for the Lock screen

You can use AI to generate text in various styles for the Lock screen, based on its wallpapers, bringing the Lock screen to life.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **All Flux themes**, choose a theme with text, such as one under **Make Your Moment**, and tap to edit it.
2. On the **Lock screen** page, tap **Wallpaper** and select your favorite wallpaper.

3. Tap the text on the wallpaper, select **Custom** under **Layout**, and tap to generate AI-powered text for the wallpaper.

Set motion photos or videos as wallpapers

You can use motion photos and videos as wallpapers to bring your phone to life.

How to use

1. Open the **Photos** app and select your favorite motion photo or video.
2. Tap > **Set as wallpaper**, choose whether to apply it to the **Lock screen** or **Home screen**, then follow the on-screen prompts to finish.

- If you set it as your Lock screen wallpaper, when you edit the Lock screen, tap **Depth** and AI will automatically separate the background from the subject.
- When editing a Flux theme, you can also choose a motion photo or video to replace the wallpaper.

Home screen

Edit Home screen icon style and layout

You can customize the Home screen icon layout and style to make it more comfortable for your needs.

How to use

Pinch with two fingers anywhere on the Home screen to enter the Home screen edit mode.

- Tap **Layout** to select a grid type. You can also hide icon names from the Home screen.
- Tap **Wallpapers & style** > **Icons** to set the icon style and size.

Set Home screen wallpaper

You can set your favorite photos (including motion photos) and videos as your Home screen wallpaper to bring your phone to life.

How to use

1. Go to **Photos** and open your favorite motion photo or video.
2. Tap ⋮ > **Set as wallpaper**, apply it to the **Lock screen** or **Home screen**, then follow the on-screen prompts to finish.

- You can also choose motion photos or videos when replacing wallpapers on the Flux theme edit page.
- Motion and video wallpapers are only supported on some models.

Home screen folder

Creating app folders

You can group apps into Home screen folders, so you can easily manage or find them.

How to use

- On your phone's Home screen, touch and hold an app icon and drag and drop it onto another app to create a folder.

- Or you can touch and hold on any empty space on the Home screen or pinch with two fingers to enter Editing mode, select multiple apps, and then tap **Create folder** at the bottom.

After creating a Home screen folder, you can drag and drop other apps into the folder.

To rename a folder, open the folder and tap on its name.

To make a folder bigger, touch and hold the folder. For apps grouped in a large folder, simply tap an app icon to open the app. If there are 9 or more apps in the folder, a small grid view of apps will be displayed in the lower-right corner. Tap the grid view to open the folder.

Merging folders

You can just drag a folder to another to merge them.

How to use

Drag a folder on the Home screen to another folder and hold, then release to merge them.

Edit Home screen folder style

Touch and hold a 2×2 folder on the Home screen to select from different styles such as 9-grid view, 4-grid view, and large icon highlighting the first app.

Deleting folders

How to use

Tap and hold a folder, and tap **Remove folder**. All apps in the folder will be moved to the Home screen.

Apps in the folder will be moved to the current screen if there is enough space. If not, they will be moved to the last screen. Apps will be placed in the same order they were in the folder.

Home screen widget

Add widgets to the Home screen

You can add widgets for frequently used features or apps, such as Step tracker, Weather, Almanac, System health, and Package delivery services, to your Home screen for quicker access to information.

How to use

1. Pinch with two fingers anywhere on the Home screen to enter the Home screen editing mode.
2. Tap **Widgets**, select the widget you want to add in **Widgets**, then tap **Add**.
3. Touch and hold a widget to remove it.

Stacking widgets of the same size

Having trouble finding a widget on your Home screen? You can stack widgets of the same size to make your Home screen neater.

How to use

Touch and hold a widget and drag it over another widget or a widget stack of the same size. The widgets will be stacked together.

- Swipe the widget stack up or down: View a different widget.
- Touch and hold a widget stack: View all widgets, adjust or delete a specific widget, or remove the entire widget stack.

To use this feature, update your system to the latest version.

Resize icons, folders, and widgets

You can adjust the size of app icons, folders, and widgets to make the Home screen more comfortable for you.

How to use

Touch and hold an app icon, folder, or widget to start editing. Drag the icon from its lower-right corner to adjust the size.

Only some widgets can be resized, such as delivery service and power consumption widgets.

sAdd app shortcuts

After enlarging an app icon, you can pin commonly used shortcuts to it for easier access.

How to use

1. Touch and hold an app icon and drag its lower-right corner to enlarge the icon.
2. Tap ⊕ to add the desired shortcuts. After adding, you can tap a shortcut to quickly access the corresponding feature.

Adding shortcuts is supported only for some app icons.

Live Alerts

Using Live Alerts

Services supported by Live Alerts include:

- ride hailing, food delivery, and other order-based services.
- Calls, personal hotspot, timer, audio recording, screen recording, screencast, Multi-Screen Connect, speech-to-text transcription, and other real-time activities.
- Personal hotspot, timer, audio recording, screen recording, screencast, Multi-Screen Connect, and other real-time activities.

How to use

- Tap the capsule to expand it as a card, then tap the card to open the corresponding app.
- Touch and hold the status bar capsule to expand it into a card. Touch and hold the card to manage the current service.
- Swipe up or tap a blank area to collapse it.

To ensure an immersive experience when watching videos or playing games in full screen, cards that previously automatically popped up will instead be displayed as a capsule in the status bar.

Turning off Live Alerts

You can turn off Live Alerts by following the steps below:

How to use

- Swipe down from the status bar to open the notification drawer, find the card that you want to turn off, swipe left on it, and tap **Settings**. On the pop-up panel, select **Turn off this reminder** to dismiss the current notification, or select **Turn off reminders for this service** to permanently turn off notifications from this service.
- Touch and hold a Live Alerts card to open a pop-up panel. Select **Dismiss this reminder** to dismiss the notification, or select **Turn off reminders for this service** to permanently turn off notifications from this service. For notifications displayed as capsules in the status bar, expand them into cards and then perform the relevant actions.

Please note that you cannot permanently turn off Live Alerts for system activities such as timers, audio recording, and screen recording. You can simply dismiss them or wait for them to end.

Notification Center

Viewing the notification drawer

The notification drawer is where you'll find all push notifications. You can tap on the title of a notification to view its details, swipe left to manage a notification, or clear all notifications with just one tap.

How to use

1. Opening the notification drawer
    - When the Notifications and Quick Settings feature has its display mode set to **Split**, swipe down from the upper-left corner of the screen.
    - When the Notifications and Quick Settings feature has its display mode set to **Classic**, swipe down from anywhere at the top of the screen.
2. Viewing and clearing notifications
    - Tap on the title of a notification to open the corresponding app and view the notification's content in detail.
    - Swipe left on a notification and tap to delete it, or tap to see more settings, such as **Pin to top** and **Turn off**.
    - Swipe right on a notification to delete it.
    - Tap to delete all notifications.
    - When you receive an SMS verification code, a bubble will appear. If you tap the bubble, the code will be automatically copied and pasted into the corresponding area.

- You can go to **Settings** > **Notifications & Quick Settings** > **Quick Settings** to set the display mode for the Notifications and Quick Settings feature.
- Some third-party apps that use privacy keyboards are unable to access the clipboard or copy SMS verification codes.

Setting notification styles

You can set up notification styles for Lock screen, banners, and Home screen app badges to improve message alerts.

How to use

1. Go to **Settings** > **Notifications & Quick Settings**.
2. In **By location** :
   - Tap **Lock screen notification :** Choose whether you want to allow a pull-down notification drawer while the screen is locked, show content and source for new notifications, or wake up the screen for notifications.
   - Tap **Banner notifications :** Choose whether you want to support replying to messages in floating windows or use banner notifications when the phone is full screen.
   - Tap **Badge :** Choose whether you want to display Home screen app badges with numbers, dots, numbers-and-dots, or none.

Smart notification hiding

When you check your phone in public places, such as elevators and subways, you may worry that some notifications containing sensitive information can be seen by others.

If you turn on the Smart notification hiding feature, your phone will use its front camera to detect faces. When it detects the presence of someone other than you, it will hide the notification content to ensure that the information is not leaked.

How to use

Go to **Settings** > **Notifications & Quick Settings** > **More settings** > **Smart notification hiding**, turn on **Smart notification hiding**,and enroll your facial data.

Temporarily block app banner notifications

Receiving app notifications frequently when playing games or watching videos can be disturbing. You can simply swipe up on a notification to temporarily mute it and stay focused.

How to use

1. Go to **Settings** > **Notifications & Quick Settings** > **Banner** > **Temporarily block** and select **1 minute** or **Until screen is locked**.
2. Once the setting is done, the next time you receive a banner notification, you can swipe up on it and temporarily block notifications from the app.

View notification history

You can turn on Notification history to view past and delayed notifications.

How to use

Go to **Settings** > **Notifications & Quick Settings** > **More settings** > **Notification history** and turn on Notification history.

Additional notification drawer settings

Manage notification permissions for all apps in one place. You can customize how notifications are displayed per app.

How to use

1. Go to **Settings** > **Notifications & Quick Settings**.
2. You can:
   - Turn on **Hide notification details on Lock screen**, which will hide notification content when the device is locked.
   - Turn on **Wake screen when a notification is received** to have the screen light up when a notification arrives.
   - Tap **More settings**, and turn on **Display data usage in notification drawer** or **Reduce notification feedback** as needed.
   - Under **App notifications**, you can select the app you want to adjust notifications for and set notifications to **Allow notifications**, **Pin to top**, **Set as silent**, and more.

Control Center

Open Quick Settings

Quick Settings brings together your frequently used tiles, media control, My Devices, and more features to make it easy and quick for you to use your phone.

How to use

1. Swipe down from the upper-right corner of the screen to open **Quick Settings**.
2. In Quick Settings, you can conveniently do the following:

- In Media player, you can control audio playback, adjust progress, and switch between recently used media devices.
- In My Devices, you can manage all types of connected devices.
- Drag the slider to adjust screen brightness; drag the slider to adjust sound.
- Tap a tile to turn the corresponding feature (Bluetooth, Flashlight, Eye Comfort, etc.) on or off. Touch and hold the tile to access the corresponding setting page.
- Tap in the upper-right corner to quickly enter Settings.
- Tap :
  - Touch and hold a tile to drag it for repositioning or resizing. For example, if you drag a tile to the upper area of the screen, it will become a large tile.
  - Tap to add more tiles. If you've deleted a large tile (such as Media player) and want to add it back, reserve an appropriately sized space and tap to restore it again.

You can go to **Settings** > **Notifications & Quick Settings** > **Quick Settings** to set the display mode for Notifications & Quick Settings. If you select **Classic** mode, you can swipe down from the top of the screen to open the notification drawer, then swipe down again to open **Quick Settings**.

Set Quick Settings mode

Quick Settings supports split mode and classic mode. Select a mode that suits your usage habits.

How to use

Go to **Settings** > **Notifications & Quick Settings** > **Quick Settings** to select mode:

- **Split**: Swipe down from the upper-right of the screen to open **Quick Settings**.
- **Classic**: Swipe down from the top of the screen to access the notification drawer. Swipe down again to open **Quick Settings**.

Access Quick Settings from the Lock screen

WIth this feature turned on, you can access Quick Settings from the Lock screenby swipe down from the upper-right corner of the screen.

How to use

Go to **Settings** > **Notifications & Quick Settings** > **Quick Settings** and turn on **Allow Quick Settings on Lock screen**.

Display tile names in Quick Settings

You can choose to show or hide tile names in Quick Settings.

How to use

Go to **Settings** > **Notifications & Quick Settings** > **Quick Settings** and turn **Show tile names** on or off.

Recent tasks

Viewing recent tasks

There are two ways to view recent tasks based on the navigation method of the system.

- When you are using gestures for system navigation, swipe up from the bottom of the screen and hold, and then release to enter the recent tasks screen. You can view your recent tasks by swiping left or right.
- When you are using buttons for system navigation, tap the ☰ button to enter the recent tasks screen. You can view your recent tasks by swiping left or right.

Clearing background apps

How to use

1. When you're using navigation gestures, swipe up from the bottom and hold for 1 second to enter Recent tasks.

When you are using buttons for navigation, tap ☰ on the bottom of the screen to enter Recent tasks.

2. To clear an app, drag and slide the app widget up.

3. Tap **Close all** below to clear all background apps with one tap.

4. If you see 🔒 on the left side of the app, you need to tap ⋮ to unlock the app before clearing it.

Set the style of Recent tasks

The Recent tasks widget supports two styles: Stacked and Flat. You can select the style you prefer.

How to use

Go to **Settings** > **Home screen, Lock screen & style** > **Home screen settings** > **Manage apps** and select **Stacked** or **Flat**.

Enter text

Switch input method

How to use

Go to **Settings** > **System & update** > **Keyboard & input method** > **Manage keyboards**, then choose your preferred keyboards.

Adjusting keyboard settings

How to use

Go to **Settings** > **System & update** > **Keyboard & input method** to adjust the keyboard settings.

- Tap **Keyboard location**. You can follow the onscreen instructions to customize the settings.
- Turn on **Secure keyboard for passwords** to protect your password when you are entering it.

- Turn on **Mistouch prevention** to enter text with greater ease.

Shelf

Shelf

Shelf is an app that brings together a wide range of app widgets. You can add desired widgets to Shelf for quick use.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **Home screen settings** and set **Swipe down on Home screen** to open **Shelf**.
2. Swipe down on the Home screen to open Shelf, then:
   - Tap the search bar and use the Global Search feature to quickly search for relevant content.
   - Tap ⊕ to add a widget to Shelf.
   - Tap ⚙ to view information such as the version number of the Shelf app.

Screenshot

Taking a full screenshot

You can take a screen with any of the following methods:

How to use

- 3-finger screenshot

The 3-finger screenshot feature is turned on by default. You can swipe down anywhere on the screen with three fingers to take a screenshot.

If that doesn't work, go to **Settings** > **Accessibility & convenience** > **Screenshot**, and make sure **3-finger swipe down** is turned on.

- Screenshot with buttons

Press **the Power button and the Volume down button** at the same time.

Taking a partial screenshot

You can use the partial screenshot feature to take a screenshot of only part of the screen. You can take a partial screenshot in a rectangle, ellipse, or any shape you like.

How to use

1. The 3-finger screenshot feature is turned on by default. You can touch and hold the screen with three fingers to take a screenshot at any time. If it doesn't work, go to **Settings** > **Accessibility & convenience** > **Screenshot** and turn on **3-finger touch and hold**.
2. Take a screenshot, touch and hold on the screen with three fingers, and you will see a screenshot preview.
3. You can change the screenshot area.
4. You can change the shape of your screenshot into a rectangle, ellipsis, or any shape you draw on the screen.

Taking a scrolling screenshot

You can take a scrolling screenshot to capture content that extends beyond the visible screen.

How to use

1. Go to **Settings** > **Accessibility & convenience** > **Screenshot**, then turn on **3-finger touch and hold**. To take a scrolling screenshot, touch and hold with 3 fingers and swipe down until off the bottom edge of the screen.
2. Let the page scroll down until you have captured what you want, or swipe up or down on the screen to adjust how much to capture. To stop capturing, tap **Done**.

You can also touch and hold with 3 fingers, or press and hold **the Volume down button and the Power button** at the same time to take a regular screenshot first. When the screenshot preview appears, tap **Scroll** to start capturing a scrolling screenshot. Swipe down until you have captured what you want. To stop capturing, tap **Done**.

Sharing and editing screenshots

You can edit or share a screenshot after you have taken it.

How to use

1. Once you have taken a screenshot, a screenshot preview appears with a Share button below it. Tap the Share button to share your screenshot with your contacts using WeChat or Facebook.

2. After tapping the floating preview, you can doodle on the screenshot, pixelate it, add text, rotate it, crop it, apply filters, or delete it.

Record

Adjusting screen recording definition

Before recording, change the screen recording definition as needed. You can choose from three definition presets, or set a custom definition.

· High (1080p, 16 Mbps)

· Medium (720p, 8 Mbps)

· Low (480p, 4 Mbps)

· Custom (set you own recording definition and bitrate).

How to use

Go to **Settings** > **Additional settings** > **Screen recording** > **Definition**.

The maximum definition may vary. Please refer to the phone in use.

Recording your screen

With the Screen recording feature, you can effortlessly capture your on-screen activities, whether it's an exciting gaming moment or a tutorial.

How to use

1. Swipe down from the top of the screen to open Quick Settings and tap **Screen recording**.

2. During the recording, tap the Live Alerts capsule at the top of the screen to expand the screen recording floating window. Tap ❚❚ to pause recording. Tap ■ to finish recording. The recording will be automatically saved to Photos.

Recording a screen area

If you want to record only a specific area of your phone screen, you can use the Partial screen recording feature.

How to use

1. Swipe down from the upper-right corner of the screen to open Quick Settings, then touch and hold **Screen recording** and select **Partial screen recording**.
2. Once you've dragged or adjusted the recording area, tap ✓ to start recording.
3. During the recording, tap the Live Alerts capsule at the top of the screen to expand the screen recording floating window. Tap ❚❚ to pause recording. Tap ■ to finish recording. The recording will be automatically saved to Photos.

ⓘ This feature is only available on some devices.

Snap Key

Take quick actions with the Snap Key

You can press and hold or short press the Snap Key on the left side of your phone to quickly perform an action, such as capturing a MemoClip, turning on the flashlight, or opening Camera, Recorder, or Translate.

How to use

Go to **Settings** > **Snap Key** to assign a shortcut to an action.

This feature only works on specific models.

Special features

AI

Mind Space

Mind Space — effortless recall of various contents

Having trouble locating the content you saved because of messy and difficult management across too many apps?

Use Mind Space to quickly capture on-screen information. Smart categorization of recorded content, extracting key information, and generating content tags that enable you to view memory content at any time.

How to use

- On a page where you want to collect the information, press the Snap Key or swipe up with 3 fingers to save to Mind Space. The system will automatically record and save the information from the page.
  - Mind Space now supports a wider range of content types, including videos, multi-image posts, screenshots, and more.
  - In some video apps, using Save to Mind Space while watching allows you to quickly record videos.
  - Save to Mind Space can be used on screenshot thumbnails, allowing you to quickly record the contents of the screenshot and easily find and use it later.
  - When the phone is in landscape mode, you can trigger Save to Mind Space to record the contents of the screen.
- Press and hold the Snap Key and start speaking. Once you have finished recording, the system will automatically save the recording in Mind Space.

- If your phone supports Snap Key, go to **Settings** > **Snap Key** and set it to **Save to Mind Space**.
- Snap Key is only supported on certain models.

Memory content recommended by AI Suggest

AI Suggest can conveniently suggest tickets that you've purchased and added to Mind Space close to the event, so there's no need to search through everywhere when you arrive — just tap and scan the QR code.

- When you purchase a movie ticket, save the ticket information to Mind Space and a reminder will appear in the AI Suggest widget and Live Alerts close to the time.
- When you book a hotel, you will save your booking information to Mind Space. On the day of your stay, a reminder will appear in the AI Suggest widget and Live Alerts.
- When you purchase a ticket for an attraction, save the ticket information to Mind Space and the ticket information will appear in the AI Suggest widget and Live Alerts before it expires or when you arrive at the attraction.

How to use

Go to **Settings** > **AI** > **AI Suggest** > **Mind Space** and turn on **Movie ticket orders**, **Attraction ticket orders**, and **Hotel bookings**.

Manage Mind Space

Mind Space can dynamically identify hidden connections between memories based on AI and recommend combined suggestions for easy compilation and sorting of memories.

How to use

- Memory content from voice inputs is automatically generated into a **voice memory** and pinned to the top of the collection page.
- The first page contains a collection recommendation bubble, which you can tap to view the content and save it as a collection.

- Tap **Collection** > ＋ and enter the collection name. The system will automatically associate the memory based on it.

  Tap ⋮ > **Add memory** in the upper-right corner. You can add multiple memories to the current collection.

ⓘ
- Voice memory is only supported by models with Snap Key.
- The recommended categories are mainly tourism, food, celebrities, drama, and pets.

AI Suggest

Enable AI Suggest to get real-time services

AI Suggest can dynamically sense the scenario based on time, location, events, and your daily habits in order to provide you with thoughtful and efficient smart services. You can add the AI Suggest widget to your Home screen to get reminders and view service messages at any time.

Lifestyle:

- When you wake up in the morning, it will provide timely weather forecast. In case of any abnormal weather, you will be reminded to make appropriate adjustments to your travel plans.
- If your phone's battery level is low, you'll get a reminder to charge it along with an estimation of how long it will take to charge. AI Suggest also allows you to tap to view battery health and set power saving mode.

Work:

- Work events that you add to the Calendar will be displayed in the suggestions in Home screen widget close to the start time.

Entertainment:

- When you save your movie tickets, hotel reservations, or attraction entries to Mind Space after placing the orders, they will be displayed in the ticket widget close to the time to streamline the scanning and verification process when you arrive.
- When the AI system detects breaking news stories, it will push them on your Home screen for quick access.

...

How to use

1. The AI Suggest widget will be displayed on the Home screen by default. You can go to **Settings** > **AI** > **AI Suggest** to pair a service account and enable app suggestions, content services, and system tools.
2. You can also add the AI Suggest widget to the Quick Glance by swiping to the leftmost of your Home screen to open it. Then tap + in the upper-right corner and add the AI Suggest widget.

Different service reminders require the corresponding third-party app to be installed beforehand.

AI Editor

AI Portrait Glow keeps you looking your best even in poor lighting

When taking photos in low light, backlight, or overhead lighting, **AI Portrait Glow** can intelligently analyze the lighting around subjects and apply fill light to enhance brightness.

How to use

1. Go to **Photos**, open a portrait photo and tap **Edit** > **AI Editor** > **AI Portrait Glow**. The system will automatically detect and analyze ambient and subject lighting to provide the optimal fill light.
2. After completing the fill light, drag the slider to adjust the brightness.

This feature is only available for photos with a human subject.

AI Recompose, your composition helper

Do you have trouble composing a photo and can't get the desired effect no matter how hard you try? Try out **AI Recompose**. It can automatically crop photos to adjust their aspect ratio and help you find the best composition, as well as achieve effects such as highlighting subjects and zooming in on the details.

How to use

1. Go to **Photos**, tap a photo to open it in full screen, then tap **Edit** > **AI Editor** > **AI Recompose**. The system will automatically scan the photo and crop out any excess to achieve the best composition.

If the photo is a portrait photo, the system will automatically calibrate the subjects' aspect ratio.

2. After the composition is completed, the system will recommend 5 filters based on the content of the photo. You can swipe left or right on the photo to select the filter you like.

This feature only works on specific models.

AI Perfect Shot

Clumsy expressions or closed eyes can ruin your photos. Took many photos, but none seem good enough? AI Perfect Shot is here to help. This tool effortlessly replaces your face in a photo with a flawless expression, transforming every shot into perfection!

How to use

1. After taking multiple group or individual photos with clear faces, go to the Photos app and open the specific photo where you want to replace expressions.
2. Tap **Edit** > **AI Editor** > **AI Perfect Shot**. The system will automatically detect faces and find alternative expressions for each person.
3. Tap the expression you want to replace with, and tap **Done** > **Save**.

This feature is only applicable to photos with a number of faces between 1 and 20.

AI Writer

AI Writer makes writing easier

Are you adept at composing text for various scenarios, such as work report slides, personal essays and sharing on social media? Try AI Writer and let AI spark your creativity, making writing easier and more engaging.

How to use

Whether you're writing in Notes, Documents, RedNote, or WeChat Moments, you can tap to:

- Tap **Write anything**: After entering the writing requirement in the text box, tap **Generate.** The system will generate an article based on your requirements. You can also tap **Keep editing** and enter another writing request to generate an article again.
- Tap **Write posts**, select the social platform or content type and the system will automatically generate text that matches your choice.
- Tap **Polish** or **Format** to refine the edited text. Once you're done, you can tap to change the writing style, length, or emoji usage, or to make any other modification request.
- Tap **Mind map** or **-Table** to easily convert text content into a document in the appropriate format.

Some functions will not be available when the text is too short.

AI VoiceScribe, your work & life helper

AI VoiceScribe offers audio recording, summary, captioning, and translation features, meeting your needs in various work and life scenarios.

When using VoIP features in apps such as Instagram, WhatsApp, and Zoom for calls or meetings, you can use the audio recording and summary features to document call or meeting content efficiently.

When watching videos or taking online courses in foreign languages, you can use the captioning and translation features to overcome any language barriers.

How to use

When in a call, meeting, or online course or when watching videos on a VoIP or video app, find the floating bar on the edge of the screen, swipe in on the bar to show the Smart Sidebar, and tap **AI VoiceScribe**. You can:

- Tap **Start recording** to record audio of the entire call, meeting, or course so you can review it afterwards.
- Tap **Start AI Summary** to transcribe audio into text in real time and generate summaries and a list of key items.
- Tap **Turn on captions** to display live captions. You can specify the source and target languages to translate the captions so you can easily follow along with the content.

You can choose apps to use this feature for. Open **Recorder**, tap ⋮ > **Settings** > **AI VoiceScribe** > **Open AI VoiceScribe automatically**, then **Supported apps** and turn on the switch of the app you want to use this feature for.

AI Studio

Generating time-lapse motion photos

You can transform a landscape photo into a motion photo with just one tap. This allows you to bring your scenery to life without any professional equipment or photography skills.

How to use

1. Go to **AI Studio** > **AI Motion**, then tap **Generative Livephoto**.
2. Tap **Generate**, choose **Upload from Photos**, then choose a landscape photo. You can also choose **Use Camera** to take a new landscape photo.
3. You can generate an animated motion photo with time-lapse effects like sunrise, sunset, clouds, or stars.
4. Choose a generated photo to preview the live effects.
5. Once the automatic generation is complete, you can view the generated motion photo in **My profile** > **History** > **AI Motion**. You can then tap the photo and choose **Share**, **Favorite**, **Download**, or **Delete**.

Generating pet motion photos

You can create lively and cute live wallpapers from your cat or dog photos with just one tap.

How to use

1. Go to **AI Studio** > **AI Motion**, then tap **Pet Animation**.

2. Choose **Upload from Photos**, then choose a pet photo. You can also choose **Use Camera** to take a new pet photo. Then tap **Generate**.

3. Once the automatic generation is complete, you can view the generated motion photo in **My profile** > **History** > **AI Motion**. You can set a pet photo as your wallpaper by tapping a photo, then **Apply to**, and **Home & Lock screens**.

A new, fun way of photo editing with AI Reimage

You can upload an image and transform its style. For example, you can generate different styles such as anime, painting, and sketch from a single photo.

How to use

1. Open **AI Studio**. Tap **AI Reimage**, select a style, and upload a photo from the Photos app or take a new one with the camera. Then tap ✓.

2. Crop the image if needed, tap ✓, and then tap **Generate**.

3. Once the photo is generated, tap to view it, tap **Download** to save it to the Photos app, or choose **Share**, **Favorite**, **Edit**, or **Delete** as needed.

If **AI Studio** has been uninstalled, you can reinstall it from the default app store.

Creating awesome portraits with AI Studio

You can simply upload a photo and generate stunning portraits in different styles. For example, a single photo can be used to create ID photos in a campus style, various types of cartoon images, professional portraits, fashion art photos, outdoor travel photos, and more.

How to use

1. Open **AI Studio**. Tap **AI Portrait**, select a template, and tap ＋. Choose a front-facing photo from the Photos app or take a new one with Camera. Then tap ✓.
2. Crop the photo if needed, tap ✓, and then tap **Generate**.
3. Once the photo is generated, tap to view it, tap **Download** to save it to the Photos app, or choose **Share**, **Favorite**, or **Delete** as needed.

You can also choose a template from recommendations on the homepage of **AI Studio**.

If **AI Studio** has been uninstalled, you can reinstall it from the default app store.

AI Group Photo Composer

If someone cannot make it to a photo shoot, you can use AI Group Photo Composer to easily add them in to make the group photo complete.

How to use

1. Go to **AI Studio** > **AI Motion**, then tap **AI Group Photo Composer**.
2. Tap ＋ to upload a photo that contains one or more people. Then tap **Add the person here** and drag the frame to find the best position.
3. Tap ＋ to upload a photo of the person you want to add. Move and resize their portrait as you see fit and tap **Generate**.

Replicating photo styles with AI Style Transfer

You can transform any photo into your favorite style with one tap.

How to use

1. Go to **AI Studio** and tap **AI Style Transfer**.
2. Tap ＋, then take or upload a photo that you want to change the style of.
3. Swipe left or right below to select your favorite style, or tap ＋ on the right to upload images with your preferred style.
4. Tap **Generate**. After an image is generated, you can view it in **My profile** > **History**. Tap the generated image to perform more actions such as **Share**, **Favorite**, **Download**, and **Delete**.

Translating calls with AI in real time

Translate Call can perform real-time voice translation during calls, breaking down language barriers in business and travel.

How to use

1. Go to **Phone** > ⋮ > **Settings** > **AI Call Assistant**, then turn on **Translate Call**.
2. Depending on your personal needs, you can choose whether to play the original voices of yourself and the other party, or choose the sound and speed of the announced content.

3. After answering a call, on the call screen, tap **AI Call Assistant** > **Translate Call** to enter the call translation interface.

The system can automatically identify the other party's language. If the recognition is inaccurate, you can manually select the other party's language on the call translation interface.

Only Simplified Chinese, English, Japanese, Korean, Malay, and Indonesian are currently supported.

Work efficiency

AI Search

Ever forget where you saved stuff on your phone? With AI Search, you can quickly find them even when you only have a vague idea and can't recall the exact key words.

Not only can it locate your notes, recordings, files, pictures, and Mind Space content, but it also organizes, analyzes, and summarizes the compiled data based on the Mind Space search results.

How to use

1. Go to **Settings** > **AI** > **AI Search** and turn on **AI Search**.
2. Swipe down on the Home screen to open Global Search or wake the Voice Assistant. Then type in or say what you want to find to start a search.

Documents

Use the Documents app

Designed for effortless document management and editing, the Documents app helps you stay productive on the go with powerful features like searching, viewing, editing, summarization, format conversion, and more.

How to use

Open the **Documents** app. You can do any of the following:

- Search: You can search for documents stored locally on your device and documents that you opened in third-party apps.
- View: Open Word, PDF, CAD, and Keynote documents without installing the original apps.
- Create and edit: documents in various formats and use AI Writer to polish, translate, or summarize your work.
- Convert formats: Convert between document formats for easier sharing and editing.

The features available may vary by document type.

See the big picture with Mind map

When reading large documents, the Mind map feature helps you visually organize information into a clear hierarchy, making complex information easier to understand.

How to use

1. Go to **Documents** and open a document you need to read.
2. Tap > **Mind map** at the bottom. The system will automatically generate one.

A mind map cannot be generated when the document is less than 100 words.

AI document translation

When reading documents in foreign languages, you can use the AI document translation feature to translate documents into the language you need.

How to use

1. Go to **Documents**, tap and open the document that you want to translate, and tap > **Translate**.
2. Select the source and target languages as needed and tap **OK** to translate the full text.
3. On the translation screen, tap **Translation** or **Original** to switch between the translated and source text. You can also tap at the bottom to share the translation.

This feature is available for Word documents only.

Summarize documents with AI

Document Summary leverages AI to condense original texts, extract key points, and generate concise summaries. This allows you to grasp the essence without reading the entire document. Each key point indexes the corresponding page number(s) from the original text, enabling you to quickly reference the source when needed.

How to use

1. Go to **Documents** and open the file you want to read.
2. Tap > **Summary** at the bottom of the screen. A summary of the document will be generated, with each key point indexing its corresponding page number(s) from the original text for easy navigation.

Translate

Using Translate

Traveling abroad and don't understand or can't speak the local language? The Translate app will be able to help you out. Enter text or speak to get translations. Even conversations can be carried out freely with speech translated in real time.

How to use

Text or voice translation

1. Open **Translate**, tap the text input field and specify the languages you want. Then:
   - Enter text to translate.
   - Tap and talk. When you finish, tap it again to start translation.
2. After translation is complete, you can tap to play the translation and tap to copy the translation.

Conversation translation

1. Open **Translate** and tap **Conversation**.

2. Tap at the bottom and start speaking. Tap it again to start translation.

   The translation will be displayed on the screen. Tap to play the translation or tap > **Auto play** in the upper-right corner to play the translation automatically.

You can also tap in the upper-right corner to enter face-to-face mode, allowing each party to see the translation on their half of the screen.

Chatting freely with foreigners with conversation translation

Traveling abroad and don't understand or can't speak the local language? You can use conversation translation to make your phone act as an interpreter, enabling seamless communication.

How to use

1. Open **Translate** and tap **Conversation**.

2. Tap at the bottom and start speaking. Tap it again to start translation.

   The translation will be displayed on the screen. Tap to play the translation or tap > **Auto play** in the upper-right corner to play the translation automatically.

You can also tap in the upper-right corner to enter face-to-face mode, allowing each party to see the translation on their half of the screen.

Translate on-screen text

Need help when browsing websites or reading in a foreign language? Use Screen translate to convert it to your preferred language.

How to use

1. Open the **Translate** app, tap **Screen**, return to the screen you want to translate, and tap the 文/A button in the lower-left corner.
2. You can:
   - Tap **Fullscreen** to translate the content of the entire screen. The translation will override the original content.
   - Tap **Partial** and circle or highlight the content you need to translate. The translation will be displayed in a pop-up window, and you can copy it.

Camera

Confused by the menus and street signs when traveling abroad? Use the Camera feature in Translate to get instant translations of menus and street signs and then shop and order like a local.

How to use

1. Go to the **Translate** app and tap **Camera**. Take a picture of what needs to be translated and the results will be displayed on the screen.
2. Tap the language picker above to switch the languages.

Foldable features

Using the rear camera to take selfies

When the phone is opened, you can use the rear camera to shoot selfies with higher image quality and preview the image on the cover screen.

How to use

1. Unfold the phone and open the camera app on the main screen. Tap to switch to the front camera.
2. Tap the **Hi-Res Selfies** button in the viewfinder and follow the prompts to flip the phone around and use the cover screen, with the rear camera pointing at the subject. You can preview the image and switch modes on the cover screen.
3. Tap the shutter button.

This feature only works on specific models.

Book-style foldable phones

Split View on the main screen

To multitask efficiently, such as chatting with friends while watching videos, open the relevant apps in Split View on the main screen.

How to use

- **Entering Split View with smart suggestions:**

- After switching between the 2 same apps 3 times, you will receive a prompt to enter Split View.
- When tapping a link that redirects you to another app, you will receive a prompt to enter Split View.
- After opening a document in full screen in an app, you can tap ••• > **In-app Split View** to display the document and the app side by side in Split View.

- Entering Split View with a gesture: Go to **Settings** > **Accessibility & convenience** > **Split View** and turn on **Swipe down with 2 fingers to split the screen**. Then you can enter Split View by swiping down with 2 fingers.

Make sure both apps support Split View.

ⓘ Only large foldable phones support this feature.

Common Split View actions

After turning on Split View on the main screen of a large foldable phone, you can swap their positions, resize the windows, or change the apps that are currently open.

How to use

In Split View:

- Drag the divider (— or |) to adjust the size of app windows. Tap the divider (— or |) and select **Swap sides** or **Save as app group**.
- Tap ••• in an app window and select **Expand** or **Shrink**, **Switch app**, **Full screen**, or **Close** to manage the app window.

- Bring up the Smart Sidebar to launch more apps via Floating Window.
- Pinch in with 4 or 5 fingers to enter Full view mode. Spread out your fingers to exit.

Only large foldable phones support this feature.

Using the task bar on the main screen

Enhance your productivity with the task bar on the main screen, which allows you to efficiently perform tasks like opening apps, checking recent files, switching between apps, and enabling Split View.

How to use

1. When in an app, swipe up slowly from the bottom to bring up the task bar.
   - Tap to view all apps. Tap to view recent files. Tap an app icon to switch to that app.
   - Drag an app out of the task bar to a desired position to open it in Split View. In the right-most section, where recent apps and suggested apps are displayed, tap an app or app group to quickly switch to that app or app group.
2. Tap any area in an app to hide the task bar.

- You can go to **Settings** > **Foldable features** > **Task bar** to turn on **Show task bar in apps** and set **Task bar style** to **Floating** or **Fixed to bottom**.
- Only book-style foldable phones support this feature.

Set main screen and cover screen wallpapers

You can set different wallpapers for the main screen and cover screen to make sure your phone looks good from every angle.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **All Flux themes**. Tap your preferred theme to enter the edit page.
2. Tap or at the top and select **Wallpapers** to set Home screen and Lock screen wallpapers for the main screen and cover screen.
3. When the setting is done, tap **Apply**.

Only book-style foldable phones support this feature.

Dual Windows

Dual Windows can split your screen into two halves to display different content of an app.

For example, the left screen shows app navigation and the right screen shows content details. If you tap a title on the left ,the right screen will display the content under it, making it easier to operate your phone.

How to use

1. Go to **Settings** > **Main screen** > **Dual Windows**.
2. Select the apps for which you want to enable Dual Windows.

Only book-style foldable phones support this feature.

Switching apps to the cover screen

When you are using a foldable phone, the Screen switching feature allows you to use an app on the cover screen after you fold your phone.

How to use

Go to **Settings** > **Screen switching** to personalize your screen switching after folding the phone. Choose from the three options:

- **Continue using**: Fold your phone and continue using it on the cover screen.
- **Swipe up to continue using**: Fold your phone and swipe up on the cover screen to continue using it, or wait 3 seconds for the screen to lock.
- **Turn screen off**: Your phone screen will turn off after you fold your phone.

Only book-style foldable phones support this feature.

Flip-style foldable phones

Setting an interactive pet wallpaper for the cover screen

The system provides multiple sets of pet wallpapers preloaded on your device. You can choose your favorite one and set it as a Home screen wallpaper for the cover screen. At different times, the pet will appear in different forms. You never know what your pet will be doing each time you turn on the screen.

How to use

1. Go to **Settings** > **Foldable features** > **Cover screen style** > **Interactive pets**.
2. Select your favorite pet wallpaper, set a text color, and then tap "Apply".

Only flip phones support this feature.

Quick reply on the cover screen

When it is inconvenient to take a call, tap **SMS reply** to choose a message to reply. You can also add replies or sort them.

How to use

1. Go to **Settings** > **Foldable features** > **Quick reply** and tap **Add reply**. Edit your quick reply and tap **Save** when you're done.
2. Touch and hold the quick reply content to move and reorder.

Only flip phones support this feature.

Viewing notification messages on the cover screen

How to use

Unlock the cover screen and swipe down to enter the notification drawer, where you can take any of the following actions:

- Swipe up and down to view multiple notification messages, or tap a single message and unfold your phone to view notification details.
- Swipe left to view cover screen widgets. Swipe right to go back to the previous page.
- Tap the close icon at the bottom of the notification drawer to clear all messages.

To turn off notifications for an app, go to **Settings** > **Notifications & status bar** and turn off the switch beside the app.

Only flip phones support this feature.

Subscribing to cover screen service widgets

By adding cover screen widgets, you can easily use the feature by taping the corresponding widget on the cover screen.

How to use

Go to **Settings** > **Foldable features** > **Cover screen widgets** to perform the following operations:

- Add a widget: Next to the app that you want to add, tap ⊕ to add a cover screen widget.
- Remove a widget: Next to the app that you want to delete, tap ⊖ to remove the app from the list.
- Adjust the position: Touch and hold the widget and drag it to change its position.

If you want to add more widgets to the cover screen, go to cover screen widget settings, tap **Supported apps**, and then tap ⊕ next to an app to add more widgets.

Only flip phones support this feature.

Open app in Split View

Entering Split View

The Split View feature allows you to split your screen so as to work with two apps simultaneously.

The two apps in Split View can run independently without affecting each other.

How to use

Entering Split View

- **Method 1: Entering Split View by swiping up with three fingers**

  1. Go to **Settings** > **Accessibility & convenience** > **Split View** and turn on **Swipe up with 3 fingers to enter Split View**.
  2. Open a supported app, such as Photos, and swipe up with three fingers.
  3. Open another supported app, such as Notes. The two opened apps are then displayed in Split View.

- **Method 2: Entering Split View from Smart Sidebar**

  1. Open a supported app, such as Photos.
  2. Find the floating bar from the side edge of the screen, swipe inward on it to expand it as the Smart Sidebar, and then drag and drop a supported app, such as Quick note, outside of the Smart Sidebar. The two opened apps are then displayed in Split View.

- **Method 3: Entering Split View from Recent tasks**

  1. When system navigation is set to Gestures, swipe up from the bottom of the screen and hold to open Recent tasks.
  2. Open a supported app in Recent tasks, such as Photos, tap ⋮ in the upper-right corner, and choose **Split View**.

3. Open another supported app, such as Notes. The two opened apps are then displayed in Split View.

Resize apps in Split View

- Drag the divider — up or down to shrink or expand one of the apps in Split View.
- At the top of one app, tap ••• and choose **Expand**. The app window will be maximized in Split View. If you then tap **Shrink**, the app window will revert to a normal size.

Swapping app positions in Split View

- Tap the divider — and choose **Swap sides**.
- At the top of one app, touch and hold ••• and drag it up or down.

Exiting Split View

- Drag the divider — to the top or bottom of your screen.
- At the top of one app, tap ••• and choose **Full screen** to display it in full screen and close the other app. Choose **Close app** to close the current app.

ⓘ Only certain apps support the Split View feature.

Opening a floating window in Split View

When your phone is in Split View, you can also open a floating window so that you can work with three apps simultaneously.

How to use

Expand the Smart Sidebar and tap an app that is supported by Floating Window. The app opens in a floating window.

Floating Window

Enabling Floating Window

Floating Window is a feature that allows you to open a supported app in a floating window and switch between apps freely.

This allows you to multitask efficiently in different windows, for example, replying to messages while playing games or watching videos.

How to use

Enabling Floating Window

You can turn on Floating Window in one of the following ways:

- If gesture navigation is enabled, swipe up from the bottom of the screen and hold to access recent tasks. Select the app that you want to display in a floating window, tap ⋮ > **Floating Window**.
- If gesture navigation is enabled, open the app that you want to run in a floating window, swipe up from the bottom to the top of the screen, and release your finger. The app will switch to floating window mode.
- Find the floating bar, a collapsed form of the Smart Sidebar, on the screen edge and swipe in from the bar's position to expand the Smart Sidebar. Tap a desired app in the Smart Sidebar, and the app will be displayed in floating window mode.

- After receiving a banner notification, pull down from its top to enter floating window mode.

Resizing a floating window

1. Drag the bottom left or right corner of a floating window to shrink or expand it. When you reduce it to the smallest possible size, it will become a mini window.
2. When an app is in a mini window, swipe up to close it, or tap to bring it back into a floating window.

Moving a floating window

After opening an app in a floating window, you can drag the top of the floating window to move it around.

Switching between Floating Window and Split View

1. When an app that supports Split View (such as **Notes**) is open in full screen, find the Smart Sidebar floating bar and swipe inwards on it to expand it.
2. Tap an app that supports Floating Window (such as **Photos**) from the Smart Sidebar. The app will be opened in a floating window.
3. Touch and hold the top of the floating window and drag it up or down to trigger Split View, and release to display the apps in Split View.

Switching a floating window to full screen

- When **Window control** is set to **Gestures**, swipe up quickly from the bottom of a floating window or tap ••• > **Full screen**

- When **Window control** is set to **Buttons**, tap the Full screen button in the upper-right corner of a floating window.

Hiding a floating window

- When **Window control** is set to **Gestures**, you can swipe horizontally at the bottom of a floating window, or tap ••• > **Minimize**, to hide it as a small bar on the edge of the screen.
- When **Window control** is set to **Buttons**, you can tap the minimize icon at the top of a floating window to hide it as a small bar on the edge of the screen.

Closing a floating window

- When **Window control** is set to **Gestures**, swipe up quickly from the bottom of the floating window or tap ••• > **Close** to close it.
- When **Window control** is set to **Buttons**, tap the close button at the top of the floating window to close it.

Setting up Floating Window

Go to **Settings** > **Accessibility & convenience** > **Floating Window** and do the following as needed to set Floating Window features:

- Tap **Window control** and choose **Gestures** or **Buttons**. Tap **Tutorial** to see how to interact with a floating window in different control modes.
- Turn on **Quick-hide window in game** so that a floating window will be hidden at the left or right screen edge when you tap outside of it while in a game.
- Turn on **Share via floating window** so that you can open the target app in a floating window when you share files or data.

Quickly swapping apps in a floating window and in full screen

Do you want to swap apps back and forth while watching videos and chatting? You can turn on the Swap apps feature to quickly swap apps in a floating window and in full screen, making it more convenient to view.

How to use

1. Go to **Settings** > **Accessibility & convenience** > **Flexible windows**, and turn on **Swap apps**.
2. When one app is displayed in a floating window and another app is displayed in full screen:
   - Tap ••• at the top of the floating window and select **Swap apps .**
   - Drag the edge of the floating window to the minimum size to turn it into a mini window. Double-tap the floating window to swap apps.

Adjusting the transparency of floating windows

When an app is opened in a floating window, you can adjust the transparency of the floating window to view content unblocked.

How to use

1. Go to **Settings** > **Accessibility & convenience** > **Flexible windows**, and turn on **Adjustable transparency**.

2. When an app is opened in a floating window, tap ••• > **Adjustable transparency** and drag the slider to adjust the transparency of the floating window.

Sharing images or files using a floating window

The Floating Window feature allows you to open multiple floating windows so you can multitask and quickly share images or files, giving you a more efficient experience.

How to use

1. When you are in a chat, find the floating bar on the screen edge and swipe in on it to expand it as the Smart Sidebar.
2. In the Smart Sidebar, tap **Photos**. The **Photos** app opens in a floating window.
3. Touch and hold the image you want to share until it floats, drag it to the chat window, and release your finger to send it to the chat.

In addition to sharing photos by drag-and-drop, you can drag files or notes from the My Files or Notes app to a floating window for sharing.

Opening apps in floating windows during gameplay

Need to sign in, share, or pay during gameplay? Turn on "Redirect via floating window" to open the required app in a floating window, so you can stay in the game without interruption.

How to use

Go to **Settings** > **Accessibility & convenience** > **Floating Window** and make sure **Redirect via floating window** has been turned on. Tap **Supported games** to view all games supported by this feature.

File Dock

Dragging files and images to the File Dock

You can drag text, images, and files from apps and drop them to the File Dock for temporary storage. Then, you can drag such content from the File Dock to Notes or Mail for editing, or to apps like My Files and Photos for permanent storage. You can also drag and drop the content to Instagram, WhatsApp, and other messaging apps to send it to your contacts.

How to use

1. Go to **Settings** > **Accessibility & convenience** and perform the following actions:
   - Tap **Drag & drop**, turn on **Drag & drop**, and turn on the switch for the app you want to use this feature for.
   - Tap **Smart Sidebar** > **File Dock** and turn on File Dock.
2. Touch and hold target content, such as text, an image, or a file, until it floats, and then drag and drop the content to the File Dock floating window.
3. Open an app of your choice. Find the floating bar on the screen edge and swipe in on it to expand it as the Smart Sidebar. Then tap **File Dock** and drag the content from the File Dock and drop it to the app you opened to edit, save, or share the content.

Smart Sidebar

Turn on Smart Sidebar

Smart Sidebar is a convenient tool that allows you to perform quick actions in various scenarios. You can open it by swiping inward from the side of the screen, and access apps or tools from any screen.

How to use

1. Go to **Settings** > **Accessibility & convenience** > **Smart Sidebar**, then turn on **Smart Sidebar**.
2. Locate the floating bar for the Smart Sidebar on the screen. Swipe inward to expand the Smart Sidebar, then select the app or tool you wish to use.
3. By swiping up and tapping **Edit** in the sidebar, you can drag the bottom-left/right corner of the sidebar to switch between single-column and double-column layouts.

Adjust the floating bar position and transparency of Smart Sidebar

When **Smart Sidebar** is turned on, you can adjust the position and transparency of its floating bar.

How to use

Go to **Settings** > **Accessibility & convenience** > **Smart Sidebar** > **Floating bar** to adjust its size, transparency, and position.

Edit and customize Smart Sidebar

Smart Sidebar shows Screenshot, Screen recording, Screen translate, AI VoiceScribe, and other tools by default. You can edit and rearrange them to meet your own needs.

How to use

1. Find the floating bar at the edge of the screen and swipe inward on it to open Smart Sidebar.
2. Tap **Edit**, then tap + or - on app icons to add or remove apps.

Livestream Assistant

Photography

Take a photo

Taking photos

How to use

1. Open the Camera app.
2. You can use the following features:
   - Lock the focus and exposure: Simply touch and hold the subject to lock the focus and exposure.

- Adjust exposure: Touch the screen and swipe up or down. The brightness indicator next to the focus frame will change as you move your finger.
- Zoom in or out: Touch the screen with two fingers and pinch out to zoom in, or pinch in to zoom out. Alternatively, touch and hold 1× to expand the zoom bar and slide it to zoom in or out.
- Select a camera mode: Slide left or right on Modes bar at the bottom to choose a camera mode.
- Turn the flash on or off: Tap the flash icon on the screen, and you can choose to set it to **Off**, **On**, **Auto**, or **Fill light**. In Auto mode, the camera will automatically use the flash based on ambient light conditions. In Fill light mode, the flash will be kept on to improve the lighting.

3. Tap the shutter button to take a photo.

Taking photos in Portrait mode

Portrait mode helps you take more awesome and professional-looking portrait photos.

How to use

1. Go to **Camera** > **Portrait**.
2. After entering **Portrait** mode, in which the background blur function is turned on automatically, you can:
   - Tap **Retouch** to adjust the retouching intensity to your liking.

- Tap **Filters** to select a filter you like.
- Tap **Soft light** to select a light effect you like.

This feature may vary by model and version.

Taking photos in XPAN mode

XPAN mode adopts the classic 65:24 ratio of Hasselblad XPAN camera, with black and white tone and colored tone. It recreates the retro film feel of Hasselblad, helping you record your stories with photos.

How to use

Go to **Camera** > **MORE**, and select "XPAN" mode.

This feature only works on specific models.

Taking videos

How to use

1. Go to **Camera** > **VIDEO**.
2. Tap the shutter button to start shooting.
3. Tap ⏸ to pause recording; tap ▷ to resume, and tap the shutter button to stop recording.

By default, videos are recorded at 1080p, 30 fps. Tap ⋮ > ⚙ to choose from the other frame rates and resolutions. Higher frame rates and resolutions result in larger video files.

You can tap to take a photo while recording. This will not interrupt the video recording.

Ultra Steady

Ultra Steady combines algorithms and optical image stabilization to help you shoot stable videos with ease. With Ultra Steady turned on, you can easily shoot smooth and clear videos whether you are playing with your kids, cycling through the city, or doing extreme sports in the wilderness.

How to use

Go to **Camera** > **VIDEO** and tap in the upper-left corner.

This feature only works on specific models.

Shooting night photos

You can use the Night mode when the ambient light is low. In the Night mode, the camera takes several shots at different exposures in quick succession and uses an algorithm to merge multiple frames to produce a photo with vivid details.

How to use

1. Go to **Camera** > **NIGHT**.
2. Tap the shutter button or in the upper-left corner to turn on Tripod mode to shoot. In Tripod mode, the quality of the photos you take will significantly increase.

Shooting long exposure photos

Long exposure mode simulates the effect of a photo taken with slower shutter effect. Long exposure is great for tracking moving subjects such as night traffic, runners, and flowing water.

There are different long exposure templates for different scenarios.

- Traffic: Capture the bright, moving lights of vehicles at night.
- Moving clouds and flowing water: Make waterfalls and other flowing water scenes look like beautiful oil paintings.
- Light painting: Track glowing objects as they move in low light.

How to use

1. Go to **Camera** > **MORE**, and select **LONG EXPOSURE**.
2. Tap the templates icon in the lower-left corner and choose the right template for the scenario.
3. Tap the shutter button to take a photo.

This feature only works on specific models.

Turning on Pro mode

When shooting photos in Pro mode, you are able to adjust settings such as ISO, shutter speed, and focus modes.

How to use

1. Go to **Camera** > **MORE** and select **PRO**.

2. In **PRO** mode, you can adjust the following settings:

- ISO sensitivity: Tap **ISO** and slide the bar to adjust the sensitivity.

Increase the ISO sensitivity in low-light conditions and decrease it in brighter lighting to prevent excessive noise in the photo.

- Shutter speed: Tap **Shutter** and slide the bar to adjust the shutter speed.

Shutter speed can affect the amount of light captured by the camera. Use lower shutter speed when capturing still scenery and portraits; use higher speed when capturing moving scenes or figures.

- Exposure compensation: Tap **EV** and slide the bar to adjust the EV.

  Increase the EV in low light; lower it in bright light.

- Focal distance: Tap **Focus (Auto/Manual focus)** and slide the bar to adjust the focus distance manually.

- Color tone: Tap **WB (white balance)** and slide the bar the adjust the white balance.

- File format: Pro mode offers a variety of image file formats. Tap **JPG** at the top of the screen.

  - The photos will take up less storage if you choose the JPG format.

  - If you choose the RAW format, the phone will automatically save your photos in both JPG and DNG formats. Although the DNG format preserves more details for post-processing, it requires more storage space.

- If you select RAW+, your phone will automatically only save your photos in DNG format. Therefore, you need to make a decision based on your needs.

This feature only works on specific models.

Taking motion photos

You can take motion photos, which allows you to capture a short video clip that makes your photos come to life.

How to use

1. Open the **Camera** app.
2. Tap the icon near the top of the screen to turn on the motion photos feature.
3. Tap the shutter button to take a motion photos.

This feature only works on specific models.

Editing photos and videos with Sticker

Sticker is a collection of intriguing and amusing face stickers and face retouching filters that can be applied to any photo or video you take.

How to use

1. Go to **Camera** > **MORE** and select **STICKER**.
2. Tap on the left side to choose a sticker. Tap **Face retouching** to retouch the photo. Tap **Filter** to choose from various filter styles.

Taking a panoramic photo

Panorama mode provides a super-wide view, allowing you to take wide-angle photos with room for anything and everything you want to fit in.

How to use

1. Go to **Camera** > **MORE** and select **PANO**.
2. An arrow and a horizontal line will appear in the middle of the screen to guide you. You can tap the arrow to switch directions.
3. Tap the shutter button to start and slowly move the camera in the direction of the arrow. Try to keep the arrow on the line. When you are done, tap the shutter button again.
4. Once you have moved the camera as far as Panorama mode allows, the photo will be taken automatically. Alternatively, you can also tap the shutter button at any point to finish.

• To capture high-rise buildings, you can rotate the phone to landscape orientation and slowly angle it upwards.

• Move the camera slowly to let it focus and capture a sharp and clear photo that captures all the details. This way the photo won't be blurry.

• When taking a panoramic photo, try to keep your movements as steady as possible.

Shooting videos in Movie mode

Movie mode provides more control over video shooting, allowing you to create videos with your own style.

How to use

1. Go to **Camera** > **MORE**, and select **MOVIE**. The 21:9 movie aspect ratio in landscape mode is set by default.
2. You can turn on the flashlight and stabilization (EIS), or activate the grid on the left side.
3. You can expand the following professional parameters for adjustment on the right side:

- EV: Exposure compensation
- WB: White balance
- S: Shutter speed
- ISO: ISO sensitivity
- AF: Focus mode
- The buttons at the bottom of the screen allow zooming between 0.6x ultra wide-angle, 1x wide-angle, and, on some models, 3x telephoto lenses.

Ultra Night Video, HDR Video, and Ultra Steady functions are not available in Movie mode.

This feature only works on specific models.

Double the fun with Dual-view videos

Dual-view refers to using the phone's front and back cameras simultaneously to record videos. Use the Dual-view mode to make video-filming more interesting.

How to use

1. Go to **Camera** > **MORE** and select **DUAL-VIEW VIDEO**.
2. Tap and choose one from the three screen layout options: Split (top/bottom), Rectangle (PiP view), or Bubble (PiP view). You can drag the bubble or rectangle anywhere on the screen.
3. To swap the two views, double-tap anywhere in a view or tap the switch button in the lower-right corner.
4. To enable retouching for the front camera, tap the retouching button in the lower-right corner.

Taking time-lapse videos

Time-lapse photography allows you to condense changes over a period of time into short videos. When you see blooming flowers or moving clouds, that's a perfect opportunity to take a time-lapse.

How to use

1. Go to **Camera** > **MORE**, and then select the **TIME-LAPSE** mode.
2. Position your phone where you wish to take a video. To minimize shaking, use a tripod.

3. Tap the shutter button to start filming. Tap the shutter button again to stop.

Shooting Slo-mo videos

You can use Slo-mo mode to capture all sorts of moments, such as snowflakes or water droplets falling and people running, hitting balls, and diving. Use Slo-mo mode to slow down your video clip and capture fleeting moments in detail.

How to use

1. Go to **Camera** > **MORE** and select **SLO-MO**.
2. Tap the Frame rate button on the top to choose the frame rate that best suits your needs, and then tap the shutter button to start shooting.
3. Tap ⏸ to pause recording, tap ▷ to resume, and tap the shutter button to finish.

Camera settings

You can adjust basic camera settings, such as aspect ratio, timer, and flash, in the Camera interface. There are also more advanced settings that allow you to take photos and videos better.

How to use

In **Camera**, tap ☰ in the upper-right corner, and then tap ⚙ to access more options.

- Watermark: You can create a customized watermark.

- Grid and guides: Camera offers grid, diagonal, and golden spiral lines to help you compose your photo.
- Shutter sound: Capture every photo with a satisfying sound.
- Mirror selfie: Mirror the selfie to make it an accurate depiction of the real you.
- Record location: Add location information to your photos and videos as they are taken.
- Shooting methods: Touch to shoot or use a gesture.
- Volume button action: You can set different functions for the volume keys, such as shutter or zoom.

This feature may vary by model and version.

Editing images and videos

Adding a watermark to your photos

You can make your photos look more classy by adding a watermark to it.

Photos now features a variety of watermarks and customizations. You can turn your watermark into a unique logo by customizing the frame, layout, and text. A unique and characteristic photo will be ready in just a few taps!

How to use

Go to **Photos**, open the still photo or motion photo you wish to edit and tap **Edit** > **Watermark** to perform the following operations:

1. Tap **Frame** or **Text** and choose a frame you like.

2. Tap on the frame to customize the image, text, background color, and layout for your watermark.
3. When you finish the customization, tap **Save** > **Done** > **Save**.

Identify and blur private information on photos

When you share a conversation screenshot, you can use auto pixelation to hide profile pictures and names, keeping your private information safe.

How to use

1. Open the photo you want to blur in Photos. Tap > **Pixelate** to select a pattern for manual pixelation or tap **Auto** for auto pixelation.
2. Tap **Done** > **Save**.

Editing a photo

You can make simple edits to photos such as adjusting their brightness, contrast, or saturation. You can also mark up photos with drawings, text, and stickers, or pixelate parts of them. Additionally, you can retouch photos, copy the style from one photo to another, restore old photos, and more.

How to use

1. In **Photos**, open the image you wish to edit and tap **Edit**. Then you can follow the on-screen prompts.
2. To stop editing, tap **Done** > **Save**, then choose **Replace file** or **Save copy**.

Reverting photo edits or editing photos again

After editing and saving a photo, you can restore it to its original state, or edit it again based on the previous editing settings.

How to use

Open the **Photos** app, tap an edited photo to open it in full screen, then you can:

- Select **Edit** > **Revert** > **Revert** to undo all changes and revert the photo to its original state.
- Tap **Edit** to use the Live, Crop, Adjust, Filters, and Watermark editing tools and pick up where you left off.

Correcting image distortion

Taking photos from certain angles can lead to distortion. For example, buildings may appear narrower at the top and wider at the base. You can correct these distortions using the photo editing tool.

How to use

1. In **Photos**, tap a photo to view it in full screen, then tap **Edit** > **Crop**.
2. To correct alignment, tap **Vertical** or **Horizontal**, then drag the ruler scale below to make corrections.
3. When you finish the corrections, tap **Done** > **Save** .

Editing motion photos

You can make simple edits to motion photos you have taken, such as changing the cover, trimming, cropping and rotating, adding a filter, and adjusting brightness, contrast, or saturation.

How to use

1. Go to **Photos**, open a motion photos, and tap **Edit**. You can use features such as **Crop**, **Adjust**, and **Filter** to make simple edits to the motion photos while keeping the motion photos effect.

2. You can also tap and do any of the following:

   - Trim the motion photos: Drag the slider at the beginning or end of the motion photo trim slider to select the segment you want to playback as a motion photo.
   - Set the cover photo: Drag the slider to select a frame you like, tap **Set as cover**, and then tap **Done**.
   - Turn off the live effect: Tap **Turn off Livephoto** to turn the motion photos into a still photo.
   - Mute the motion photos: Tap **Mute** to turn off the sound for the motion photos.
   - Export a frame as a high-resolution image: Drag the slider to select a frame you like, and then tap **Export as photo**.

This feature only works on specific models.

Converting a motion photo into a GIF

When you capture great moments using the motion photos feature, you can turn them into fun GIF stickers or videos, and then share them with others or save them for yourself.

How to use

1. Go to **Photos**, open a motion photo, and tap **More** > **Save as GIF** in the lower-right corner to enter the GIF editing page.
2. You can add or delete photos, set ratio, and adjust playback speed or direction on the editing page.
3. Tap **Save** in the lower-right corner and select image quality.

You can also tap **More** > **Save as video** to convert the motion photo into a video.

Cutting out the subject of a photo

The cutting out part of a photo feature can accurately identify the subject of a photo (a person, a pet, a still object, an ID, etc.), so you can quickly copy, save, or share it.

How to use

1. Open **Photos** and tap the photo in which you wish to cut out the subject. Touch and hold the subject for the system to scan the photo, identify the subject, and extract it.
2. After the scan is complete, lift your finger and tap **Copy**, **Save**, and **Share** to copy, save, and share the subject.

Turning a photo into a sticker

In the Photos app, you can turn the subject in a photo into a sticker and use it to decorate other photos.

How to use

1. Open **Photos** and tap the photo containing the subject you want to make a sticker of. Touch and hold the subject for the system to scan the photo, identify the subject, and extract it.
2. After the scan is complete, release your finger and tap **Add sticker** to save it as a sticker.
3. To decorate a photo, open a photo, tap **Edit** > **Stickers**, and put a sticker you've created on your photos wherever you like. You can resize or rotate the sticker as needed.

Editing videos

You can use the video editing features available in Photos to trim or rotate a video. You can also add text, watermarks, filters, themes, music, or special effects to the video to make it more fun.

How to use

In **Photos**, open the video you wish to edit and tap , and then follow the instructions on the screen:

- Tap **Trim** to cut the video by dragging the sliders at either end of the frame viewer.

- Tap **Crop & rotate** to select an aspect ratio or rotate the video.
- Tap **Theme** to select a theme.

Convert photos into documents with Text Scanner

Have you ever taken photos of presentation slides only to find the text too blurry to read? Text Scanner is here to help. This mode intelligently enhances your photos for optimal readability, unblurring images and removing glares with a single tap. You can even convert them into Microsoft Office documents for free.

How to use

1. Go to **Camera**, swipe left to select **Text Scanner**, or tap **More** > **Text Scanner** to take photos of presentation slides or documents.
2. After taking the photos, tap the thumbnail in the lower-left corner to view them in the Photos app, then swipe up on the image and tap **Scan document** in the lower-right corner for actions such as **AI Enhance**, **Unblur**, **Remove glare**, and **Remove texture**.
3. Once you are satisfied with the enhancements, tap **Export** in the lower-right corner to save your photos in formats such as PDF, PowerPoint, or Word.

Photos

Browse photos and videos

How to use

1. Go to **Photos** > **Photos** to view all photos, videos, and screenshots.

2. In the upper-right corner of the screen, tap ⋮ > **Settings** > **View** to select a photo view between **Immersive** and **Days**.

Finding photos quickly

You can search for photos by keywords in Photos. In the Photos search box, type when or place where a photo is taken, text, scenes, names, or other elements included in the photo, or other information related to the photo to find it quickly.

How to use

In the **Photos** app, enter keywords such as the time or the place of a photo in the search box at the top to find the photo quickly.

Memories

This feature organizes photos based on events, time, and people to create wonderful albums and videos, so you can relive the beautiful moments.

How to use

1. Go to **Photos** > **Albums** and scroll down to find Memories.
2. In a memory album, tap the play button to automatically start playing a video created from the photos in the album.
3. On the playback page, tap ✎ in the upper-right corner to edit the video. You can modify the theme, change the music, add a title, or adjust its length.

Setting images as wallpapers and profile pictures

How to use

In the **Photos** app, select an image that you want to use and then tap ⋮ in the lower-right corner, select **Set as wallpaper** or **Set as contact avatar**, and follow the prompts to complete.

When setting a wallpaper, you can also tap to create an inventive wallpaper.

Sharing photos and videos

How to use

In **Photos**, tap a photo or video, or touch and hold to select multiple photos and videos you wish to share, and tap in the lower-right corner. Select a method for sharing and follow the prompts to complete.

You can also set to erase the location information and other properties when sharing a photo or video to protect your privacy.

In **Photos**, tap ⋮ > **Settings** > **Privacy protection** in the upper-right corner, and turn on **Remove location** and **Remove other properties**.

Album

Organizing your photos and videos into albums

Your phone can automatically organize your photos and videos by source, type, or other attributes, making it easier to find and manage them.

Smart photo albums

The phone uses an algorithm to classify photos into albums. Some of the automatically generated albums include People, Places, Scenery, and Food.

How to use

Go to **Photos** > **Albums** > **Smart categories**.

Create an album

You can categorize your photos and videos according to your own preference. For example, you can create a "My favorite" album to save your favorite photos or videos.

How to use

1. Go to **Photos** > **Albums**, tap ＋ in the lower-right corner, enter an album name, and save it.
2. Select the photos or videos you want to add to the album, tap **Add** in the lower-right corner, and choose either **Move** or **Copy**.

To add additional photos or videos to the album, select them in the Photos app, tap ⋮, and select **Move to album** or **Copy to album**.

Adding photos and videos to the Private album

You can save private photos and videos to the Private album to avoid accidentally showing them to another person.

Files saved in the Private album do not appear in Photos or when you select photos or videos for sharing.

How to use

In **Photos**, tap a photo or touch and hold to select multiple photos that you want to hide, and go to ⋮ > **Set as private** at the bottom.

View photos and videos in the Locked album

You can view locked photos and videos in any of the following ways:

How to use

- In the **Photos** app, touch and hold **Photos** or **Albums** at the bottom until a pop-up appears, asking you to enter your privacy password. Enter the password to view locked photos and videos.
- In the **Photos** app, tap ⋮ > **Settings** and turn on **Show Locked album**. Once it is turned on, you'll see the **Locked** option at the bottom of the **Albums** screen in the Photos app. Tap it and enter your privacy password to view locked photos and videos.
- Go to **Settings** > **Security & privacy** > **Private Safe** and tap **Images and videos** to view locked photos and videos.

Restoring deleted photos and videos

Your phone keeps deleted photos and videos for 30 days after they are deleted.

How to use

Go to **Photos** > **Albums** > **Recently deleted**, touch and hold to select photos that you want to keep on the device, and tap **Restore**.

Enjoy seamless gaming

Game Assistant

Game Assistant

Game Assistant is an app that enhances game performance and your gaming experience. It offers game acceleration, filters, a voice changer, and other gaming-related features. You can also use Game Assistant for:

- Checking network latency, frame rate, battery level, and more.
- Turning on or off Silent mode, blocking notifications, taking screenshots, recording phone screen, rejecting incoming calls, and more.

How to use

1. Go to **Game Center** > **Me** > ⋮ > **Settings** > **Game Assistant** to ensure **Game Assistant** is turned on.
2. Start a game and swipe right from the upper left of the screen to call up Game Assistant.

This feature may vary by model and version.

Performance

Game performance modes

Game Assistant offers three performance modes.

- Power saving mode: Reduces performance and graphic quality to lower power consumption and extend battery life. Recommended when your battery is low.
- Balanced mode: Strikes a balance between performance and power efficiency, ideal for most casual games.
- Pro Gamer mode: Boosts frame rate and touch response for a smoother gaming experience, best for MOBA and MMO games. This mode will consume more power.

How to use

Start a game, swipe right from the upper left of the screen to call up Game Assistant, tap **Performance**, and select the desired game performance mode.

Turning on HyperRendering

In Game Assistant, you can turn on **Hyper Frame**, **Hyper HDR**, and **Ultra-high resolution** for smoother, clearer, and more vibrant game visuals.

How to use

Start a game, swipe right from the upper left of the screen to call up Game Assistant, and tap **Performance**. Then, turn on Hyper Frame, Hyper HDR, and High resolution as desired while in Balanced or Pro Gamer mode.

This feature may vary by model and version.

Touch response

Touch optimization in games

You can customize your phone's touch sensitivity and swipe sensitivity for a better gaming experience.

How to use

1. Start a game, swipe right from the upper left of the screen to call up Game Assistant, and choose **Performance** > **My gaming performance** > **Touch response**. You can:
   - Turn on Hyper Response Engine to enhance the touch response speed, helping you aim at targets and release skills more precisely in games.
   - Adjust the touch sensitivity and swipe sensitivity settings by dragging the control slider left or right.
   - Set Touch response to Standard or Ultra.

Network settings

Smart dual-channel network

You can boost connectivity with the mobile network when the Wi-Fi connection is weak. You can turn on Smart dual-channel network to reduce the Wi-Fi network's latency with the mobile network.

How to use

Start a game, swipe right from the upper left of the screen to bring up Game Assistant, choose **Tools** > **Network optimization** > **Network enhancement**, and then turn on **Smart dual-channel network**.

Selecting a SIM for use while gaming

When you are playing games with two SIM cards in your phone, network latency may become higher. You can disable a SIM when gaming to improve internet connection stability.

How to use

Start a game, swipe right from the upper left of the screen to call up Game Assistant, choose **Tools** > **Network optimization** > **Network enhancement**, and then select the SIM you want to use.

When this feature is turned on, the other SIM will not be able to make or receive calls.

Focus settings

Game focus mode

Once this feature is turned on, it will block alarms, notifications, and incoming calls and disable the notification bar, navigation gestures, virtual buttons, and Game Assistant to provide you with an exclusive tournament atmosphere and a more focused gaming experience.

How to use

1. Start a game, swipe right from the upper left of the screen to call up Game Assistant, and then tap **Tools** > **Game focus mode**.
2. To exit **Game focus mode**, rotate your phone horizontally and swipe inward from the upper left corner.

This feature only works with certain mobile phones and games. Please refer to the actual display on your phone.

Tools

Bullet notifications in games

The Bullet Notifications feature displays WeChat, QQ, and SMS messages as bullet comments in games, so you won't miss any important information.

How to use

1. Start a game, swipe right from the upper left of the screen to call up Game Assistant, tap **Tools** > **Bullet notifications**, and then turn on **Bullet notifications**.
2. Tap **Icon notifications** or **Bullet notifications**.
   - In **Icon notifications**, when a message arrives, the app will display an icon in the UI, which you can tap for a quick reply.
   - In **Bullet notifications**, when a message arrives, the app will present it to you in the form of a bullet comment.
3. You can customize the bullet speed, opacity, the amount of bullet comments displayed, as well as the backdrop.

Quick startup

Quick startup allows you to start a game without waiting for the loading process. When Quick startup is turned on, the game will be cached in the background. Next time you start the game, you will be able to enter it much faster.

How to use

Start a game, swipe right from the upper left of the screen to call up Game Assistant, and then tap **Tools** > **Quick startup** to turn on this feature.

Start a game, swipe right from the upper left of the screen to call up Game Assistant, and then tap **Quick startup** to turn on this feature.

Quick startup only cache a game in the local background. The game remains offline until you start it and connect it to the internet.

Using screenshots and screen recording in games

To capture the best moments when gaming, you can use **Screenshot** or **Screen recording** in Game Assistant.

How to use

Start a game, swipe right from the upper left of the screen to call up Game Assistant, and then tap **Tools Screenshot** or **Screen recording**.

Start a game, swipe right from the upper left of the screen to call up Game Assistant, and then tap **Screenshot** or **Screen recording**.

Turning on Mistouch prevention in games

When you play games in landscape mode, you may accidentally trigger system gestures like 3-Finger Screenshot in the heat of battle. Turn on Mistouch prevention in games to disable certain gestures based on your habits so that you won't be disrupted by a mistouch at a crucial moment.

How to use

1. Start a game, swipe right from the upper left of the screen to call up Game Assistant. Tap **Tools** > **Touch optimization** to turn on **Mistouch prevention**.
2. Choose which gestures to disable based on your habits.

4D Vibration

4D Vibration can provide more comprehensive and subtle vibration effects in certain gaming scenarios. The percussive effects provided by 4D Vibration add a sense of rhythm and atmosphere to your battles.

How to use

Start a game, swipe right from the upper left of the screen to call up Game Assistant, tap **Tools** > **4D Vibration**, and turn on **4D Vibration**. You can tap **Settings** to customize vibration effects.

Start a game, swipe right from the upper left of the screen to call up Game Assistant, tap **4D Vibration**, and then turn it on. You can adjust vibration settings as needed.

This feature only works on specific models.

Game filters

Game filters provide various visual styles and offer a richer gaming experience. In addition, certain filters may help you detect hidden enemies more easily, giving you a slight edge in battle.

How to use

Start a game, swipe right from the upper left of the screen to call up Game Assistant, tap **Tools** > **Game filters**, and then select your favorite filter. This feature will be automatically turned off when you exit the game.

Start a game, swipe right from the upper left of the screen to call up Game Assistant, tap **Game filters**, and then select your favorite filter. This feature will be automatically turned off when you exit the game.

Listening to music while gaming

When you are playing a game, you can play your own music or adjust the music player volume without interrupting the gameplay with Game Assistant.

How to use

1. While a song is being played in the background, you can bring up **Game Assistant** by swiping in from the upper left screen in a game, then switch between songs, pause, or play music right in the music player module.

2. Tap to adjust the music volume.

Using Voice changer to make yourself different

When you make voice calls while gaming, you can use Voice changer to make you sound like a cute girl, an electric voice, a cartoon character, or a celebrity.

How to use

1. While playing a game, swipe right from the upper left of the screen to call up Game Assistant, and then tap **Tools** > **Voice changer**. You can choose any available voices you like.
2. Select and save your favorite sounds, so you can sound like them in game voice calls.
3. The effect will disappear when you exit the game.

This feature only works with certain mobile phones and games. Please refer to the actual display on your phone.

Locking screen rotation in games

Even though you have turned off Auto-rotation, some apps will still rotate the screen to the horizontal or vertical mode. When playing games, you can use Game Assistant to lock the screen rotation to keep you from being interfered.

How to use

Start a game, swipe right from the upper left of the screen to call up Game Assistant, and then tap **Tools** > **Orientation lock**.

Start a game, swipe right from the upper left of the screen to call up Game Assistant, and then tap **Orientation lock**.

Constant brightness in games

Screen brightness has a direct impact on gaming performance. To prevent auto brightness from interfering with your game experience, you can lock screen brightness while gaming.

How to use

1. Start a game, swipe right from the upper left of the screen to call up Game Assistant, tap **Tools** > **Brightness**, and then slide left or right to adjust the brightness.
2. Tap the Brightness lock icon to lock or unlock brightness.

Reply to messages from a floating window in games

When gaming, you can reply to time-sensitive messages from a floating window without exiting the game.

How to use

1. Start a game, swipe right from the upper left of the screen to call up Game Assistant, and then tap **Tools**.
2. Tap a messaging app (such as QQ, WeChat, or SMS) to start chatting via a floating window.
3. Hold and drag the upper center of the floating window to change its position.

This feature may vary by model and version.

Multi-device connection

Multi-Screen Connect

Work across your phone and tablet

Work across your phone and tablet

Connect your phone to a tablet via Multi-Screen Connect to use any of the following features:

- **Screen mirroring**: Mirror your phone's screen on the tablet to view files and use your phone from your tablet.
- File transfer: Transfer files by dragging between your phone and tablet.
- **App relay**: When you use an app on your phone, you can easily switch to your tablet and pick up where you left off.
- **Sync clipboards:** Your phone and tablet share the clipboard, and content you copy on one device can be pasted directly to another device.
- **Photo transfer:** Photos, videos, screenshots, and screen recordings taken on your phone can be saved to the tablet in real time.
- **Sync notifications:** Notifications received on your phone can be synced to your tablet, and you can reply directly from your tablet.
- **Cross-device calls**: Make and receive voice calls on your tablet, and switch audio output between your tablet and phone.

How to use

1. Make sure Bluetooth and Wi-Fi are enabled on both your phone and tablet.
2. On your phone, go to **Settings** > **Device Connect** > **Tablet** and tap **Add new device**. Select the device you want to connect to.

- This feature may vary by device model and software version.
- To connect automatically when your phone and tablet are within range and signed into the same account, go to **Settings** > **Device Connect** > **Tablet** and turn on **Auto connect**.

Transfer files between your phone and tablet

When your phone and tablet are connected via Multi-Screen Connect and Screen mirroring is turned on, you can easily transfer files between both devices.

How to use

- **Transfer from your phone to your tablet**: On the cross-device collaboration window on your tablet, select the file you need to send, touch and hold it until the Drag icon appears on the screen, and drag it directly out of the phone window.
- **Transfer from your tablet to your phone**: In the Photos app or any folder on your tablet, select the file you need to send, touch and hold it until the Drag icon appears on the screen, and drag it directly into the phone window.

You can view received files in **My Files** > **Multi-Screen Connect** on your phone or tablet.

Sync clipboard between your phone and tablet

When your phone and tablet are connected via Multi-Screen Connect, you can copy, cut, and paste text between the phone and tablet as if you're using one device.

How to use

1. Connect your phone and tablet through Multi-Screen Connect.
2. Go to **Settings** > **Device Connect** > **Tablet/Phone** respectively on your phone and tablet. Make sure **Sync clipboards** is turned on.

Sync photos or screenshots to a tablet

After your phone and tablet are connected via Multi-Screen Connect, when you use your phone to take photos, videos, screenshots, or screen recordings, they will be synchronously saved to your tablet, so you don't need to share them manually.

How to use

1. Connect your phone and tablet via Multi-Screen Connect.
2. On both devices, go to **Settings** > **Device Connect** > **Tablet/Phone**, tap **Manage files across devices**, and turn on **Sync media**.
3. Use your phone to take a photo, video, screenshot, or screen recording.
4. You will receive a notification message on your tablet. Tap the message, then tap **Save**.
5. Go to the Photos app on your tablet to view the photo or video you just saved.

Relay apps between your phone and tablet

When your phone and tablet are connected via Multi-Screen Connect, you can relay an app from your phone to your tablet and seamlessly continue using it on your tablet. Suppose you are watching a TV series on your phone while you are on your way home. After you arrive at home, you can continue watching it on your tablet.

How to use

1. Connect your phone and tablet via Multi-Screen Connect, ensuring you are logged in on both devices with the same account.
2. On both devices, go to **Settings** > **Device Connect** > **Tablet/Phone** > **App relay** and make sure **App relay** is turned on.
3. While using the app that you need to relay from your phone, switch to your tablet and tap the app on the toolbar at the bottom of the home screen to continue using it.

Share your phone's mobile connection with a tablet

When your phone and tablet are connected, you can share your phone's mobile data with your tablet.

How to use

1. Connect your phone and tablet via Multi-Screen Connect, ensuring that you are logged in on both devices with the same account.
2. On both devices, go to **Settings** > **Device Connect** > **Tablet/Phone** > **Communication sharing** and turn on **Mobile data sharing**, **Call sharing**, **SMS sharing**, and **Positioning enhancement**.

Then, you can make calls, send text messages, and surf the internet directly on your tablet using your phone's mobile data.

Work seamlessly across your phone and your PC

Work seamlessly across your phone and your PC

You can share files seamlessly across your phone and PC.

- **Cross-device file management:** Move and delete files from your phone directly on your PC, or edit files. Any changes you save will automatically sync back to your phone. Transfer files between your phone and PC by importing, dragging and dropping, or copying and pasting. You can use the copy and paste or drag and drop method to transfer files to a third-party app on your PC.
- **Sync notifications :** You can view phone notification messages on your PC.
- **Sync notes:** Quickly take notes or create a to-do on your PC and save them to your phone in real time.
- **Screencast**: Mirror your phone's screen on your PC, or mirror phone apps on your PC to control your phone from your PC.
- **Remote PC control**: Access and control your PC from your phone when you are away from your desk.

How to use

Method 1: Auto connect

1. On your PC, visit https://connect.oppo.com, then download and install the **O+ Connect** app.
2. Open the **O+ Connect** app and sign in to the same account as your phone.
3. When the phone and PC are connected to the same Wi-Fi network, the two devices will be automatically connected.

Method 2: Scan QR code to connect

1. On your PC, visit https://connect.oppo.com to download and install the **O+ Connect** app. Open the **O+ Connect** app:
   - If you are not signed in, tap **Manually connect**.
   - If you are signed in, tap **Add new device**.
2. Make sure your phone and PC are connected to the same Wi-Fi network, then follow the on-screen instructions to scan the QR code and connect.

This feature requires macOS 10.10 or Windows 10 and above.

Manage phone files from your PC

You can easily access, manage, and edit files on your phone from your PC without downloading them. Any changes you save will automatically sync back to your phone.

How to use

1. Connect your phone and PC with Multi-Screen Connect.
2. On your PC, open the **O+ Connect** app, then tap **My Files** to files on your mobile device and do any of the following:
   - Double-tap a file to open and edit it.

- Drag files to your PC desktop to save them to your computer.
- Drag files to an open third-party app to send them directly to others.

- You can drag and drop or copy and paste files from your PC to the **O+ Connect** app to transfer them to your phone.
- Not all third-party apps support the drag and drop method to share content from your phone.

Cast your phone screen onto your PC

After establishing Multi-Screen Connect between the phone and PC, you can cast your phone screen onto your PC, control your phone from your PC, and view notifications and incoming calls. You can also cast a single app or multiple apps to your PC.

How to use

1. Connect your phone and PC with Multi-Screen Connect.
2. Open the **O+ Connect** app, tap **Screencast**, and do any of the following:
   - Tap **Cast now** to cast your phone screen and control your phone from your PC.
   - Tap an app you want to cast to the PC. You can cast multiple apps at the same time.

- Tap in the lower-left corner, then tap **Shortcut keys** to view keyboard shortcuts for zooming in or out, returning to the previous page, and more.

You can also resize the casting window by dragging its edges with your mouse or touchpad.

- Tap ⚙ near **Cast phone screen** to set the picture quality, sound output, and phone unlock method.

Control your PC remotely with your phone

When you're away from your PC but need to use it, you can use your phone to remotely control your PC, edit documents, transfer files, and more.

How to use

1. On your PC, visit https://connect.oppo.com, then download and install the **O+ Connect** app.
2. Open the **O+ Connect** app and sign in to the same account as on your phone. Tap **Remote control**, turn on **Allow remote control**, then follow the on-screen instructions to complete authorization.
3. On your phone, go to **Settings** > **Device Connect** > **PC** > **Remote PC Control** and tap **Add new device**.
4. Enter the **Device code** and **Connection password**. Tap **Connect**, then tap **Remote desktop**.

You need to remember the PC's connection password, but you can also reset it if needed.

- To automatically lock the screen on your PC after the remote control session ends, you can go to **O+ Connect**, tap > **Remote control**, and turn on **Lock PC screen after remote control ends**.
- To use this feature, automatic hibernation must be turned off on the PC.
- In the remote control window on your phone, you can do any of the following:
  - Pinch with two fingers to zoom in and out.
  - Tap or in the toolbar at the bottom to use your phone as a mouse or keyboard.
  - Drag files from your PC to the phone mini window to send them to your phone.

Manage PC files remotely

You can remotely manage, view, and download your PC files from your phone.

How to use

1. On your PC, visit https://connect.oppo.com, then download and install the **O+ Connect** app.
2. Open **O+ Connect** and sign in to the same account as on your phone. Click **Remote control**, turn on **Allow remote control**, then follow the on-screen prompts to complete authorization.
3. On your phone, go to **Settings** > **Device Connect** > **PC** > **Remote PC Control** and tap **Connect to a new device**.

4. Enter the **Device code** and **Connection password**, tap **Connect**, then tap **Remote file management**.

You need to remember the connection password for your PC, but you can also reset it as needed.

Share files with an iPhone

Quick sharing

Touch to share with NFC

You can quickly share pictures, contact cards, notes, or files with friends (using an OPPO or OnePlus phone) by bringing your phones close together.

How to use

1. Pull down the status bar from the top right of the screen to open Quick Settings. Turn on NFC, Bluetooth, and WLAN on both phones.
2. Select the content you want to share on your phone, tap **Share**, then hold the phones near the NFC sensors on both devices and swipe up to send.
3. Make sure the recipient's phone is unlocked and the screen is on.

- If the transfer doesn't work, go to **Settings** > **Device Connect** > **Touch interactions** and make sure **Touch interactions** is on.
- You can also enable Touch to share in the detail page of Contacts or the editing page of Notes.

Share a link with a tap

You can share a link to interesting content by bringing your OPPO or OnePlus phones together.

How to use

1. Swipe down from the top right of the screen to open Quick Settings. Turn on NFC, Bluetooth, and Wi-Fi on both phones. Make sure the screen of the receiving phone stays on and unlocked.
2. On the sending phone, select content and share it to go to the Share screen, hold the sending phone near the NFC sensor of the receiving phone, and swipe up to send.
3. Once the recipient has received the content, they can open the shared content in the app or in a browser.

- If nothing happens when you bring the two devices together, go to **Settings** > **Device Connect** > **Touch interactions** and make sure **Touch interactions** is on for both devices.
- This feature may not support all apps.

Turning on Screen sharing protection

Turn on "Screen sharing protection" to hide app notifications and protect your privacy during screen sharing.

How to use

Go to **Settings** > **Security & privacy** > **Screen sharing protection**, then turn on **Screen sharing protection** and turn on the switch next to supported apps.

Screencast

Cast the phone screen to a TV

How to use

1. Connect your phone and TV to the same Wi-Fi network.
2. Turn on the cast feature on the TV. The name of this feature and how it is turned on depends on the brand of TV you are using. The feature name may be wireless screen mirroring, screen casting, multi-screen interaction, Miracast, or etc. Please refer to the TV manual.
3. On the phone, slide down from the upper-right side of the screen to open **Quick Settings** and enable **Screencast**.

   You can also go to **Settings** > **Cross-device connectivity** > **Screencast** > **Search for display devices**.
4. In the search results, find the target TV and tap to establish a connection.

Using other apps on the phone while casting

When you are casting an app from your phone to a TV, you can also use other apps on your phone at the same time.

How to use

1. Cast your phone to a TV. Refer to Cast the phone screen to a TV for more details.
2. Open the app you wish to cast on your phone and tap the Screencast icon in the status bar. From there, tap **Screencast modes** and select **Cast app screen only**.

   If you see **Aspect ratio** on the bottom of the screen when you cast an app, it means the app can display in full screen on a TV. Tap **Aspect ratio** and select **Adapt to TV** to display the app in full screen on the TV.
3. Return to the Home screen on your phone to use other apps while casting.

To cast video apps in full screen to a TV, the TV must support HappyCast, Miracast, or OPPO Screencast.

Preventing phone messages from being displayed when casting your screen

When you cast your phone screen to your TV, the TV displays everything on your phone screen by default. To ensure that private information, such as notifications and incoming calls, is not visible to others, you can choose not to display notifications and calls while casting.

How to use

1. To cast your phone screen to a TV, please refer to **Casting the phone screen to TV**.

2. Tap the Screencast icon in the status bar and turn on **Hide notifications** to hide private information such as notifications and incoming calls from large screens.

Turning on Screen-off casting

When you cast your phone screen to a TV, you can turn on **Screen-off casting** to save phone power.

How to use

1. To cast your phone screen to a TV, please refer to Cast the phone screen to a TV.
2. Tap the Screencast icon on the status bar and turn on **Screen-off casting**. Now you can turn your phone screen off without interrupting screen casting.

Connecting printers

Wireless printing

Wireless printing is a built-in printing feature that allows you to print documents right from your phone. To use this feature, simply connect your phone and printer to the same Wi-Fi network.

You can select a printer and configure settings such as number of copies, orientation, page range, and paper size. This feature supports common image file formats and PDF file. You can initiate the printing task via a variety of printing services such as your printer's native connection service.

Add a printer

You can make your life and work more efficient by printing wirelessly from your phone. Once your phone is connected to a printer, you can use it to print documents quickly and simply. You can connect your phone to the printer using the following methods.

How to use

- Add a printer via IP address

  Go to **Settings** > **Device Connect** > **Print** > **Default Print Service**, tap ＋ > **Search by IP address** in the upper-right corner, enter the IP address, and tap **Add**.

- Add a printer via WLAN

  Go to **Settings** > **Device Connect** > **Print** > **Default Print Service**, tap ＋ > **Search for Wi-Fi Direct printers** in the upper-right corner, select one of the available devices, and tap **Connect**.

- Add a printer via search for printers

  Go to **Settings** > **Device Connect** > **Print** > **Default Print Service** to view the available devices and connect.

Install third-party printing services

If your device is connected to the same local network as the printer and **Default Print Service** has been turned on, but you still cannot find the printer, it may be because

the default print service doesn't support your printer model. You need to download a third-party print service plug-in or app to connect to the printer.

How to use

Go to **Settings** > **Device Connect** > **Print** and tap **Add print service**. Select the required printing service, download it, then reconnect to the printer.

Print documents

You can print documents directly from your phone by simply connecting the phone to the same local area network as the printer.

How to use

1. Go to **My Files** or **Photos**, touch and hold the document or photo you want to print, then tap **Share** > **Print** in the lower-left corner.
2. Tap **Printer** to select a printer and connect to it. You can preview the document or photo and set the printing parameters.
3. Tap **Print** to start printing.

Privacy and security

Privacy password

Turning on the privacy password

The privacy password is solely used to access privacy-related features. After this feature is turned on, you can use it for verification in privacy features such as App lock, Hide apps, and Private Safe.

How to use

Go to **Settings** > **Password & security** > **Privacy password** and follow the prompts to set a password and enter your answers to the security questions.

Payment protection

Turning on Payment protection to secure your payments

When you use apps that offer payment services (such as WeChat and Alipay) to make a payment, the **Payment protection** feature will automatically scan the payment environment to ensure payment security.

Payment protection is turned on by default. After you download and install a payment app, the **Payment protection** feature automatically adds the app to its protection list. And whenever you make a payment, it will automatically scan the payment environment for risks. If there is any safety risk, a prompt will pop up to alert you.

You can go to **Payment protection** to view the status of your payment environment and protected apps or its Downloads list to install other protected payment apps.

How to use

Go to **Settings** > **Security & privacy** > **More security & privacy** > **Payment protection** to turn on the switch next to the apps that you want to protect.

Hide Apps

Hide apps to make private apps invisible

You can hide the icons and notifications of apps that you don't want others to see. Hidden apps won't appear in recent tasks either.

How to use

1. From the Home screen, touch and hold an app, then tap **More features** > **App Lock** > **Hide**, or simply tap **App Lock** > **Hide**. Then enter your privacy password and follow the on-screen instructions to set up the access method.
2. Access a hidden app using the method specified through **Access methods**:
   - Home screen folder: Tap the Hide Apps icon on the Home screen and enter your privacy password.
   - Access code: Enter the access code on the dial pad.

- When viewing hidden apps, touch and hold an app and tap **Unhide** to restore the app icon to the Home screen.

- Go to **Settings** > **Security & privacy** > **Hide Apps**, enter your privacy password, and hide apps in a unified manner. You can also tap the Settings icon in the upper-right corner and tap **Access methods** to change the access method.

Private space

Adding files to Private Safe

You can add pictures, videos, audio, documents, notes, and any other data to Private Safe so that they become invisible in Photos, My Files, Notes, and other related apps. All files stored inside Private Safe can only be accessed with the privacy password you set.

How to use

1. Go to **Settings** > **Security & privacy** > **Private Safe**.
2. Enter your privacy password following the on-screen prompts and select the type of files you want to add, such as **Images and videos**.
3. Tap the Add button, select the desired images and videos, and tap **Set as private**.

You can also go to a specific app to select the desired files and set them as private. For example, in **My Files**, tap and hold the desired files to select them and, in the lower-right corner, tap ⋮ > **Set as private**.

- If you have enabled Google Photos to sync from your phone, you'll be asked whether to delete your photos and videos from Google Photos when you move them to Private Safe. Please decide as needed.
- In **Private Safe**, tap **Recently deleted**, tap and hold the private files you want to restore to select them, and then tap **Restore**. Files that are deleted within the last 30 days can be restored.

View files in Private Safe

There are several ways to view files in Private Safe.

How to use

Go to **Settings** > **Security & privacy** > **Private Safe** and enter your privacy password.

On the Private Safe page, tap ⋮ > **Settings** > **Privacy password** > **Other unlock methods**, and set **Fingerprint unlock** or **Face unlock** as needed. You can then access files stored within the Private Safe through fingerprint or face unlock.

Recovering deleted files

Private files that are accidentally deleted can be recovered within 30 days.

How to use

1. Go to **Settings** > **Security & privacy** > **Private Safe** and enter the privacy password.

2. Tap **Recently deleted** to view the files that have been deleted within the last 30 days, touch and hold a file to select the files you want to recover, then tap **Restore**.

App Lock

Lock important apps using App Lock

Turn on App Lock to lock important apps. Locked apps can only be accessed by entering a privacy password. There's no need to worry about others accessing your important apps without permission when they borrow your phone.

How to use

From the Home screen, touch and hold an app, then tap **More features** > **App Lock** > **Lock**, or simply tap **App Lock** > **Lock**. Then enter your privacy password.

- From the Home screen, touch and hold an app, then tap **More features** > **Turn off App Lock**, or simply tap **Turn off App Lock**. Then enter your privacy password.
- You can also go to **Settings** > **Security & privacy** > **App Lock**, enter your privacy password, and turn App Lock on/off for the apps as needed.

System Cloner

System clone, your private space

System Cloner lets you create a system clone in which the apps and data exist separately from the main system.

The system clone can be accessed with a fingerprint or password, providing a safe and convenient standalone system that not only protects your privacy but also helps you separate your work from your personal life.

Creating and entering a system clone

Creating a system clone

Go to **Settings** > **Security & privacy** > **System Cloner** > **Get started**. Enter your Lock screen password and set a password for the system clone. Then a system clone is created.

Entering the system clone

After creating a system clone, you can enter the system clone using one of the following methods.

Method 1

When unlocking your phone, enter the password that you have set for the system clone.

Method 2

In the main system, go to **Settings** > **Security & privacy** > **System Cloner**, tap **Enter system clone**, and enter the password you have set for the system clone.

After your phone restarts, you need to first access the main system with its Lock screen password, and then you can access the system clone using either of the above methods.

Transferring apps and data between the main system and the system clone

You can transfer data between the main system and the system clone using the following instructions.

How to use

1. When unlocking your phone, enter the password that you have set for the system clone to quickly access the system clone.
2. In the main system, go to **Settings** > **Security & privacy** > **System Cloner** to access the system clone.
3. After accessing the system clone, you can do any of the following:
    - Tap **Clone apps** to display the apps installed in the main system, select the apps you want to transfer, then tap **Clone** to clone the selected apps to the system clone. This will only install these apps in the system clone without cloning their data.
    - Tap **Import data**, enter the main system's Lock screen password, select the data that you want to transfer (such as contacts, images, videos,

audio, and documents), and then tap **Import**. This will copy the selected data to the system clone.

- Tap **Export data**, enter the password you have set for the system clone, select the data that you want to transfer (such as contacts, images, videos, audio, and document files), and then tap **Export**. This will copy the selected data to the main system.

Sharing notifications between the main system and system clone

To avoid missing messages received in the main system or the system clone, you can allow the main system and system clone to share their notifications. By doing so, you will be able to see all notifications no matter which system you are using.

How to use

1. When unlocking your phone, enter the password that you have set for the system clone to quickly access the system clone.
2. Go to **Settings** > **Security & privacy** > **System Cloner**.
3. Turn on **Receive notifications sent to system clone**. You will be able to receive notifications sent to the system clone while using the main system.
   Turn on **Receive notifications sent to main system**. You will be able to receive notifications sent to the main system while using the system clone.

You can turn on these switches only in the system clone. If you turn them both on, you can view all the notifications sent to both systems regardless of which system you are using.

Hiding the entrance to the system clone

How to use

1. When unlocking your phone, enter the password that you have set for the system clone to quickly access the system clone.
2. Go to **Settings** > **Security & privacy** > **System Cloner** > **Hide access to system clone**.
3. Turn on **Hide access to system clone** and tap **Hide**.
4. This will hide the entrance to the system clone in the main system. You will only be able to access the system clone by unlocking your phone with the password you have set for the system clone.

If you forget the system clone's password after its entrance is hidden, you will be unable to access it or delete its data.

Deleting a system clone

How to use

You can delete a system clone using one of the following methods:

Method 1: Deleting from the main system

1. When unlocking your phone, enter your main system's Lock screen password.
2. Go to **Settings** > **Security & privacy** > **System Cloner**.

3. Tap ⋮ > **Deleting system clone** > **Delete**, and enter the main system's Lock screen password to confirm. This will delete the system clone.

Method 2: Deleting from the system clone

1. When unlocking your phone, enter the password you have set for the system clone.
2. Go to **Settings** > **Security & privacy** > **System Cloner**.
3. Tap ⋮ > **Delete system clone** > **Delete anyway** and enter the password you have set for the system clone to confirm. This will delete the system clone.

ⓘ Deleting the system clone will delete all its data at the same time. Once deleted, such data cannot be restored, so please proceed with caution.

Permission manager

Managing app permissions

Apps may require certain permissions to provide you with the required services. Such permissions may include:

- Use the camera and microphone
- Access apps such as Phone, Messages, and Calendar
- Access your phone's location, contacts, app list, and internet browsing records
- Access images, documents, audio files, or other files on your phone
- Allow apps to send Lock screen notifications, banner notifications, and more

However, some apps may request more permissions than they need, which may pose a risk of information leakage. You can go to Permission manager to turn off unnecessary permissions.

How to use

Go to **Settings** > **Security & privacy** > **Privacy controls** > **Permission manager**. Tap any permission and follow the prompts to manage its settings.

Changing special app permissions

When you use an app, it may require access to certain data and permissions, such as permission to read your notifications, manage the files stored on your device, or display over other apps, to provide you with the required services.

However, some apps may request more permissions than they need, which poses a risk of privacy security and information leakage. You can check the permissions of apps and turn off the unnecessary ones.

How to use

1. Open Settings, then go to **Apps** > **Special app access**.
2. Change app permissions as needed.

Turning on Location Services

Some apps may need to use Location Services to provide services based on your current location. You can turn Location Services on or off as necessary.

How to use

1. Swipe down from the top of the screen to open **Quick Settings**.

2. Tap the Location Services icon, to turn the feature on or off.

3. You can also touch and hold to enter the **Location Services** page, and tap **Wi-Fi and Bluetooth scanning** to turn on **Wi-Fi scanning** and **Bluetooth scanning** for more accurate location-based services.

System security

Protect your data against theft

If your phone is stolen while unlocked, theft protection auto-locks your phone to protect the data.

How to use

1. Go to **Settings** > **Security & privacy** > **Device unlock** > **Theft protection**.

2. You can do any of the following:

   - Theft Detection Lock: Turn on **Theft Detection Lock**. The screen will lock if this feature detects that someone has taken your device and run away.
   - Offline Device Lock: Turn on **Offline Device Lock**. The screen will lock shortly after your device goes offline.
   - Remote Lock: Turn on **Remote Lock**. If your device is lost or stolen, you can use another phone, PC, or tablet to visit the Find Hub website (android.com/lock) and use your phone number to remotely lock your lost or stolen device.

- Find your device and erase your data: Turn on **Allow Find My Device**. If your phone is stolen, you can open the **Find Hub** app or go to the Find Hub website (android.com/lock) to locate your device or erase your data.

Detection of malicious apps

When malicious apps are detected on your device, information about the apps will be shared with Google Play Protect. Once the apps are confirmed to be malicious, they will be blocked from potential users, and users who are already using them will receive an alert.

How to use

1. Go to **Settings** > **Security & privacy** > **More security & privacy** > **Scanning for deceptive apps**.
2. Turn on **Use scanning for deceptive apps**.

Viewing blocked pseudo base stations

This feature blocks fraudulent messages and ads from pseudo base stations. Pseudo base stations are cellular base stations that are employed for malicious and usually illegal purposes such as sending fraudulent messages and ads.

How to use

Go to **Settings** > **Security & privacy** > **More security & privacy** > **Pseudo base station blocking** to view pseudo base station blocking history.

Find my device

Use the Find Hub feature to locate your phone remotely. If you lose your phone, you can also use this feature to factory reset your phone to prevent privacy leaks.

How to use

1. Go to **Settings** > **Security & privacy** > **Device finders** > **Find Hub** and turn on **Allow device to be located**.
2. After signing in to your Google account, you can find your phone. If your phone is lost, you can open the **Find Hub** app or go to the **Find Hub** website (android.com/lock) to locate or factory reset the phone.

Stay safe with Personal Safety

Personal Safety can quickly call emergency services, share your real-time location, record a video, automatically notify a friend if you miss a scheduled safety check, and get alerts about nearby natural disasters for added awareness.

How to use

Go to **Settings** > **Safety & emergency**. You can do any of the following:

- Tap **Open Personal Safety**, sign in to your Google Account, go to **Features**, and use one of the following features:
  - Safety Check: When schedule a safety check, the phone will check on your safety at the set time.
  - Emergency sharing: Share your real-time location and other critical information with your emergency contacts.

- Tap **Crisis alerts**. After **Crisis alerts** is turned on, you will be notified about nearby natural disasters and public emergencies.
- Tap **Emergency SOS** and then tap **Turn on Emergency SOS**. Turn on emergency actions as needed, such as calling emergency services, sharing info with emergency contacts, and recording emergency video. When in an emergency, press the Power button quickly multiple times and touch and hold on the screen as instructed for 3 seconds to start emergency actions. Your phone will call emergency services, share your location with your emergency contacts, or record an emergency video.
- Tap **Medical information**. Enter your name, date of birth, blood type, height, and other information. To help in an emergency, people can view your medical information without unlocking your device.
- Tap **Emergency contacts** to add a contact. Tap **Emergency SOS** when you are on the lock screen password verification or power-off screen to quickly access the emergency dialer and view and call emergency contacts.

Frequently used apps

Phone Manager

About Phone Manager

Phone Manager offers one-tap optimization, cleanup, and virus scanning and removal to keep your phone running at peak performance. It also blocks ads and secures payments to prevent you from potential risks.

How to use

Open **Phone Manager**, wait for the phone to run a general check, and check the report when it finishes. Tap **Optimize** to perform a deeper scan and optimization. You can do any of the following:

- Tap **Viruses & risks** to view virus scanning history or tap **Scan again** to perform a new scan.
- Tap **Clean up storage** > **Clean up** to delete junk files.
- Tap **Payment protection** to view payment security check results and protected apps.

Prolong the life of your phone

After using your phone for a long period of time, you can perform regular deep optimization on the system to improve the performance of the phone.

How to use

Go to **Phone Manager** and tap **Tools** > **Extended use care**. Tap **Start**.

Tap in the upper-right corner and turn on **Auto extended use care**. If your phone has not been optimized for more than a month, the system will automatically perform a deep optimization between 2:00 AM and 5:00 AM when the phone is idle.

Contacts

Create and manage contacts

How to use

1. Go to **Phone**, select the **Contacts** tab, and tap the Add button in the lower-right corner.
2. Set a profile picture for the contact and enter information such as last name, first name, phone number, company, and notes, then tap **Done**.
3. On the details page of a **contact**, you can also do the following:
   - Tap to edit the contact's information;
   - Tap the star button to add the contact to Favorites;
   - Tap to delete the contact, add to blacklist, etc.

read phone state

Create to-dos

In Calendar, you can add things you plan to do to the to-do list and set a specific time to be reminded to complete them.

How to use

1. Go to **Calendar**, select the To-do tab, tap + in the bottom-right corner, and enter what you want to do.
2. Tap to set time, repetition rules, sound alert, and etc.

Clock

Setting and editing an alarm

How to use

1. Go to **Clock** > **Alarm** and tap ⊕ to set an alarm.
2. Edit the alarm label, ringtone, vibration, and snooze settings as needed, and then tap **Done**.

Tap an existing alarm to edit it. Touch and hold an alarm to delete it.

Set an alarm sound

You can set a default sound for all alarms, customize sounds for individual alarms, and adjust each alarm's ringing style.

How to use

- Set a default sound for all alarms: Go to **Clock** > **Alarm** and, in the upper-right corner, tap ⋮ > **Settings** > **Default alarm sound**.

If you want the alarm sound to increase gradually, turn on **Gradual alarm volume**.

- Set a sound for an individual alarm: Tap the alarm you want to customize, then tap **Ringtone** or **Vibrate** to set your preferred ringtone and vibration effect.

If you want the alarm to vibrate only, select **None** in the Ringtone settings.

Turning off or snoozing an alarm

If you want to sleep for a few more minutes after an alarm rings, you can tap the Power button or the **Snooze** button. The alarm will ring again later.

Tap **Stop** to turn it off.

How to use

Go to **Clock** > **Alarm** > ⋮ > **Settings** to set up **Ring duration** and **Stop alarm with**.

You can also turn on or off **Notify before ringing**.

Setting alarms for custom work schedules

You can now set alarms for your custom work schedule according to your specific workdays.

How to use

1. Go to **Clock** > **Alarm** and tap ⊕ to set an alarm.
2. Tap **Workdays** > **Custom work schedule**, and set **Cycle** and **Start date**.

Using Timer or Stopwatch

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

How to use

- Go to **Clock** > **Timer**, set the duration of time, tap ▶ to start the timer, and tap ⏸ to stop it.
- Go to **Clock** > **Stopwatch**, tap ▶ to start the stopwatch, and tap ⏸ to stop it.

Viewing the time in cities worldwide

You can use Clock to view the local time in different time zones around the world.

How to use

Go to **Clock** > **World clock**, tap ⊕ to enter the name of a city, or select one from the list of cities to view its local time.

Displaying two clocks

When you are outside your usual time zone, you can turn on Dual clock to display the time of your usual residence and current location.

How to use

1. Go to **Clock** > ⋮ > **Settings** > **Date & time** > **Dual clock** to turn on **Dual clock**.
2. Follow the prompts to add your **Usual residence**.
3. Tap **Display dual clock on** to show dual clock on the **Lock screen**, **Home screen clock widget**, or **Lock screen & Home screen clock widget**.

Compass

Using Compass

The Compass app shows your current location, the direction your phone is pointing, latitude, and your latitude and longitude.

Calibrating Compass

Calibrate **Compass** before you use it for the first time. To calibrate Compass, find an open area away from interference and move the phone following the onscreen instructions.

Finding your bearings

• Hold the phone horizontally to get accurate latitude, longitude, and directions.

• Check the direction: The direction displayed directly below the compass in the mobile phone interface (such as east, north, northeast, southeast, etc.) is the direction of the mobile phone.

App management

Using App Cloner to separate your work and personal life

App Cloner lets you use two accounts of one app on one phone, one for the original app and the other for the cloned app.

How to use

Go to **Settings** > **Apps** > **App Cloner** and select apps for which you want to enable this feature.

When App Cloner is turned on for an app, an app clone that runs independently of the original app will be added to the Home screen.

Some apps or phone models do not support App Cloner.

Setting the default app

If you have more than one document editor, you can set a default app to open any document.

How to use

1. Go to **Settings** > **Apps** > **Default apps**.
2. You can choose the default app for opening **TXT**, **PDF**, **Word**, **Excel**, and **PPT** files respectively according to your habits. Or you can tap **Download more apps** to download more apps.

Currently, it is recommended to use system default apps such as **System Launcher**, **Messages**, **Phone**, **Browser**, **Photos**, **Music**, and **Videos**.

Viewing or modifying app permissions, notifications, and more

You can make changes to app settings through **Manage notifications**, **Permissions**, and **Battery usage**.

How to use

1. On the Home screen, touch and hold the app whose settings you want to modify and tap **App info**.
2. Follow the prompts to modify app settings. For example, you can stop or uninstall the app, view or modify its permissions, or change the notification style.
3. Tap **Manage notifications**, **Permissions**, and **Battery usage** to set up the app.
4. Tap **Data usage** to view the mobile data used.
5. Tap **Storage usage** to view app storage usage and free up space.

Uninstalling apps

You can use the following methods to uninstall a single app or uninstall multiple apps at once.

How to use

- **Uninstall a single app**
  - Touch and hold the app icon on the Home screen, tap **Uninstall**, and then follow the prompts.
  - You can also go to **Settings** > **Apps** > **App management**. Tap on the app that you want to uninstall, and then tap **App info**. Then tap **Uninstall** to uninstall the app.
- **Uninstall multiple apps**
  - When your Home screen is in Standard mode, touch and hold the Home screen or pinch in to enter Edit mode. Select the icons of the apps that you

want to uninstall, and tap **Uninstall**. The selected apps will all be uninstalled.

- When your Home screen is in Drawer mode, swipe up on the Home screen to enter the app drawer. Tap **Manage** in the upper-right corner, and tap **Select** in the menu. Select the icons of the apps that you want to uninstall, and tap **Uninstall**. The selected apps will be batch uninstalled.

- Uninstalling apps will clear app data. It is recommended to back up data before uninstalling.
- Some system apps cannot be uninstalled.

Recovering system apps

If you accidentally uninstalled a system app, you can get it back in the following ways.

How to use

1. Go to **Settings** > **Apps** > **Recover system apps**, and then select the apps that you want to recover, and tap **Install**.
2. Alternatively, go to "App Market" and tap **Go now** to download and install the app.

Display over other apps

Display over other apps, also known as picture-in-picture, allows an app to display over other apps in a small window. After this permission is turned on, you can continue to interact with an app while using other apps.

How to use

1. Go to **Settings** > **Apps** > **Special app access** > **Display over other apps**.
2. Select the apps for which you want to enable this permission and turn on **Display over other apps**.

This permission allows an app to appear on top of other apps. This may affect how other apps are displayed.

Recorder

Selecting a recording mode

The Recorder app has Standard, Interview, and Meeting modes, addressing the needs of a diverse range of use cases.

- **Standard mode:** Records sound without much processing. Suitable for general use.
- **Interview mode:** Applies a noise-canceling algorithm. Best for occasions where the voice to be recorded is near your phone, such as for interviews.
- **Meeting mode:** Makes voices sound louder. Best for occasions where the voice to be recorded is far from the phone, such as in a meeting or lecture.

How to use

Go to **Recorder**, tap ⋮ > **Settings** > **Recording mode**, and choose the mode you need.

Improve recordings with Directional Clear Voice

Directional Clear Voice can help effectively reduce noise and make recordings sound clearer.

How to use

1. Open the **Record** app and tap ● to start recording.
2. During recording, tap ⋮ > **Turn on Directional Clear Voice** in the upper-right corner, and point the top of your phone toward the sound source.
3. Tap ❚❚ to pause recording, ▶ to continue recording, and ■ to finish recording.

Directional Clear Voice is not supported when using external devices, such as headsets.

This feature only works on specific models.

Notes

Recording ideas on the fly with Notes

Notes helps you keep track of important information or capture fleeting ideas with Doodle. Create to-dos and set reminders, and you will find it easier to organize your tasks and get them done.

Create notes

You can use the Notes app to create, edit, manage, and view your notes in one place.

How to use

1. Open the **Notes** app and tap ⊕ in the lower-right corner.
2. Enter your text, then swipe left or right on the text to enter block editing mode. You can then touch and hold the selected text blocks to move, format, copy, and share the text.
3. Tap ⊘ in the toolbar to access formatting options and insert attachments.
4. You can also do any of the following:

- Tap ✎ to polish and format your notes.
- Tap **Format** to adjust text style, size, color, and so on.
- Tap + to insert photos, doodles, tables, and more into your notes.
- Tap ⋮ for more options such as locking, pinning, or deleting the note, setting the skin or a reminder for the note, and adding the note to your Home screen.

Organizing notes

You can hide or delete your notes or pin a note to the top based on your needs. You can also move your notes to your notebooks to classify and organize them.

How to use

• **Pin to top**: In the list of all notes, touch and hold the note that you want to pin to the top, then tap **Pin** to move it to the top of the list.

• **Hide a note**: In the list of all notes, touch and hold the note that you want to hide, then tap **Hide** to hide it in your hidden notebook. To view your hidden notes, tap **All notes** > **Hidden notes**, then enter your privacy password.

• **Move a note**: In the list of all notes, touch and hold the note that you want to move, tap **Move**, and select a notebook that you want to move the note to. You can also tap **New notebook** to create a new notebook and move the note into it. To view notes stored in different notebooks, simply tap **All notes**.

• **Delete a note**: In the list of all notes, touch and hold the note that you want to delete, and tap **Delete**. You can tap **All notes** > **Recently deleted** to view the notes deleted in the past 30 days.

When you use the hidden notes function for the first time, you will be required to set a privacy password and the answer to the security question.

Doodle

With Doodle, you can write or draw within a note to make it richer and more vivid.

How to use

1. Go to **Notes** > **Notes** and tap ⊕ in the lower-right corner.
2. Tap ✎ to start doodling. You use the built-in Color palette, Ballpoint pen, Pen, Pencil, Marker, Lasso tool, and Eraser when you draw or write in your note.

My Files

Searching for files

With My Files, you can efficiently and easily find the files you need on your phone.

How to use

Go to **My Files**, and you can:

- View files by category from the Home page (for example, all images are displayed in the same way as in the Photos app);
- Tap **Recents** to switch to the **Recents** view, where the files added in the last 30 days will be displayed in chronological order; or
- Search by file names in the search bar located at the top of the Home page to quickly find the files.

Managing files on your phone

My Files can help you effectively manage files on your phone, such as images, audio, videos, documents, archives, and APK files.

How to use

Select the files you need and choose any of the following:

- **Share**:Share your files with others or other devices.
- **Tags**: Add one or more tags to the files. To find the files you've tagged, go to the Tags page.
- **Move**: Choose a location to move the file, and then tap **Move here**.

- **Delete**: Delete the files.
- **More**: Copy or rename the files or perform other actions.

Setting a file as private

When there are some important pictures, videos, audio, and document files that you don't want others to see, you can set them as private files.

How to use

1. Go to **My Files**, touch and hold the file, and tap **More** > **Set as private**.
2. Tap **Private Safe** to view private files after verifying the password.

Weather

Viewing weather info

Use Weather to check the current weather and weather forecast for your current location or in other cities.

How to use

· Go to **Weather** to view weather information about your current location.

· To check the current day's hourly forecast, scroll down and then swipe left or right.

· Scroll down to view the air quality, visibility, UV index, humidity, and more.

· Tap **15-day weather forecast** to view more weather information on a webpage.

Checking the weather in different cities

You can use the Weather app to check the weather in different cities, helping you better plan your trips.

How to use

Open the **Weather** app, tap  in the upper-right corner, and then tap ⊕ in the lower-right corner to add target cities or regions. You can then view the weather of the cities you added by swiping left or right on the app's home page.

Using the Calculator

The Calculator app on your phone can handle anything from simple addition, subtraction, multiplication, and division operations to more complex scientific calculations like exponents, square roots, and functions. It can also convert units.

How to use

1. In the **Calculator** app, you can perform basic calculations such as addition, subtraction, multiplication, and division.
2. To clear the display, tap the Clear (C) key.
3. Tap ⋮ > **History** to view previous calculations.

You can also:

- Tap the "scientific calculator" button in the upper-right corner to perform advanced calculations.

- Tap in the upper-right corner to start converting units.

Using Global Search

Don't know where to find a feature? Don't want to swipe across screens to find an app? Open Global Search with a swipe, and enter keywords to quickly find what you are looking for on your device and on the web.

- On your device: apps, settings, files, contacts, calendar, notes, messages, and more.
- On the web: apps, webpages, and more.

How to use

- Swipe down on the Home screen to open Global Search.
- From the Home screen, swipe to the Shelf screen and tap the magnifying glass in the upper-left corner to open Global Search.

IR Remote

Add remote-control devices

Using infrared technology, you can connect your phone to your home appliances through smart remote-control apps. This allows you to easily control a variety of home appliances, including TVs, air conditioners, set-top boxes, cameras, projectors, bulbs, fans, and more, directly from your phone.

How to use

1. From the Home screen, swipe down to open Global Search. Search for **IR Remote** and open it.
2. Tap ⊕ in the lower-right corner, select the device type, and follow on-screen prompts to add it.
3. Power on the appliance, aim the phone's infrared transmitter toward the appliance, then follow on-screen prompts to pair the appliance with the phone.
4. Once the appliance has been paired, tap ⏻ to start using your phone as a remote.

Added appliances will show up in IR Remote devices. Tap on a device to start using it.

ⓘ This feature only works on specific models.

Setting up IR Remote

How to use

Open **IR Remote** and tap ⋮ > **Settings** to turn on or off **Button sound** or **Button vibration**.

You may also turn on **Obtain remote control data online** to support more device models.

ⓘ This feature only works on specific models.

System settings

Search

The Search function in Settings

Go to **Settings**. Tap the search box and enter the setting item that you want to view. Select and tap the setting item from the drop-down content to quickly enter the setting item.

WLAN

Connecting to Wi-Fi

Wi-Fi is short for Wireless Fidelity. You can connect to Wi-Fi in a variety of ways and access the internet without consuming mobile data.

How to use

1. Go to **Settings** > **Wi-Fi**.
2. You can connect through any of the following methods:
    - On the list of available networks, tap the network you need to connect to, enter the password when prompted, or open the browser and enter the account password for authentication. Please contact the Wi-Fi provider for the account name and password.

- If you do not find the network you want to connect to on the list of available networks, tap **Add network** and enter the network name to connect.
- If someone shares a Wi-Fi QR code with you, you can tap in the upper-right corner of Wi-Fi settings and scan the code to connect.

After you have connected to a Wi-Fi network once, whenever your phone enters the network range again, it will automatically connect to it without asking you to enter the password again.

If you don't want to auto connect to a Wi-Fi network, tap on the right side of the Wi-Fi network and turn off **Auto connect**.

Sharing Wi-Fi through a QR code

You can share the accounts and passwords of Wi-Fi networks you have saved with others. They can connect to a Wi-Fi network by simply scanning a QR code.

How to use

Go to **Settings** > **Wi-Fi** and tap beside the Wi-Fi network you want to share, then tap **Share** to generate a QR code.

Introduction to Wi-Fi Assistant

Wi-Fi Assistant provides you with a variety of network acceleration services, such as automatically switching to a better Wi-Fi network or a mobile network when the Wi-Fi network is poor or using both Wi-Fi and mobile networks simultaneously. These services can significantly improve your network experience.

Using dual channel network acceleration

In scenarios such as grabbing red packets or playing games, turn on Dual channel network acceleration to use both mobile data and Wi-Fi to give you an edge.

How to use

Go to **Settings** > **Wi-Fi** > **Wi-Fi assistant** > **Dual channel network acceleration**, turn on **Dual channel network acceleration**, and switch on this feature for the apps that need it.

Using this feature may consume more mobile data. We recommend that you turn it on only when needed.

Dual Wi-Fi acceleration

Dual Wi-Fi acceleration allows your phone to simultaneously use two Wi-Fi networks.

How to use

Go to **Settings** > **Wi-Fi** > **Wi-Fi assistant** and turn on **Dual Wi-Fi acceleration**.

Auto switch to mobile network

Turn on **Auto switch to mobile network**, so your phone can automatically switch to the mobile network when the Wi-Fi network quality is poor to avoid network connection interruption.

How to use

Go to **Settings** > **Wi-Fi** > **Wi-Fi assistant** and turn on **Auto switch to mobile network**.

Auto connect to the best Wi-Fi

When there are multiple Wi-Fi networks around you and your phone has connected to these networks before, you can turn on **Auto connect to the best Wi-Fi**. Your phone will automatically detect the quality of these Wi-Fi networks. When the quality of the current network is poor, the phone will automatically switch to the best network.

How to use

Go to **Settings** > **Wi-Fi** > **Wi-Fi assistant** and turn on **Auto connect to the best Wi-Fi**.

Bluetooth

Bluetooth connection

Establishing a connection between your phone and Bluetooth headphones, bands, watches, tablets, etc. makes it easier to share data between your phone and these devices.

How to use

1. Turn on Bluetooth on the device that needs to be connected and enter pairing mode. (The operation varies by device. Please refer to the user manual of the device you want to connect for details.)
2. On your phone, go to **Settings** > **Bluetooth** and turn on **Bluetooth**.
3. On the Available devices list, tap the Bluetooth name of the device you want to connect to and follow the prompts to establish a connection.

You can also tap ⓘ beside a paired device and tap **Disconnect** or **Unpair**. You can also set the purpose of the Bluetooth device, such as sharing contacts, media audio, or call audio.

Mobile network

Setting SIM card name and number

When using two SIM cards, you can supplement information such as the SIM card name and number for easier use.

How to use

Go to **Settings** > **Mobile network**, tap one SIM card, and enter the SIM info & settings page. You can:

- Tap **SIM card name** to enter a custom name.
- Tap **SIM card number** to enter the phone number.
- Turn **Data Roaming** on or off as needed.

SIM card management

Setting a default calling SIM and data SIM

When you use two SIM cards, you can set the default calling SIM and data SIM based on the data plans provided by these cards.

How to use

Go to **Settings** > **Mobile network** and tap **Default calling SIM** and **Default data SIM** respectively and follow the prompts to change settings.

Setting up Dual-SIM call forwarding

When using two SIM cards, you can turn on **Dual-SIM call forwarding** so as not to miss important calls when one card cannot be connected.

How to use

Go to **Settings** > **Mobile network** > **More settings** > **Dual-SIM call forwarding** and adjust the call forwarding settings for SIM 1 and SIM 2 as needed.

One SIM for making calls, one SIM for internet access

When using two SIM cards, you can set them up so that while you are making a call with one SIM, the other card will be used to access the internet, making sure that you can always access the internet.

How to use

Go to **Settings** > **Mobile network** > **More settings** and turn on **Use mobile data during calls**.

Data usage

Checking phone data usage

The system will help you calculate your phone's daily and monthly data usage as well as how much data each app consumes, so that you can better control and manage data consumption.

How to use

Go to **Settings** > **Mobile network** > **Data usage** to view data usage.

- Tap **Data usage by app** to view how much data each app consumes.
- Tap an app name to turn on **Disable mobile data** as needed or turn off features including **Background data**.
- Go to **Data usage limit** and tap **Daily data usage limit** or **Monthly data usage limit** to set the data usage limit and how you are notified when this limit is exceeded.

Data saving

Data saving helps you consume less mobile data by restricting apps from using mobile data in the background.

How to use

Go to **Settings** > **Mobile network** > **Data saving** and turn on **Data saving**.

When this feature is on and a mobile network is being used, background apps (such as Mail or instant messaging software) won't be able to receive new messages. Personal hotspot and tethering will also be turned off.

You can tap **Unrestricted apps** to decide which apps can run in the background with internet access, so you don't miss important information.

Managing app network permissions

Some apps consume a lot of mobile data, and you can set them to run only over Wi-Fi.

How to use

Go to **Settings** > **Mobile network** > **Data usage** > **Network access**, tap the name of an app, and follow the prompts to limit or deny internet access.

Connection & sharing

Airplane mode

When you are taking a plane, you may need to turn on Airplane mode, depending on the requirements of the airline. In Airplane mode, features that rely on the mobile network, Wi-Fi, and Bluetooth will be unavailable.

How to use

You can turn on **Airplane mode** through any of the following methods:

- Swipe down from the status bar to open Quick Settings and turn on **Airplane mode**.
- Go to **Settings** and turn on **Airplane mode**.

Personal hotspot

Share your network through personal hotspot

You can share your phone's mobile network with other devices through personal hotspot.

How to use

1. Go to **Settings** > **Mobile network** > **Personal hotspot**, and turn on **Personal hotspot**.

2. Your personal hotspot now can be found and connected by nearby devices after entering the password.

   If no device is connected within 10 minutes, the hotspot automatically turns off to save power.

You can also:

- Tap the QR code next to **Hotspot settings** to share your hotspot. Scan this QR code on another device to connect quickly.
- Tap **Hotspot settings** to change the hotspot name, change password, or hide the hotspot to improve security.
- Tap **Connection management** to set device connection limit, data usage limit, and etc.

Share internet via Bluetooth

You can share your phone's network with another device through Bluetooth.

How to use

1. Go to **Settings** > **Mobile network** > **Personal hotspot** and turn on **Bluetooth tethering**.
2. Turn on Bluetooth on the device that requires internet access and connect the device to your phone through Bluetooth.

When the connection is established, the device can use your phone's mobile data to access the internet.

Share an internet connection via USB

You can share your phone's internet connection with another device via USB.

How to use

1. Connect your phone to the device using a USB cable, and complete the relevant settings. (The procedures may vary by device.)
2. Go to **Settings** > **Mobile network** > **Personal hotspot** and turn on the **USB tethering** switch.

You cannot turn on the **USB tethering** switch unless your phone has been connected to the device via USB. If the **USB tethering** switch is still grayed out, reconnect your phone to the device.

AOD

Turn on Always-On Display

Always-On Display allows you to check the time, date, notifications, and other information without turning on the screen.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **All Flux themes**, and tap on a theme you like to edit it.
2. Turn on **Always-On Display** in the **Always-On Display** page.

To turn off Always-On Display, go to **Settings** > **Home screen, Lock screen & style** > **Always-On Display** and turn off **Always-On Display**.

Select Always-On Display mode

Always-On Display allows you to check information such as the time without turning on the screen. You can also choose your favorite AOD mode to make it more personalized.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **All Flux themes**, choose a theme, and tap to edit it.
2. Swipe right on the **Always-On Display** to edit and select the desired mode:
   - **Full-screen**: When AOD is enabled, time, weather, and added widgets are displayed on the lock screen for easier use.
   - **Seamless**: A stunning, continuous animation provides a seamless transition from the AOD to the Lock screen and the Home screen when you wake your screen.
   - **Classic**: Displays time only and saves power.

You can also go to **Settings** > **Home screen, Lock screen & style** > **Always-On Display** and choose an AOD mode.

Setting Always-On Display patterns

Create Always-On Display with text and image

You can use your favorite photo for your Always-On Display. You can choose a photo of a loved one, family member, pet, or favorite celebrity, allowing you to see them every time you glance at your phone.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **Always-On Display**. Under **Personalized**, tap **Text and image**.
2. Select an image and enter the editing page.
3. Enter text below the image. You can adjust text color, size, alignment, and more.
4. Tap **Apply**.

Draw Always-On Display patterns

You can draw an AOD pattern freely with your hand.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **Always-On Display**. Under **Personalized**, tap **Custom patterns**.
2. In the page that opens, choose elements including colors, paintbrushes, and shapes, draw a pattern in the drawing area, and tap **Done** when you finish.

Create personalized text on the Always-On Display

You can display your favorite personal motto on the Always-On Display.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **Always-On Display**. Under **Personalized**, tap **Text**.
2. In the window that opens, enter text and make personalized modifications such as text color, text weight, alignment, etc.

3. Tap **Apply**.

Create a silhouette portrait

You can turn a color portrait into an exclusive silhouette portrait for the Always-On Display.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **Always-On Display**. Under **Personalized**, tap **Canvas**.
2. Take a photo or choose one from the album as instructed on the pop-up.
3. Tap **Generate**, and wait for the system to automatically generate a draft silhouette portrait.
4. Erase any unwanted lines and adjust the display style and color. Tap **Next**.
5. Adjust the size and position of the silhouette portrait, then tap **Done** in the upper-right corner. Set the text color, then tap **Apply**.

Turn on **Apply original image to Home and Lock screens** to apply the original image to both the Lock screen and the Home screen.

Use Omoji as Always-On Display wallpaper

You can use an Omoji as your Always-On Display wallpaper. Every time you light up the screen, you can see your unique personalized image.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **Always-On Display**. Under **Personalized**, swipe left to find **Omoji**.

2. Select your favorite Omoji and expression, and tap **Next**.

3. Follow the prompts on the screen to choose the text color, and tap **Apply**.

Set auto screen off

When your phone is not used for a while, the screen will automatically turn off to save power and protect your privacy. You can set the auto screen off duration as needed.

How to use

Go to **Settings** > **Display & brightness** > **Auto screen off** and set the screen off duration.

Turn on Screen attention

Screen attention keeps your screen on while you're looking at it.

How to use

Go to **Settings** > **Display & brightness** and turn on **Screen attention**.

Customize the Always-On Display

The Always-On Display allows you to check the time, date, notifications, and other information without waking up the screen. You can customize the Always-On Display after it is turned on.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **Always-On Display** and turn on **Always-On Display**.

2. Select the desired **Mode**:

- If you select **Full-screen**, the Always-On Display will display the time, weather, and widgets you add to the Lock screen.
- If you select **Seamless** or **Classic**, you'll need to enter **Display settings**:
  - Tap **Info** to choose the information you want to display, such as time, date, and battery level.
  - Turn on **New notifications** to display new messages on the Always-On Display.

Check your ride-hailing status on Always-On Display

You can still view important information, such as food delivery or ride-hailing status, even when the screen is off. Without turning on the screen, you can easily check the latest updates on your food delivery or ride-hailing.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **Always-On Display** and turn on **Always-On Display**.
2. Select the **Mode** for AOD:
   - If you select **Full-screen**, updates such as the status of ride-hailing will be shown in Live Alerts on the AOD.
   - If you select **Seamless** or **Classic**, you need to tap **Display settings** > **Contextual info** > **Live Alerts** and turn on **Show Live Alerts on Always-On Display**.
3. You can now check the updates on your food delivery or ride-hailing without turning on the screen.

If no ride-hailing or food delivery updates are displayed on the AOD, go to **Settings** > **Notifications & Quick Settings** > **Live Alerts**, and make sure that you have allowed Live Alerts and selected **Always-On Display** for the r ated services.

Control music on Always-On Display

The Music on AOD feature makes it easy and convenient for you to control music when the screen is off without the need to unlock your phone.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **Always-On Display** and turn on **Always-On Display**.
2. Select the **Mode** for AOD:
   - If you select **Full-screen**, the Music playback widget will be displayed in the AOD.
   - If you select **Seamless** or **Classic**, you need to tap **Display settings** > **Contextual info** > **Music playback** and turn on **Music info**.

Home screen, Lock screen & style

wallpaper

Set wallpaper

The system has many exquisite wallpapers preset for you to choose from, including static artistic wallpapers and carousel wallpapers that change with time. You can also download and install online wallpapers, or set your favorite image as wallpaper.

How to use

- Go to **Settings** > **Home screen, Lock screen & style** > **Wallpapers**, choose a wallpaper you like and tap **Apply to** to set it as your Lock screen or Home screen wallpaper, or add it to Carousel wallpapers.
- Go to Photos and open a photo you like. Tap ⋮ > **Set as wallpaper** to set it as your Lock screen or Home screen wallpaper. On the wallpaper editing page, you can perform operations such as blurring the image. After the editing is done, tap **Apply**.

Pick accent colors from your wallpaper

You can pick accent colors from a static wallpaper and apply these colors to your system.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **More** > **Colors**.

2. Tap **Wallpaper colors** > **Custom**. In the window that opens, drag the four dots to pick colors from your current wallpaper.

This feature is not available when a motion wallpaper is in use.

Set up motion wallpapers

Motion wallpapers can make your phone background more vibrant and lively.

How to use

Go to **Settings** > **Home screen, Lock screen & style** > **Wallpapers**, choose a motion wallpaper you like, and tap **Set as** to set it as your Home screen or Lock screen wallpaper.

Set up carousel wallpapers

Carousel wallpapers can automatically switch the Lock screen wallpaper.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **Wallpapers** > **Carousel wallpapers**.
2. Tap **Add** in **Customized wallpapers** to select your favorite wallpapers to display on the Lock screen.

Use online wallpapers

While the system provides a good selection of wallpapers, you can find many more options when you look online.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **Wallpapers**.
2. Scroll down to **More wallpapers** to see more wallpapers.

Icons

Change icon styles

You can change the styles of app icons on the Home screen according to your own preference.

The default icon styles include **Material** and **Pebble**. Customization of app icons is also supported.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **Icons** to enter the icon editing screen.
2. Choose a default style, such as **Material**. You can also adjust the icon size and app name font size. Once you're finished editing, tap **Apply**.

In addition, when you edit a Flux theme, on the **Home screen** page, you can tap **Icons** to change icon styles.

Font

Change font

Change font to show off your style and avoid monotony.

How to use

Go to **Settings** > **Home screen, Lock screen & style** > **Font**, select your preferred font, adjust the size and weight, and tap **Apply.**

You can also open **Theme Store**, select **Fonts**, and follow the prompts to select a font you like.

Change font color and size

Change the font size and color for a comfortable visual experience.

How to use

- Open **Theme Store** and select **Fonts**. Enter “Color fonts” in the search bar, then select a color font you like from the results to download and apply.
- Go to **Settings** > **Home screen, Lock screen & style** > **Font** and slide the **Font size** bar to adjust size.

You can change the font colors of third-party theme fonts. The colors of system fonts cannot be changed.

More

Changing system colors

How to use

Go to **Settings** > **Home screen, Lock screen & style** > **More** > **Colors** and select a color pattern.

Set fingerprint animation

The system provides a variety of fingerprint animations to make your fingerprint icon more appealing while unlocking the screen.

How to use

Go to **Settings** > **Home screen, Lock screen & style** > **More** > **Fingerprint animation** and select a fingerprint animation.

Turn on Edge lighting

When Edge lighting is turned on and you receive a notification, the screen will illuminate with a gentle ambient light effect in your chosen color, transitioning smoothly from dim to bright. This is a new way of receiving message notifications without the need of ringtones.

How to use

1. Go to **Settings** > **Home screen, Lock screen & style** > **More** > **Edge lighting** and choose a color.
2. You can also select **Also apply to incoming calls** to have the screen automatically light up with an ambient light effect upon receiving a call.

Display & brightness

Screen brightness and color settings

How to use

Go to **Settings** > **Display & brightness** to adjust display settings.

- **Mode**: Select **Light mode/Dark mode**, or turn on **Scheduled**, which automatically switches between Light mode and Dark mode based on the time of day.
- **Brightness**: Drag the brightness adjustment slider to adjust screen brightness, or turn on **Auto brightness** so that your phone will automatically adjust the screen brightness for current light conditions.
- **Screen color mode**: Vivid mode, Natural mode, and Pro mode are available.
- **Font and display size**: Set the font and screen display size.
- **Nature Tone Display**: This feature automatically adjusts screen color temperature in response to ambient lighting to minimize eye strain and give you a more relaxing experience.
- **Auto rotate**: This feature automatically switches between Landscape mode and Portrait mode based on the orientation of your phone.
- **Full screen for apps**: You can enable this feature for some apps to increase the display area. There are two modes available, **Hide front camera** and **Full screen display**.

Turn on Image sharpener

Is your viewing experience impacted by the fuzzy video quality? With Image sharpener, you can improve video quality with one touch for a better viewing experience.

How to use

Go to **Settings** > **Display & brightness** to turn on **Image sharpener**.

This feature is only supported on some models.

Turn on Video Color Boost

Video Color Boost utilizes the SDR-to-HDR technology to bring vibrant colors and clear shadow details to ordinary videos to enhance the visual experience.

How to use

Go to **Settings** > **Display & brightness** > **Video Color Boost** and turn on **Video Color Boost**.

This feature only works on specific models.

Turning on Eye Comfort

To alleviate eye discomfort caused by prolonged screen use, you can turn on Eye Comfort to reduce the amount of blue light emitted by your screen and prevent eye strain.

How to use

You can turn on Eye Comfort using one of the following methods:

Method 1: Turning it on in Quick Settings

1. Swipe down from the upper-right corner of the screen to open **Quick Settings**.
2. Tap to turn on Eye Comfort. Touch and hold to access the **Eye comfort & sleep** page, where you can tap **Smart** or **Custom** to complete the setting.

Method 2: Turning it on in Settings

Go to **Settings** > **Display & brightness** > **Eye comfort & sleep**, turn on **Eye Comfort**, and then tap **Smart** or **Custom** to complete the setting.

Turn on Eye comfort & sleep

After turning on Eye comfort & sleep, the phone will automatically adjust the screen color temperature to a warmer tone from sunset to sunrise to align with your body's sleep cycle and help you sleep better.

How to use

Go to **Settings** > **Display & brightness** > **Eye comfort & sleep** and turn on **Eye comfort & sleep**.

This feature only works on specific models.

Adjusting screen resolution

Your display looks different when you change your screen resolution. The higher the resolution, the sharper the display quality. The display quality degrades when you lower the resolution, but the system consumes less power, resulting in longer battery life.

How to use

1. Go to **Settings** > **Display & brightness** > **Screen resolution**.
2. Choose a screen resolution.

This feature only works on specific models.

Adjusting screen refresh rate

Your display looks and responds differently when you change your screen refresh rate. A higher refresh rate gives you a smoother image quality and control. This makes for a better gaming experience, but higher refresh rates drain the battery faster. A standard refresh rate is more than capable of handling your everyday use with a better battery life performance.

How to use

1. Go to **Settings** > **Display & brightness** > **Screen refresh rate**. You can choose **Auto select**, **Standard**, or **High**.
2. If you want a higher fresh rate, choose **High**, tap **App-specific refresh rate** and customize refresh rates (60 Hz, 90 Hz, or 120 Hz) for individual apps.

This feature may vary by model and version.

Sounds and vibration

Set sounds and vibration

You can adjust the volume of call ringtones, message alerts, multimedia, and alarms to ensure that the sounds are neither uncomfortably loud nor too low to hear.

How to use

Go to **Settings** > **Sound & vibration** to adjust the volume levels for media, ringtones, notifications, and alarms.

- Turn on **Do Not Disturb** to silence all notifications except for alarms, timers, and events.
- If you turn on **Vibrate on ring**, your phone will vibrate and the screen will light up when you receive a call or message.
- Tap **Vibration intensity** to adjust the vibration level for calls, alarms, and notifications.

Changing the ringtone

The phone typically uses the system's default ringtone as the alert for new messages. However, you can change it to a more recognizable tone.

How to use

Go to **Settings** > **Sounds & vibration** and set up your preferred **Ringtone**, **Message tone**, and **Notification tone**.

You can use locally stored music, system ringtones, or those offered by the Theme Store.

In some system versions, we have added "Aquamorphic themes" to provide you with a series of soothing, natural ringtones.

Set up haptics

The system now features O-Haptics, bringing brand-new tactile experience with delicate and rich sensations through replicating real-world physical sensations.

How to use

1. Go to **Settings** > **Sound & vibration** > **Haptics** and turn on **System haptics**. You will feel haptic feedback when performing actions such as touch and hold, tap, or swipe.
2. You can also adjust **Haptic intensity** by dragging the slider.

This feature only works on specific models.

Adjusting the volume for individual apps

With App-specific volume, you can easily customize the volume for individual apps.

How to use

1. Go to **Settings** > **Sound & vibration** > **App-specific volume**, and turn on App-specific volume.
2. When you play media in an app, you can press a volume button to show the volume controls, tap the App volume icon at the bottom, then adjust the volume for individual apps.

Holo Audio

When multiple audio streams are playing, Holo Audio allows you to customize the spatial location of each audio stream using Spatial Audio technology. This delivers a new listening experience where independently controllable audio streams play in parallel without interfering each other and you can easily distinguish between them.

Turn on Holo Audio to listen to your favorite tunes while gaming, or catch an episode of your favorite show while chatting with your friend over the phone.

How to use

1. Go to **Settings** > **Sounds & vibration** > **Holo Audio** and turn on **Holo Audio**.
2. You can select the **Auto** or **Custom** mode.
   - Auto: In this mode, the best spatial location is automatically allocated to each audio stream.
   - Custom: You can tap an audio stream to customize its spatial location.

This feature only works on specific models.

In-ear monitoring

In-ear monitoring uses headphone hardware and mobile phone software to provide low-latency and advanced reverberation effects. After this feature is turned on, you can use your headphones to hear how your singing and music effects sound in real time.

How to use

1. Go to **Settings** > **Sounds & vibration** > **Additional settings** > **In-ear monitoring**.
2. Turn on **In-ear monitoring** for supported apps.
3. If your headphones are connected to the device when launching an app, an **In-ear monitoring** floating window will appear. There, you can adjust settings such as the in-ear monitoring volume, reverberation, voice changer, and equalizer.
4. If you want to record with effects such as reverberation and changed voice, you can turn on **Keep in-ear monitoring the same as recording**.

Once you have turned on In-ear monitoring on your phone, please don't forget to turn off in-ear monitoring provided by other apps or external devices to ensure there are no conflicts with this function.

OReality Audio

OReality Audio offers you a more immersive 3D audio-visual experience. This feature is enabled by default in Speaker mode. You can choose to disable it while using headphones.

In addition to the Smart mode, OReality Audio is also optimized for movies, games, and music. You can choose the mode that suits you best based on the intended use.

How to use

Go to **Settings** > **Sound & vibration** > **OReality Audio** and select the scene/sound profile that suits you.

This feature only works on specific models.

Setting tones

How to use

Go to **Settings** > **Sounds & vibration** > **More sounds** to turn on or off system sounds as needed.

When you connect your phone to the charger, the phone will beep. However, if you put your phone in Silent or Do Not Disturb mode, the phone will not beep.

Do Not Disturb

Turning Do Not Disturb on or off

You can turn on Do Not Disturb mode if you don't want incoming calls or messages to interrupt your work or breaks. In this mode, incoming calls and messages will be muted and there won't be any banner notifications.

How to use

1. Swipe down from the upper-right corner of the screen to open **Quick Settings**.
2. Tap to light up the icon, meaning that Do Not Disturb is on. Tap and hold to set the duration during which you do not want to be disturbed.
3. When Do Not Disturb is on, in the status bar you will see . In addition, supported notifications will appear in the pull-down notification drawer and on Lock screen.

Setting up Do Not Disturb at scheduled times

How to use

1. Go to **Settings** > **Sound & vibration** > **Do Not Disturb** > **Do Not Disturb at scheduled times**.
2. Tap **Sleep** and specify the period of time during which you do not want to be disturbed and the recurrence period.

3. You can also tap + to specify the time periods during which you do not want to be disturbed.

Calls and messages in Do Not Disturb mode

You can allow calls and messages from specific contacts when Do Not Disturb is on so you don't miss anything important.

How to use

Go to **Settings** > **Sound & vibration** > **Do Not Disturb** and turn on **Do Not Disturb**. If necessary, continue to tap **Schedules** to set the times during which you do not want to be disturbed.

- Tap **Calls and messages** and specify which contacts you want to allow calls and messages from. Ringtones and alerts for the calls and messages from these contacts will sound normally when Do Not Disturb is on.
- Tap **Apps** and select the apps from which you want to receive notifications when Do Not Disturb is on.

Status bar

Setting up the status bar

The location on the top of your screen is the status bar, where network information, carrier information, time, battery level, and more are displayed. In Settings, you can set icons that you want to display in the status bar.

How to use

1. Go to **Settings** > **Notifications & Quick Settings** > **Status bar**.
2. Set the **Notification icons**, **Battery style**, and **Battery percentage** according to your preferences.
3. In **Status Bar icons**, turn on **Real-time network speed** to display the real-time speed of your network in the status bar. If you select other features, such as **Bluetooth**, the corresponding icons will appear in the status bar.

Password & security

Face recognition

Use face unlock for App Lock and Hide Apps

You can use facial data for more purposes, such as unlocking App Lock, accessing Private Safe, and verifying installations and SMS chargebacks.

How to use

1. Go to **Settings** > **Security & privacy** > **Device unlock** > **Face & Fingerprint Unlock** > **Face** and enter your Lock screen password.
2. Turn on **App Lock** or **Hide Apps** as needed and follow the prompts to set or enter the privacy password.

Fingerprints

Use fingerprint to access App Lock and Hide Apps

You can use your fingerprint to access App Lock and Private Safe.

How to use

1. Go to **Settings** > **Security & privacy** > **Device unlock** > **Face & Fingerprint Unlock** > **Fingerprint** and enter your Lock screen password.
2. Turn on **App Lock** and **Hide Apps** as needed.

Turning on Smart Lock

Safety and emergency

Emergency SOS

As a phone manufacturer, we are highly concerned about your personal security. In the event of a serious or life-threatening emergency, this feature will allow you to send messages for help even when the screen is off.

How to use

Go to **Settings** > **Safety & emergency** and accept the terms of service to turn on this feature.

- In the event of an emergency, press and hold the Power button to enter the power off page, where you can select Emergency SOS.
- In the event of an emergency, swipe up on the Lock screen to enter the emergency call page.

Set emergency contacts

There are three emergency numbers by default: 110 (police), 119 (fire) and 120 (emergency medical).

You can also add emergency contacts (up to three) and send them SOS messages that include your information such as location in the event of an emergency.

How to use

Go to **Settings** > **Safety & emergency** > **Emergency contacts** to add an emergency contact.

Battery

Optimized charging

Optimized charging is a feature designed to protect your battery. It intelligently learns from your daily charging routine and adjusts the charging speed to slow down the battery aging process.

If you charge your phone at night with this feature turned on, your battery will stop charging when it reaches 80% and resume charging to 100% before you get up. This helps extend your phone's battery lifespan.

How to use

Go to **Settings** > **Battery** > **Battery health** and turn on **Optimized charging**.

This feature may vary by model and version.

Reverse wireless charging

By turning on Reverse wireless charging, you can use your phone to wirelessly charge other supported devices (such as phones, tablets, watches, and bands).

How to use

Go to **Settings** > **Battery** > **Charging settings** > **Reverse wireless charging** and turn on **Reverse wireless charging**. Place a supported device on the back of your phone to start charging it.

- When the battery of your phone is below 25%, you will not be able to use the Reverse wireless charging feature.
- This feature only works on specific models.

Turn on Power saving mode

When the battery is low and cannot be charged in time, you can turn on Power saving mode to reduce power consumption and extend battery life.

How to use

1. Go to **Settings** > **Battery** and select **Power saving mode**.
2. Tap **Power saving settings** to:
   - Turn on **Automatically exit Power saving mode** to automatically exit Power saving mode when the battery is charged to 50% or full.
   - Turn on **Automatically enter Power saving mode** to automatically enter Power saving mode when the set battery level is reached.

After entering Power saving mode, the battery icon in the upper-right corner will become yellow. Turn off this feature to restore the icon color.

Turn on Super power saving mode

Super power saving mode maximizes your phone's standby time through restricting app usage and applying more stringent background cleanup strategies.

When the battery level of your phone is only 10% or 5%, a pop-up window will show up to remind you to turn on Super power saving mode. You can also turn on Super power saving mode manually in Settings.

How to use

1. Go to **Settings** > **Battery** and turn on **Super power saving mode**.
2. When your phone enter Super power saving mode, you can only use a handful of basic apps such as Phone and Messages. Tap or touch and hold an app to enter edit mode and remove the app. Tap + to add an app.
3. To exit Super power saving mode, tap Exit in the upper-left corner.

Turn on High performance mode

When playing demanding games, you can turn on High performance mode to ensure your system maintains peak performance.

How to use

Go to **Settings** > **Battery** and select **High performance mode**.

⚠ High performance mode may increase power consumption and cause heat; do not turn on this feature unless necessary.

View and manage power-consuming apps

How to use

Go to **Settings** > **Battery** to view battery usage.

- Under **Battery usage**, you can check your battery usage over **Last 24 hours** or **Last 7 days**.
- Under **Battery usage by app**, you can view the battery usage of each app.

Sleep standby optimization

Turning on Sleep standby optimization will switch your phone to a low-power state while you are sleeping. This reduces the frequency of push notifications and extends your battery life.

How to use

Go to **Settings** > **Battery** > **Power saving** and turn on **Sleep standby optimization**.

Turning on Video battery saver

When you use video apps (such as TikTok) for extended periods, you can turn on the Video battery saver feature to optimize battery usage for longer battery life.

How to use

Go to **Settings** > **Battery** > **Power saving settings** > **Video battery saver** and turn on **Video battery saver**.

This feature only works on specific models.

Digital Wellbeing & family care

Kids mode

Using Kids mode to help children grow

Kids mode is a dedicated space for children. It provides the following services:

- **Dedicated Home screen**

  Add child-friendly apps to create a digital space your child will love.

- **Healthy screen time habits**

  Set screen time limits for your child to prevent device overuse.

- **Eyesight protection**

  Monitor your child's sitting position and distance from the screen to help them use electronic devices appropriately and keep nearsightedness at bay.

How to use

Go to **Settings** > **Special features** > **Kids mode** and follow the prompts, then you can choose the allowed apps, limit the screen time, and set the network and Eye Comfort to complete the setup of Kids mode.

Parental controls in Kids mode

Parental controls can keep their kids from being addicted to mobile games or other inappropriate apps that could negatively impact their schoolwork and social lives by setting stringent limits on their phone usage and screen time with the **Parental controls** feature.

How to use

1. In Kids mode, tap ⋮ > **Parental controls** in the upper-right corner, verify the Lock screen password, and then enter the Parental controls page.
2. You can turn on or off Wi-Fi and mobile network for Kid mode.
3. Tap **Added apps** to set apps that you allow your kids to access.
4. Tap **Time limit** to select a time period. When the allowed time expires, Kids mode will automatically be exited and the screen will be locked.
5. Tap **Eyesight protection** to detect the ambient light, the kid's sitting posture, and distance, and send reminders if the kid is not sitting correctly. You can also turn on **Eye-protecting display** to filter blue light.

You can also turn on **Create Home screen shortcut**, so you can find the app quickly.

Turning on Zen Space

Zen Space helps you stay focused by limiting the use of apps and minimizing distractions from notifications.

In Zen Space, you can enter the default Zen spaces or create new spaces.

Deep Zen: You can only use your phone to take photos or receive calls and make emergency calls. Deep Zen cannot be exited once started.

Light Zen: You can still use selected apps and you can exit Light Zen anytime you like. You can also set up Light Zen spaces for work, study, or other activities.

How to use

1. Go to **Zen Space** and tap a space to customize its space name, duration, allowed apps, and wallpaper and background sounds.
2. Tap **Start** to enter the selected space.

Additional features

Accessibility

Accessibility features

You can set a shortcut that opens a large onscreen menu of common accessibility features for controlling your phone. From the menu, you can lock your screen, adjust the volume and brightness, take screenshots, and more.

How to use

Go to **Settings** > **Accessibility & convenience** > **Accessibility** > **Accessibility Menu** and turn on **Shortcut**. Then you will see a green icon in the lower-right part of your screen. Tap the icon to use various functions.

Ending calls with Power button

Turn on **Press Power button to end calls** so you can quickly end a call by pressing the Power button.

How to use

Go to **Settings** > **Accessibility & convenience** > **Accessibility** > **Press Power button to end calls** and turn on this feature.

When you have an incoming call, whether Press Power button to end calls is turned on or not, you can decline the call by pressing the Power button twice. Pressing it once will mute the call or disable the vibration.

TalkBack

TalkBack can read the content in the screen to help people who are blind or have low vision use their phones.

How to use

1. Go to **Settings** > **Accessibility & convenience** > **Accessibility** > **Vision** and turn on **TalkBack**.
2. Once this feature is on, you can operate your phone with the following gestures:
   - Swipe right or left to switch between browser pages.
   - Double-tap an item to activate it.
   - Swipe with two fingers to scroll.
3. Tap in the upper-right corner to customize TalkBack settings, such as text-to-speech settings, verbosity, gestures, and more.
4. To turn off TalkBack, press and hold the Volume Up and Down buttons at the same time for at least 3 seconds.

Select to Speak

After turning on Select to Speak, you can tap text selected on the screen to have it read to you.

How to use

Go to **Settings** > **Accessibility & convenience** > **Accessibility** > **Vision** > **Select to Speak** and turn on **Select to Speak**. Select text and tap the Play button to hear the text read aloud.

Using Color correction to adjust how colors are displayed

If you have difficulties telling colors apart, you can use Color correction to adjust the set of colors on your screen.

How to use

1. Tap **Settings** > **Accessibility & convenience** > **Accessibility** > **Vision** > **Color vision enhancement** and turn on **Color correction**.
2. Choose an option that works best for you from **Red-green**, **Blue-yellow**, and **Grayscale**.

This feature may vary by model and version.

Magnification

By turning on Magnification, you can quickly zoom in on the screen so that the content can be displayed more clearly.

How to use

1. Go to **Settings** > **Accessibility & convenience** > **Accessibility** > **Vision** > **Magnification**, turn on **Shortcut**, and choose one of these shortcuts:
   - Accessibility button: Tap the Accessibility button on the screen.
   - Hold volume buttons: Press and hold both volume buttons for 3 seconds.

- Triple-tap screen: Tap the screen 3 times in quick succession.

2. Tap **Magnification type** and choose how to magnify.
3. On the page that needs to be magnified, use the selected shortcut to activate Magnification. Drag with two fingers to move the magnification window. Pinch with two fingers to adjust zoom.
4. To stop magnification, use the shortcut again.

Color inversion

Color inversion inverts colors on your screen. For example, black text on a white screen becomes white text against a black background. Colors in images and videos will also be inverted.

How to use

1. Go to **Settings** > **Accessibility & convenience** > **Accessibility** > **Vision** > **Color inversion** and turn on **Color inversion**.
2. Turn on **Shortcut**. Follow the onscreen prompts to assign the volume buttons or the Accessibility button as a shortcut to turn on this feature.

High contrast text

Turning on High contrast text will change the text color to black or white, making the text displayed on the device easier to read.

How to use

Go to **Settings** > **Accessibility & convenience** > **Accessibility** > **Vision** and turn on **High contrast text**.

Accessibility interaction features

People with motor impairments can improve the efficiency of their phone use by using accessibility interaction features.

Accessibility interaction features allow you to control your phone or tablet using one or more switches. Use switches to select items, scroll, enter text, and more.

How to use

Go to **Settings** > **Accessibility & convenience** > **Accessibility** > **Interaction** and follow the prompts to set touch delay, switch control, response time, and other features based on your needs.

Gestures & motions

Gestures & motions

After Gestures & motions is turned on, you can operate your phone without turning on the screen. For example, you can answer a phone call by bringing it up to your ear.

How to use

Go to **Settings** > **Additional settings** > **Gestures & motions**.

- Turn on **Raise to wake** to automatically wake the screen when you lift your phone.
- Turn on **Lift to ear to answer calls** to automatically answer calls when you lift your phone to your ear.
- Turn on **Auto switch to receiver** to automatically switch the audio from the speaker to the receiver when you hold your phone near your ear during calls.

- Turn on **Flip to mute incoming calls** to mute an incoming call when you flip your phone.
- Enable **Turn on/off flashlight with volume button** so you can press and hold the Volume Down button to turn the flashlight on or off while the screen is off. This function does not work when media is playing.

Air gestures

Use Air gestures to control your phone without touching it when your hands are busy. You can wave to answer phone calls, watch short videos, and more.

How to use

1. Go to **Settings** > **Additional settings** > **Gestures & motions** and turn on **Air gestures**.
2. With Air gestures, you can answer phone calls and scroll pages. To scroll up/down the screen in an app, you need to turn on this feature for the app.

- You can learn how to use Air gestures on the **Air gestures** page.
- This feature requires hardware support and is only available on some models.

Screen-off gestures

When the screen is off, you don't need to unlock it for certain common actions. Instead, you can use specific gestures to execute commands.

How to use

1. Go to **Settings** > **Accessibility & convenience** > **Gestures & motions** > **Screen-off gestures** and turn on **Screen-off gestures**.
2. After you turn on the screen-off gestures feature, you can select the gesture that you want to enable:
   - Turn on **Double tap to turn on/off screen** to easily switch to different display options.
   - Turn on **Draw an O to open camera** for quick access to the camera.
   - Turn on **Draw a V to turn flashlight on or off** to quickly adjust the flashlight.
   - Turn on **Music control** to control playback when the screen is off by using two fingers to draw "||" on the screen to pause or resume music playback, or draw "<" or ">" to play the previous or next song.
   - In **More** section, you can select the appropriate gesture as needed to turn on the **Calculator**, **Recorder,** and more. You can also tap the corresponding gesture to customize the feature it enables.

Assistive Ball

Assistive Ball for quick actions

The Assistive Ball is a translucent ball floating on the screen. You can drag it anywhere on the screen.

You can use the Assistive Ball for quick actions such as navigating between screens or taking screenshots.

How to use

1. Go to **Settings** > **Accessibility & convenience** > **Assistive Ball**.
2. Turn **Assistive Ball** on or off as needed.

You can choose to use taps or gestures to perform actions in Assistive Ball.

Gesture control for Assistive Ball

When Assistive Ball is turned on, select **Gesture operations** to enable the following actions:

How to use

- **Tap:** Go back
- **Double-tap:** Recent tasks
- **Touch and hold:** Home screen

You can customize gestures based on your frequency of use and preferences.

Each gesture corresponds only to one action.

Customizing the Assistive Ball

You can make the following customizations to the Assistive Ball:

- Drag the Assistive Ball to move it around
- Adjust its opacity
- Set the Assistive Ball to automatically hide itself in full screen mode

When the Assistive Ball is hidden, swipe down from the top of the screen to unhide it.

Using the Assistive Ball menu

When Assistive Ball is turned on, select **Tap menu**. Tapping the Assistive Ball will display 5 buttons for the following actions:

- Go back
- Take a screenshot
- Recent tasks
- Lock screen
- Home screen

On the Assistive Ball settings page, you can tap a button in the Menu section and change its action on the **Custom menu** screen that appears.

Quick Launch

Opening apps with fingerprint unlock

With Quick Launch turned on, you can quickly open Camera, Clock, Calculator, and other tools or apps by swiping when unlocking your phone with fingerprint.

How to use

1. Go to **Settings** > **Security & privacy** > **Face & Fingerprint Unlock** > **Fingerprint** > **Quick Launch** to turn on **Quick Launch**.
2. You can view apps that are currently supported by Quick Launch, or tap **Edit** to choose which apps can be opened in this way.
3. Once you have completed the editing, tap ✓ in the upper-right corner.

4. When the screen is locked, touch and hold the fingerprint sensor on the screen until an icon menu appears, then swipe your finger to the target icon to open the app or tool.

This feature only works on specific models.

Pocket mistouch prevention

Accidental screen touches can occur when your phone is in your pocket or backpack. To prevent such unintended operations, you can turn on Pocket mistouch prevention.

How to use

Go to **Settings** > **Home screen & Lock screen** and turn on **Pocket mistouch prevention**.

This feature only works on specific models.

Turning on One-handed mode

One-handed mode allows you to more easily interact with the upper part of the screen. You can pull down app icons to open apps with just one hand.

How to use

Go to **Settings** > **Accessibility & convenience** > **One-handed mode** to turn on **One-handed mode**.

Go to **Settings** > **Additional settings** > **One-handed mode** to turn on **One-handed mode**.

To enter One-handed mode, swipe down at the bottom of the screen. To exit, swipe up or tap the blank area at the top of the screen.

This feature is only available on the cover screen and when Gestures is set as the system navigation method.

Go to **Settings** > **Home screen & Lock screen** > **Icon pull-down gesture**, and make sure that **Icon pull-down gesture** has been turned on.

Using Simple mode to make your phone simpler

Simple mode makes your phone easier to use by making text and icons larger and simplifying the Home screen.

How to use

Go to **Settings** > **Accessibility & convenience** > **Simple mode** to enter Simple mode.

- In Simple mode, the Phone user guide widget is added to the Home screen by default, which comprises Phone user guide, Remote access, Customer service hotline, and Nearby service locations.
- In Simple mode, go to **Settings** and tap **Exit Simple mode** to return to the standard mode.

This feature only works on specific models.

Power-on/off or restart

Turning on and off or restarting your phone

How to use

Go to **Settings** > **Additional settings** > **Power Button** > **Press and hold the power button**, you can choose to bring up the **Power Menu** or activate the **Voice Assistant** by pressing and holding the Power button.

If you select the Power Menu option, you can press and hold the power button until the Power Menu pops up, and tap **Power off** or **Restart**.

If your phone doesn't work and won't turn off normally, you can force start it by pressing and holding the Power and Volume Up buttons for more than 10 seconds.

Go to **Settings** > **Security & Privacy** > **More security & privacy** > **Require password to power off**. You will then need to enter your Lock screen password whenever you power off your phone.

Scheduling auto power on/off

You can use the Schedule power on/off feature to power your phone on and off at set times to save power and prevent interruptions while resting.

How to use

Go to **Settings** > **Accessibility & convenience** > **Schedule power on/off** to set a power on and off schedule.

Your phone will automatically power on and off at the specified times.

System & update

Setting language and region

How to use

1. Go to **Settings** > **System & update** > **Language & region** and view the languages and regions supported by the system.
2. Tap **Edit** to manage languages. Tap ⊕ on the right side to add the languages you want to use. When adding a language, you can set it as the **default language**.
3. On the list of added languages, drag a language to the top to set it as your system's default language. If an app or website does not support this language, the next supported language from the list will be used instead.
4. Tap **Region** to choose a region.

Setting date and time

Time and dates displayed on your phone are network-synchronized and can be altered manually if necessary.

How to use

Go to **Settings** > **System & update** > **Date & time** and set up the date and time on your phone.

- Tap **Time format** to choose a time format, either 12-hour clock or 24-hour clock, based on your use preference.
- Turn on **Set time automatically** and **Set time zone automatically**. If there is an error, you can turn off these features and set time manually.
- Tap **Dual clock** to set one more clock of another time zone.

Back up and reset

Resetting your phone

You can choose to reset network settings, reset all settings, erase contacts and call logs stored on your phone (contacts stored on the SIM card will be retained), erase SMS and MMS messages stored on your phone (SMS messages stored on the SIM card will be retained), or erase all data.

How to use

1. Go to **Settings** > **System & update** > **Back up & reset** > **Reset phone**.
2. On the **Reset phone** page, follow the onscreen instructions to reset settings or erase data as needed, and enter your Lock screen password when prompted.
3. If you tap **Erase all data**, your phone will be reset to its factory settings and all your data will be cleared. Please act with caution.

Back up and restore local data

Back up local data

You can back up your phone's data to internal storage to prevent loss or accidental deletion. It is recommended that you only back up data that takes up less storage space.

How to use

Go to **Settings** > **System & update** > **Back up & reset** > **Back up & migrate** > **Local backup**, tap **New backup**, and follow the on-screen prompts to back up local data.

Restore local data

If you have created a local data backup, you can restore the data to a specific backup time point.

How to use

Go to **Settings** > **System & update** > **Back up & reset** > **Back up & migrate** > **Local backup**, select the backup you want to restore, and tap **Start**.

About device

Update

Auto-update the system overnight

After the Auto update overnight feature is turned on, your phone will automatically update between 2:00 AM to 5:00 AM.

How to use

1. Go to **Settings** > **About device**, and tap the Official version widget.
2. Tap ⋮ > **Auto update** in the upper-right corner, and turn on **Auto update overnight**.

This function is not available for major software updates. You will need to update manually.

Updating your phone system online

System updates can fix some known issues, improve system performance and stability, and introduce some new features. It is recommended that you perform updates in a timely manner.

How to use

1. Go to **Settings** > **About device**.
2. Tap the version number at the top to check for updates and download it if any update is available.

- It is recommended that you use Wi-Fi to download the update. During the update, do not touch the Power button or perform any other operations. Please wait for the update to complete.
- It is normal for your phone to heat up slightly during the update. Once the update is complete, your phone will quickly cool back down.

Viewing device information

You can view your device name and its configuration data, including its system version, Android version, Processor, RAM, Storage, Version number, Baseband version, Kernel version, and more.

How to use

1. Go to **Settings** > **About device**, and tap the system version widget at the top, so you can view the current version information and check for updates.
2. Tap **Status** to check the phone's IP address, SIM card status, and more.

RAM expansion

When your phone is running low on RAM, you can turn on RAM expansion and turn part of the storage space into RAM to improve system performance.

How to use

Go to **Settings** > **About device** > **RAM** > **RAM expansion** and select the size of RAM expansion. The settings will take effect after you restart your device.

Users & Accounts

Sharing your phone with multiple users

Often, when multiple users share a mobile phone, things can get messy quickly.

And if you lend your phone to someone, you may be worried about your privacy.

Now, you can turn on Multiple users to avoid these problems and provide separate storage space for each user.

Creating users

You can share your phone with other users by adding new users to your device.

How to use

1. Go to **Settings** > **Users & accounts** > **Multiple users**, and tap **Add user** > **Add**.

2. Enter a username, and tap the ✓ in the upper-right corner. Wait a moment, and tap the newly created username in the user list.

3. Tap **Enter** > **Switch**, and complete the setup process by following the prompts.

You can add 3 regular users and 1 guest.

Switching between multiple users

When Multiple users is turned on, you can quickly switch accounts in Quick Setting.

How to use

1. When **Multiple users** is turned on, swipe down from the status bar to open the **Quick Settings**, and swipe down again to fully expand it. Tap in the upper-right corner to enter the **Multiple users** interface.
2. Select the icon of the user that you would like to switch to, and tap **Switch**.

You can add a maximum of 4 users.

Managing user permissions

When the **Multiple users** function is turned on, the device owner can manage the permissions of other users.

How to use

1. Go to **Settings** > **Users & accounts**, and select the accounts that you want to manage.
2. Turn on or off **Allow calls and messages** to change the permission.

Deleting a user

You can use your device owner account to delete accounts that are no longer needed.

How to use

1. Go to **Settings** > **Users & accounts** > **Multiple users**, and select the accounts that you want to delete.
2. Tap **Delete user**. The users will be deleted after double confirmation.

When deleting users, their data will also be deleted. Please back up the data in advance.

OS version is constantly updated and functions may vary across different models and versions. This manual is provided for reference only and does not constitute any warranty. Please refer to your actual device for its final functions and features.