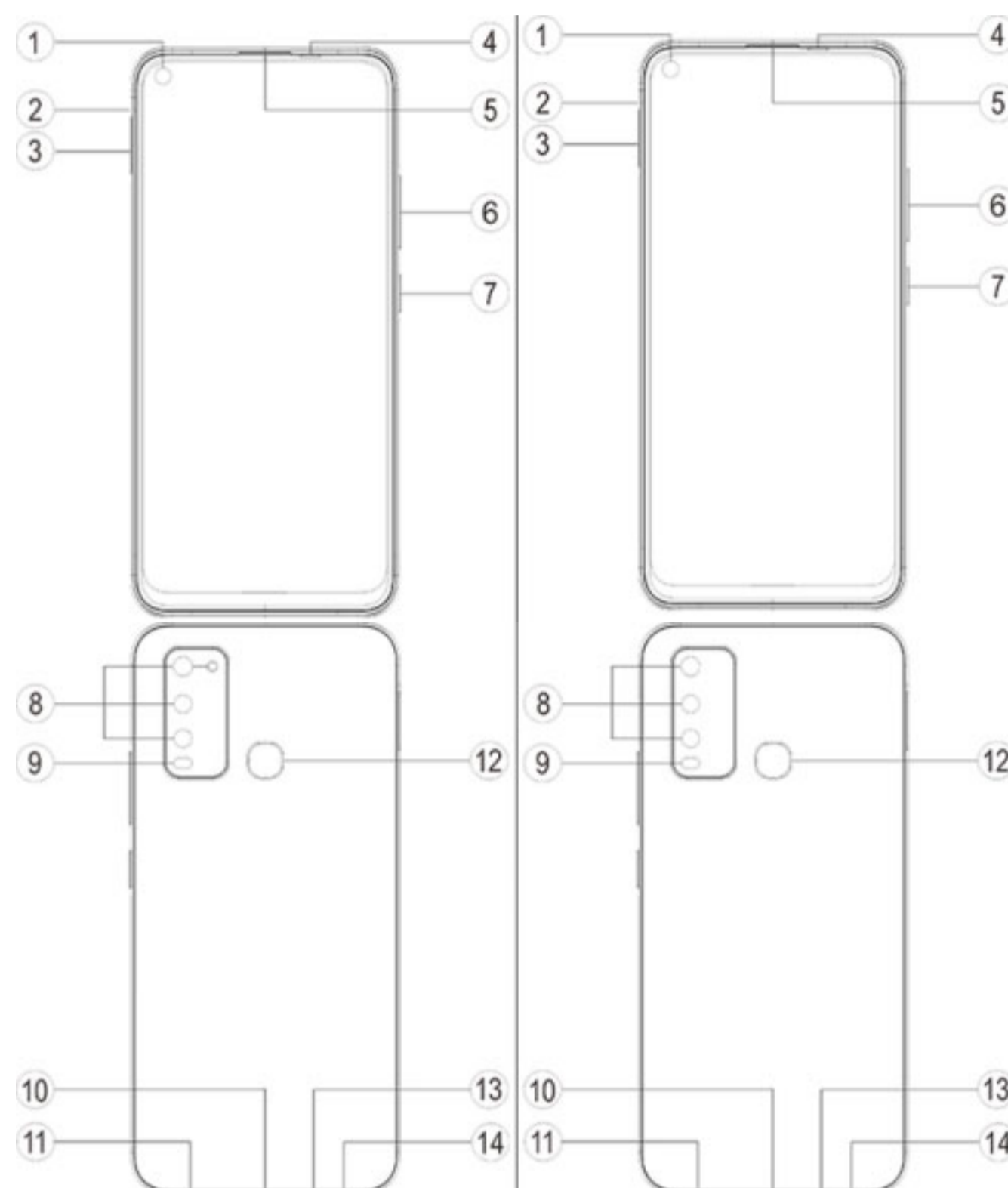


# Overview and Quick Start

## Introduction to phone exterior



### Note

There may be some differences depending on your phone model. The pictures used in these instructions are for reference only. Please refer to the actual product in use.

**1.Front camera; 2.Pin port; 3.Card tray; 4.Ambient light sensor & Proximity sensor; 5.Receiver; 6.Volume button; 7.Power button; 8.Rear camera; 9.Rear flash; 10.USB port; 11.Speaker; 12.Fingerprint sensor; 13.Microphone; 14.Earphone jack.**

## Introduction to keys and widgets

**Ambient light sensor:** Automatically detect the intensity of the ambient light, and adjust the brightness of the screen with the ambient light.

**Proximity sensor:** When making phone calls, this sensor automatically detects the distance between you and your phone. If you're too close to your phone, it will switch off your screen to avoid unintentional triggering of certain functions. The sensor is inactive in headset and handsfree mode. It is normal for the light at the top of the screen to flash briefly when dialing or calling. This indicates the screen's infrared is working.

**Volume buttons:** You can adjust the volume using the volume button.

**Front camera/Triple rear cameras:** You can take photos and record videos.

**Receiver:** You can hear the caller through the receiver when on the phone.

**Power button:** Long press the Power button in power off mode to turn on the mobile phone. Long press the button in boot mode to turn off the phone or reboot the phone.

### Note



When the phone can not be used normally, simultaneously long press [**Power button**] and [**Volume button -**] more than 10 seconds to force the device to restart .

**Fingerprint sensor:** The button has the fingerprint recognition function, which can be used to unlock the phone instead of the password.

**Card tray:** Install/Remove the cards.

**Pin port:** Insert the pin into the pin jack on the side body, and press it inwards to eject the card tray.

**Microphone:** Transfer sound when you make calls.

**Rear flash:** Flashlight source.

**Speaker:** Playing sound.

**USB port:** You can connect your phone to other devices such as a charger or computer using a data cable.

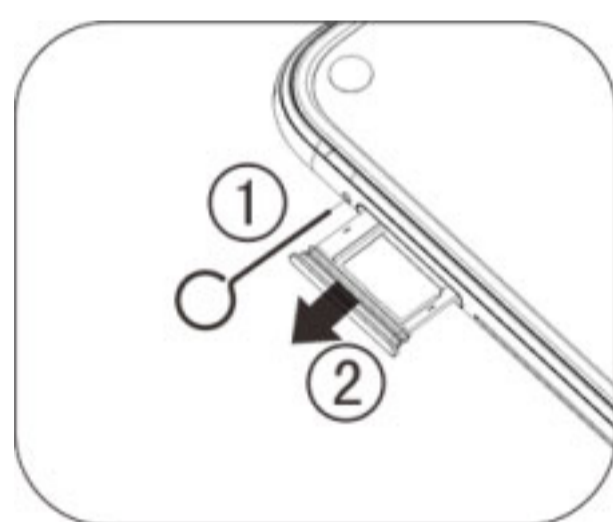
**Earphone jack:** You can connect headphones to your phone using the headphone jack.

## Installation and Preparation

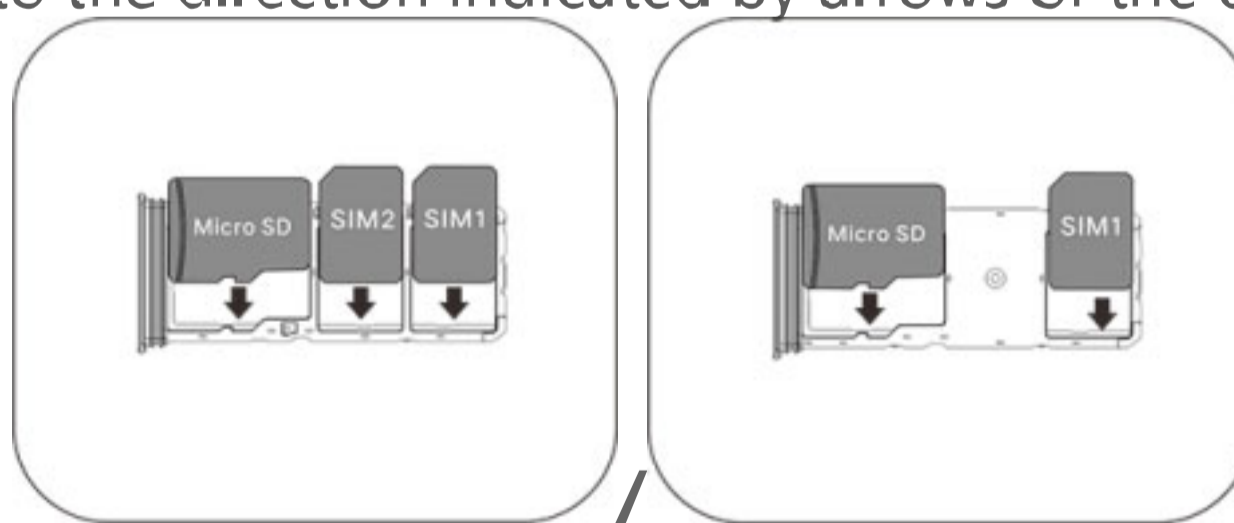
### Procedure for installing SIM / SD card

This phone supports hot swapping of Nano card (SIM1/SIM2)/Micro SD card. When the phone is on, it can automatically recognize a Nano card (SIM1/SIM2)/Micro SD card when you plug the card in. This phone supports Nano card (SIM1/SIM2)/Micro SD.

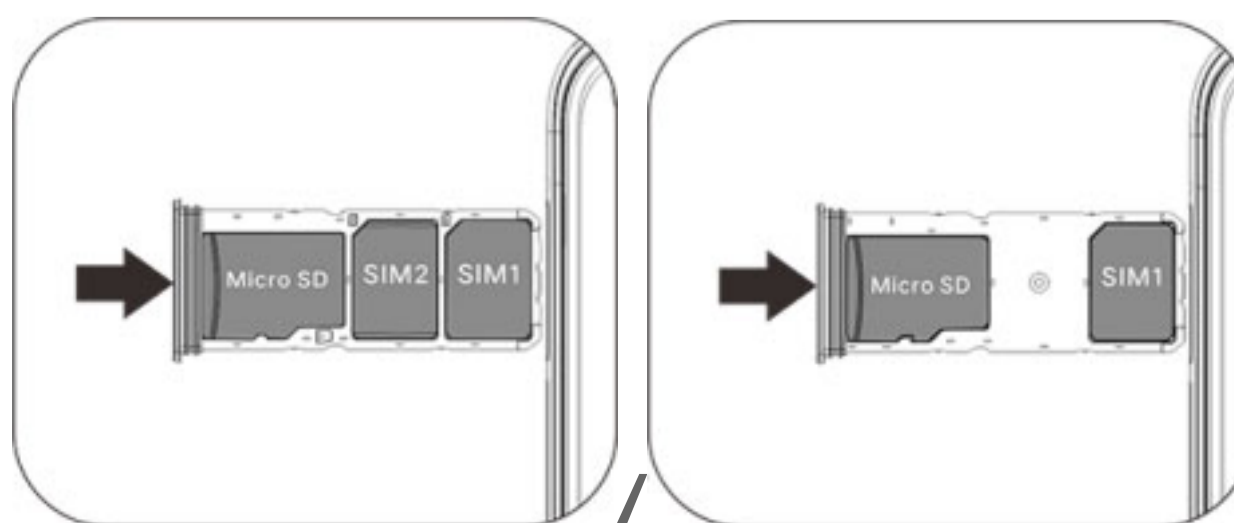
1. Insert the pin into the SIM pin port on the side body, and press it inwards to eject the SIM card tray; Remove the card tray.



2. Make the metal face of the Nano card (SIM1/SIM2) or Micro SD card face downward, with the oblique angle corresponding to that of card tray. Put the Nano card (SIM1/SIM2) or Micro SD card into the card slot according to the direction indicated by arrows of the diagram.



3. Touch screen facing up, follow the direction of the arrow to install the tray (with Nano card or Micro SD) into the phone.



## ⚠️Note

1. Due to different needs across countries, some phones may be single or dual SIM. The instructions do not cover every difference between models.
2. The back cover is not removable, so as not to damage the machine.
3. Put SIM/SD card into card tray, then mount card tray into the phone. It is forbidden to insert SIM/SD card to the phone directly.
4. You are suggested not to cut your SIM card by yourself. If the Nano card (SIM1/SIM2) does not match, please go to the carrier to change a standard Nano card.
5. The phone uses a "Dual card dual standby single-pass" design, which means the two cards in the phone cannot be used at the same time for voice service nor data connection service. When one of the two cards is in voice communication, the other card cannot be used to answer any calls. If there is an incoming call to the other card, the caller may hear messages such as "The number you called is not at service", "The subscriber you dialed can not be connected for the moment, please redial later". When one of the two cards is in data connection state, the other card can use the data connection service. For this reason the above phone "Dual card dual standby single-pass" design caused, regardless of the operator's network status. Single-channel is adopted because the phone uses single-chip design, which can significantly improve the battery life and energy efficiency. The user is encouraged to consult local operators to enable services like "Missed call reminder", "Incoming call reminder" and "Secretarial service" to avoid the issue of missing calls without alerts under the aforesaid conditions.

## Connect headphones

Plug the headphone plug into the headphone jack on the phone, ensuring that the headphone plug is fully inserted.

## Charge phone

Insert one end of the data cable into the USB port on the phone and the other end into the charger or a compatible device. The phone will start to charge. After charging is complete, disconnect the phone from the charger or the compatible device and remove the charger from the socket.

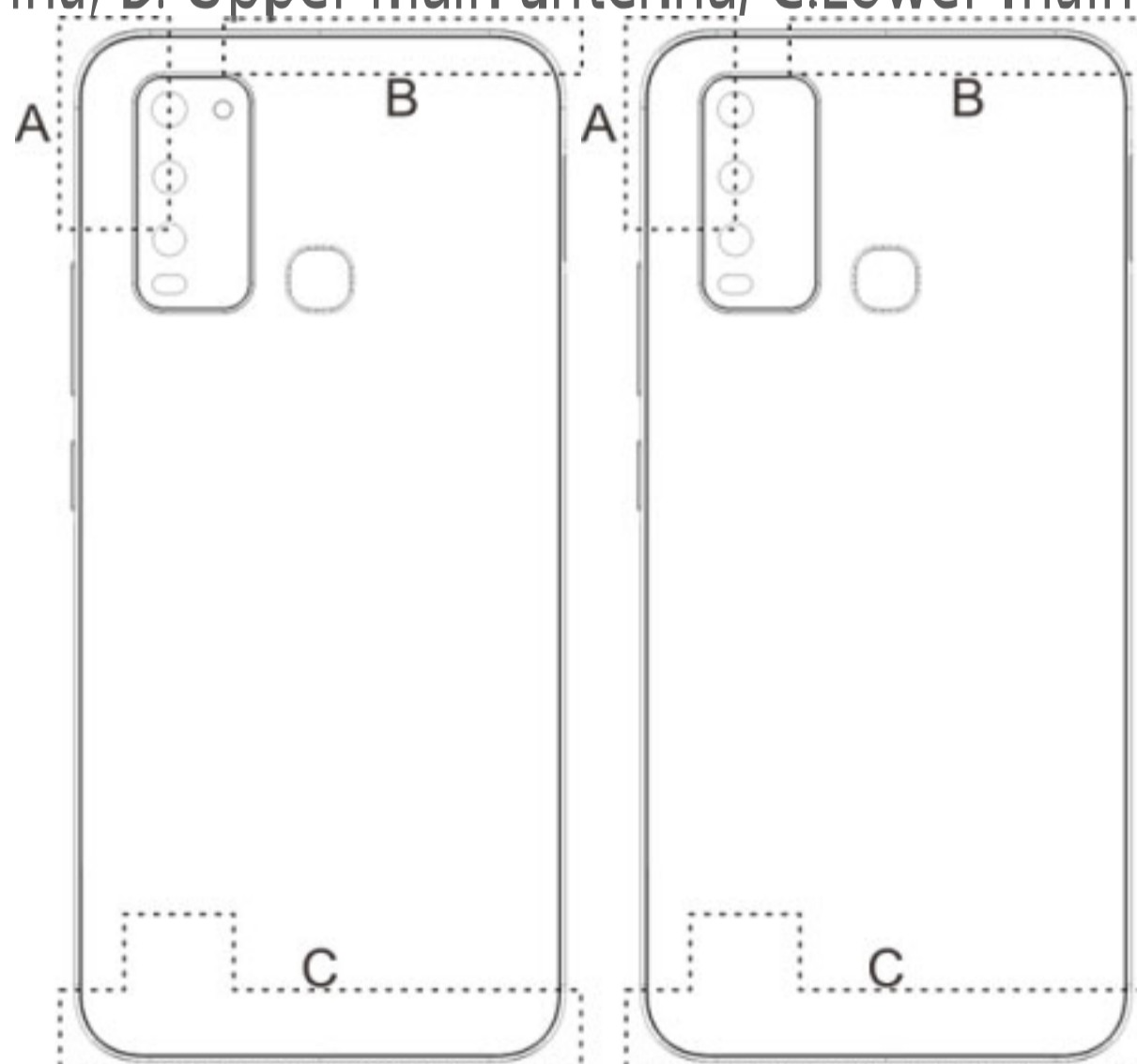
## ⚠️Note

Please use the data cable and charger that came with the phone.

## Antenna

This phone is equipped with a built-in antenna. Please do not touch the antenna when it is transmitting or receiving signals. Touching the antenna may affect communication quality, cause the phone to operate using a power level higher than needed as well as shorten the battery life. The antenna is located inside the circle marked with dotted lines. Please do not cover this area when holding the phone, as shown in the picture below:

A. GPS/Wi-Fi/Bluetooth antenna; B. Upper main antenna; C. Lower main antenna.



## ⚠️Note

The pictures used in these instructions are for reference only and may differ from your phone. Please be subject to your phone.


















## Screen lock and unlock

The phone will lock automatically after being idle for a certain time. You can set the duration of auto lock. You can also tap the [Power button] to lock the screen manually.

## Status bar icons and notifications

### Meaning of status icons

The status bar at the top of the screen provides some basic status information of the phone, including signal strength, system time, and battery power.

	Signal strength
	SIM card has no signal
	Airplane mode turned on
	Connected to Wi-Fi
<b>2G/G/E</b>	2G Network type icon*
<b>3G/H/H+</b>	3G Network type icon*
<b>4G</b>	4G Network type icon*
	Connect to Bluetooth device
	Vibration mode enabled
	Silent mode enabled
	Do not disturb mode enabled
	You have a new message
	Alarm on
	Battery power
	Charging
	Hotspot is on
	Location is on
	VPN is connected

### Note:

Network symbol is displayed to indicate current operators and network settings.

### View notifications

When you receive a new event notification, its content will be displayed on the status bar. You can slide down the status bar and tap the notification to view details.



# Shortcut Center on the home screen

You can swipe down from the top of the screen to reveal the home screen shortcut center.

In Shortcut Center, you can tap an icon to quickly turn on/off the function corresponding to that icon.

## Home screen editing

As more applications are installed, the number of your screens increases automatically. You can slide from left to right or right to left to switch between screens.

### Edit home screen layout

(1) Move: Hold down the application or widget and then drag it to the desired location. To move it to another screen, drag it to the screen.




(2) Merge: Hold down the application, drag it on top of another application and release finger. The two applications will be merged into a folder. You can continue to drag other applications to the folder.

(3) Tap the folder to expand it and then tap the folder name to rename it. You can also adjust the layout of apps in the folder.

# Settings

## Wi-Fi

### Connected Wi-Fi

You can enable or disable Wi-Fi under **Settings > Wi-Fi**. Choose a network connection after enabling Wi-Fi. If a Wi-Fi network is encrypted then   is displayed and you need to enter the password. When your phone is connected to a Wi-Fi network, the signal strength of the Wi-Fi network  will be displayed in the status bar at the top of the screen. The more bars you see, the stronger the signal. If there is no Wi-Fi network available, or you have disabled Wi-Fi, your phone will try to connect to the Internet via a cellular data network. Once your phone is connected to a Wi-Fi network, it will connect to the network automatically when in range.

### Add network

If you want to add a Wi-Fi network that is not in the list of available networks, please choose **Add network** and enter network name. You need to know the network name, password and security type before connecting to it.

### Advanced

For advanced settings on a Wi-Fi network, you can tap **Advanced**.



# Mobile network

You can set the current network usage status under **Settings > Mobile network**.

## Data network

When the cellular data connection is activated, you can use network-related applications such as Browser and Email via a data network. Your operator may impose charges on the service, please consult your operator for more details.

## SIM settings

1. **SIM1/SIM2:** You can modify the settings of SIM1/SIM2 in **Dual SIMs and Mobile Network** interface after you put to SIM cards in the phone. After startup of the device, both cards can stand by.
2. **Network Mode:** You can choose different network mode based on the type of SIM card.
3. **Data roaming:** With this feature enabled, you can connect to data service when in international roaming. Please be aware that enabling data roaming may cause considerable roaming charges.
4. **Carrier:** When you are out of range of your SIM card carriers, you can only make calls via local carriers that have roaming agreements with your SIM card carriers. You can set available carriers here. You may need to pay extra fees for the mobile services provided by these carriers.
5. **Access point name(APN):** You can set APN based on the type of you SIM card. Usually these features does not need your setting, as they are defaulted before delivery. If your SIM card has enough money loaded, then you can use these features out of box; you can connect to the Internet soon as you enabled the **Data network** feature. If you by accident have the features incorrectly set or the APN removed, all you need is simple tap **Reset to default**. Cellular data networks may vary depending on the type of SIM card. Please choose the proper APN based on the local traffic plan. Please consult the network operator for details.
6. **Edit SIM:** Tap **Edit SIM** to edit the name of SIM card.

# Other Networks and Connections

## ●Airplane mode

You must turn on Airplane mode on your phone while flying in an airplane.

To turn on Airplane mode:

- Swipe down from the top of the screen to open the Shortcut Center, and tap .
- Go to **Settings > Other networks & connections**, and turn on **Airplane mode**.

## ● Personal Hotspot

1. **Hotspot configuration:** You can manually change the default network, security and password settings (You are recommended to keep the default settings).
2. **Data limit per use:** you can set the network single data limit.
3. **Maximum connections:** you can set the number of network allowed to connect.
4. **Other sharing mode:** Share phone network via Bluetooth/Share phone network via USB, please refer to **Help** to check the specific operations.

## ●VPN

Your company's VPN allows you to securely communicate private information over a non-dedicated network. For example, you can use the VPN to access your business emails.



Tap **VPN** , enter the VPN information got from the administrator, configure the VPN file, and save the settings. You can then enter your username and password to use the VPN.

## ●Private DNS

A private DNS can protect your privacy and security while connecting to a target URL.

To turn on/off or change the private DNS settings, tap **Private DNS** and follow the on-screen instructions.

## ●Bluetooth

With Bluetooth, you can connect to other Bluetooth devices such as earphones, car kits, speakers, phones, keyboards, and mice. It also allows you to transfer files, including documents, contacts, images, music, and videos, between two mobile devices (such as phones and tablets).

## ●vivoshare

Enable vivoshare to send or receive files to/from nearby devices quickly without using data.

## ●Smart Mirroring

1. **Local file mirroring:** Play videos, images, and music from your phone on a connected device.
2. **Screen Mirroring:** Display content of your phone screen on a connected device synchronously. You can directly tap the content on your phone to proceed.

## ●OTG

On-The-Go (OTG) is a technology that allows storage devices to transfer data without requiring a host. For example, with a USB OTG cable, you can connect your digital camera to a printer and directly print photos from the camera. Use an OTG cable to connect a storage device to your phone and turn on **OTG**. You can then open File Manager to manage the images, videos, and music files on the storage device.

# Notification and status bar


Enter **Settings > Notification and status bar** interface, turn on the switch, and relevant prompts will be showed on the status bar.

# Display and Brightness

Adjust the system settings such as the screen brightness and auto-lock time.

## Adjust the screen brightness

To adjust the screen brightness:

- Swipe down from the top of the screen to open Control center, and drag the slider to adjust the screen brightness manually or tap  to enable auto-brightness.
- Go to **Settings > Display & brightness**, and drag the slider to adjust the screen brightness manually or enable **Auto-brightness** to make your phone automatically adjust the screen brightness based on the ambient light conditions.
- **Eye Protection** automatically adjusts the screen color temperature to make the screen light warmer



and softer, which can help reduce eye strain. You can turn it on immediately or at a set time as needed.

· **Dark theme** uses a solid black background, which can help reduce screen glare and extend battery life. You can turn it on immediately or at a set time as needed.

## Auto-lock screen settings

In **Auto-lock**, select a preferred duration. The screen will lock automatically after it has been idle for the selected duration.

## Font settings

**Font size:** Different font sizes are available for you to choose as needed.

**Font style:** Check the currently used font or download and use other fonts.

## App aspect ratio settings

**Full screen display of apps:** Apps that do not automatically display in full screen are listed here. To display an app in full screen mode, turn on the switch for the app.

**Display at the top of the screen:** Apps that display/do not display at the top of the screen are listed here. Tap an app to learn about the display features and select a display mode as needed.

# Home screen, lock screen and wallpaper

You can adjust the detailed settings of the phone's lock screen, home screen, and wallpaper.

## Lock screen settings

You can use the built-in lock screen styles or download new styles that you like.

## Home screen settings

You can adjust the detailed settings related to the home screen (such as Circular sliding screen and Dynamic icon).

## Theme/Wallpaper

You can use the built-in themes/wallpapers or download and use new themes/wallpapers that you like.

### **Note:**

You must enable network access on the phone before using some functions.

# Dynamic Effects

A variety of animation styles are provided under the corresponding feature. You can select and apply your favorite style.





## Sound and vibration

Set your preferred sound profile in **Settings > Sound & vibration**.


### Volume button adjustment

Use the volume buttons to adjust the media or ringtone volume as needed.

### Do Not Disturb

In **Do Not Disturb** mode, your phone will only receive notifications from important contacts and apps. You can specify which contacts or apps to allow notifications from as needed.

To turn on Do Not Disturb:

- Swipe down from the top of the screen to open Control center, and tap .
- Go to **Settings > Sound & vibration > Do Not Disturb**, and tap **Turn on manually/Scheduled turn on**.

### Custom ringtones

For example, to **Alarm ringtone**, pick a ringtone from the provided options or use an audio file on your phone as a custom ringtone. You can set other message or notification ringtones in a similar manner.

## Jovi

You can go to a function from the Jovi interface and learn the usage of each function or adjust the detailed settings of some functions to your preference.

## System navigation

**Navigation gestures:** Use gestures to quickly go back to the previous screen, go to the home screen, and switch between apps.

**Navigation keys:** Tap buttons to quickly go back to the previous screen, go to the home screen, and switch between apps. You can change the order and styles of the buttons as you like.

## Fingerprint, face and password

### Fingerprint

1. Fingerprint used for Unlock: After set up lock screen password and added a fingerprint, open **Unlock**, in the lock screen, put the finger which you entered fingerprint on the fingerprint recognizer to unlock, you can also draw the unlock pattern or enter the password to unlock.
2. Fingerprint used for Privacy and app encryption: After set up lock screen password and added a



fingerprint, open **Privacy and app encryption** by verifying password.

3. **Add a Fingerprint:** Click on **Add a Fingerprint**, according to the screen prompts to collect fingerprint, after the completion of fingerprint input, you can click **OK**.

## Face

1. Use face for Unlock: Set the lock-screen password, add your face image, and activate **Unlock**. Face the front of the locked phone to unlock it.

2. Face recognition for privacy and app encryption: After setting a lock screen password and adding a face, turn on **Privacy and app encryption**. You can enable this function after the privacy password is verified.

3. **Add a face:** Click on **Add a face**, according to the screen prompts to collect face, after the completion of face input, you can click **OK**.

## Privacy and app encryption

Privacy passwords is used for encrypting apps, communications, memos and the file safebox. Follow the on-screen prompts to set or change password. Once you've set up your password, open the app that you want to encrypt in the app encryption list, and when you're done, you need to enter the password to launch these apps.

## Ultra Game Mode

Your phone will automatically add downloaded games to Ultra Game Mode. You can also manually add games to Ultra Game Mode to let the games use Ultra Game Mode features. Tap the Add button and select games.

### Choose a game mode

**Esports Mode:** Each feature is described in detail. Go to **Supported games** to check which installed games support Esports Mode, which provides pro players with a more immersive and smoother gaming experience. To turn on Esports Mode, bring up the sidebar in a supported game.

**Bot Mode:** To turn on this mode, bring up the sidebar in a game added to Ultra Game Mode. In Off-screen Autoplay mode, games will continue running when the screen is off or locked. This helps reduce power consumption while running games in the background.

### Experience enhancement/Do Not Disturb settings


Features such as sound effects and visual effects are available to enhance your gaming experience. Go to the features and follow the on-screen instructions to learn more about and enable the features as needed.

## Shortcuts and Accessibility

### ●S-capture

Use S-capture to take screenshots, record the screen, or record animated GIFs.

To take a screenshot:

- Swipe down from the top of the screen to open Control center, tap , and select an appropriate screenshot method.
- Swipe down with three fingers to take a quick screenshot.



· Press and hold the power button and volume down button simultaneously to take a quick screenshot.

Turn on **Screenshot floating window**. A floating window will be displayed when you capture a screenshot. You can tap the floating window to preview, edit, and share the screenshot.

## ●Smart Split

Smart Split allows you to handle two apps easily at the same time. In some apps, an incoming message will be displayed as a floating icon. Tapping the icon will split the screen into two halves, giving space to both apps.

**Message screen splitting/Manual screen-split:** For details on how to enable screen-split in different circumstances, refer to the on-screen text and animated instructions.

**Intelligent suggestions for split-screen apps:** When enabled, the system can intelligently predict which app you want to open on a split screen and recommend it to you as the first choice.

## ●Smart Motion

Here is a collection of various Smart Motion features. Go to the features and follow the on-screen text or animated instructions to learn about and enable the features as needed.

## ●Quick action

Turn on **Quick action** and select a feature or app (such as Flashlight or Camera). You can then press and hold the volume down button to quickly start the selected feature or app when the screen is off.


### ⚠Note:

**Quick action** cannot be used during music playback or if the IR sensor is blocked.

## ●Easy Touch

Easy Touch provides easy access to some commonly used apps or shortcuts on your phone. When enabled, Easy Touch will be displayed on the screen as a floating button (like .

Description of some features:

- Customize features: Go to **Customize menu** and tap  to add other shortcuts or commonly used apps to Easy Touch.
- Change skins: Easy Touch is available in multiple skins. Go to **Personalized skins** and choose your preferred skin.
- Set display effects: In **Display effects**, set the idle visibility of Easy Touch, specify whether Easy Touch automatically moves to a screen edge after 3 seconds of inactivity, and choose whether to automatically hide Easy Touch in full screen mode.

## ●Flashlight reminder

If you turn on the switch for an event, the rear flash will blink when the event occurs with the screen off. Enable this feature for events as needed.

## ●Task timer

After you set **Scheduled power on/off**, your phone will turn on or off automatically as scheduled. Before turning off, the phone will ask you to confirm whether you want to turn it off. If not, tap **Cancel**. If you do not confirm or cancel the power off, your phone will turn off after 60 seconds.

You can set **Scheduled vibration mode/Scheduled airplane mode** in a similar manner.

## ●One-handed

When **Access mini screen using gesture** is enabled, you can swipe in from the edge of the screen and then swipe out to open a mini floating window.



Tap and hold the title bar of the mini floating window to drag it to your preferred position on the screen. Tap  and zoom with two fingers or drag the edit icon to adjust the mini screen size.

## ●Accessibility

Accessibility features let you better interact with your phone apps. They make apps more functional and your phone easier to use. Turn on/off and set accessibility features to suit your needs.

Description of some features:

- **Screen readers:** Enable this feature to hear the on-screen text. You can select your desired engine, language, speed, and tone.
- **Display:** Configure display settings (such as the font size and zoom). For details on how to use a feature, refer to the relevant text description.
- **Interaction controls:** Configure options related to interaction with the phone (such as the response time to screen taps or presses).

## System management

### ●About phone

Go to **About phone**, You can learn a variety of information related to the phone.

For legal information, go to **About phone > Legal Information > Regulatory compliance** (for Inida) .

### ●Customer service

You can find the phone manual, service centers, E-warranty card and other information here to make better use of your phone.

#### Note

Before using this function, please enable network access on your phone.

### ●Recent apps

After going to **Recent apps** and enabling **Blur display**, you can select the recent apps to be displayed blurred in the background, or choose to enable or disable the **Blur the display of private content**(This option only shows when **Blur display** is on.).

### ●Global Search

Set the search content and search engine. You can then swipe down from anywhere on the standby screen to open Global Search, where you can tap to view suggestions and search for local or online content.

### ●Download management

You can view the apps being downloaded or already downloaded to your phone.

### ●Date & time

The phone can get the correct time over the internet. You can manually adjust the time zone and time and turn on or off the 24-hour format as needed.

#### Note



Please turn on network connection before using the **Auto** function.

## ● Language & Input

You can set the system language in **Language & Input**. Tap **Languages** to choose a language. Tap **Region**, select the appropriate.

## ● Backup & Reset

You can back up apps and data on your phone on the Google server (or vivoCloud), and restore backed up information to your phone.

Reset your phone's network/Bluetooth settings and restore or erase all data as needed.

### ⚠Note:

Using **Erase all data** will delete all data from your phone's internal storage.

## ●Phone Clone

Phone Clone clones data from an old phone to a new phone with one tap without using data.

For example, on your new vivo phone, tap  and select the type of your old phone (iPhone or Android phone). Then open the app on the old phone and scan the QR code as prompted.

## Security

Update your security status or configure security features to keep your phone secure.

### Security status

Check your app security scan/update status. **Find My Device** can help you remotely locate your device and keep your phone data secure when your device is lost.

### Wireless Emergency Alerts

After you turn on Wireless Emergency Alerts, you can manage the emergency alerts (such as threat alerts or AMBER alerts) you want to receive, set the alert frequency, and turn on or off vibration.

## Digital Wellbeing & parental controls

You can check the usage of the device here and adjust the settings of some functions to reduce the interference the device causes to you. You can also set up Parental Control to control and manage the use of the phone by your child.

## Battery



You can go to **Settings > Battery** and set a mode according to the current status of your phone to help you save battery life while meeting your usage requirements.

## Applications and Permissions

### ● App manager

This list includes all apps and services installed on this device. You can set detailed permissions for apps and notifications based on your usage habits.

### View or edit app information

All apps and recently used apps are listed here. Tap an app to view its build number, used storage space, and usage duration, and adjust its permission settings as needed.

### ● Permission management

You can use this function to manage and set app permissions

### ● System app settings

You can adjust the system app settings to your liking by going to "**System app settings**".

## Google

You can adjust some of the functional configurations provided by Google here. Tap  on the home screen to learn about detailed solutions to related problems.

In Standby Mode, you can find entertainment, social media and other apps in the Google folder on the home screen. You may need to log in to your Google account to access some of the apps.

## Accounts & Sync

### Sign in to your account

Sign in to your vivo account to access relevant vivo services, for example, to sync information to the cloud, use vivo Pay, bind your phone number or email address, manage authorizations, and manage devices.

### Add an account

To add an account, tap **Add account** and select the account type. You can add multiple types of accounts.

You must register and sign in to a dedicated Google account to use some features on the phone.

### Auto-sync



When **Auto-sync** is activated, applications can synchronize data automatically.

### **Note**

Please turn on network connection before using this function. Auto-sync will consume power and incur data usage. It is suggested that you turn off this function after you have finished syncing.

## System update

You can use **System update** to easily and quickly upgrade your phone system. First, enable Wi-Fi or data network. Then go to **Settings** and tap **System update**. The phone will automatically detect new software version, which you can simply download and install.

### **Note**

A recovery or system update that is not performed by Vivo may cause security risks. It is recommended that you back up important data to a storage device before upgrading. System update consume a large amount of data, you're suggested to use Wi-Fi.

## App Clone

Enter into **Settings>Applications and Permissions>App Clone**, and turn on the switch of installed Apps that support such function. When the switch is on, a clone App will be generated on the screen.

Copy the application as "II·xxx" , to distinguish the original application. This function allows you to log in with another account. No need to switch your accounts in one app.

### **Note**

1. Uninstalling or closing the original app will also delete the cloned app and its data.
2. Double application may increase data usage, please clean up in time with iManager.
3. In view of the actual use of scenes and third-party application restrictions, this feature only supports applications logging in with account, other applications currently don't support this function.
4. App clone could only be used on vivo's original desktop, and may not work well on other types of desktop.

## Developer options

**Developer options** is used by Android developers. Enabling set options under **Developer options** may lead to crash or abnormality to your apps or device. Please use it with caution.

Before use PC tool to manage the device, please enable **USB debugging**. **USB debugging** switch is under **Developer options** menu. Steps to call up **Developer options** menu:

1. Enter **Settings >System management>About phone**.
2. Click seven times at **Software version**.
3. **Developer options** menu will be appeared in **Settings >System management**.

## Privacy



Here is a collection of functional settings for the security of the phone, such as system security and privacy security. You can adjust the settings according to your personal needs.

## RAM and storage space

Go to **RAM and storage space** interface, you can check the memory usage of the storage devices, as well as format the storage devices. All data will be cleared after the phone storage has been formatted. Please make sure that you have backed up important data before formatting.

## Location

You can set for the location function under **Settings > Location**. After opening the function, apps such as Maps and Camera as well as third-party location-based apps can collect and use location data. When you do not need location data, you can disable the function to save battery power.

### Note:

The location service will use the larger network traffic that is recommended for you to use the Wi-Fi network.

# Phone and Contacts

## Calls

### Smart contacts search and dial

You can dial a number using the dialpad or go to the contacts list, search for a contact and then call the number. Search methods:

1. Enter corresponding numbers for the first several letters of the name of the contact person.
2. Enter corresponding numbers for all letters of the name of the contact person.
3. Enter the contact's number.

### Redial a number in call history

If you have called a contact person, in the interface of dial plate, click at the contact persons showed in the call history above the dial plate, and you can call back; You can slide down the dialpad to hide it so as to view more call logs.

### Note

This action can be performed for other functions. For details, please see [Call](#) in **Phone and Contacts > More operations**.

### Dial from contacts list





You can tap  in the bottom left-hand corner of the dialpad to display the **Contacts** list and select a contact to call.

## During calls

During a call, options will be displayed on the screen so that you can perform different actions.

## Pause call

You can tap **On hold** to pause the current call and tap again to resume it. When a call is on hold, the cost of the call is the same as when not on hold.

## Speaker

During a call, you can tap **Speaker** to turn on the speakerphone. You can also tap this key to change the answering method to normal answering (Using the handset earpiece) or answering with the speaker.

## Adjust call volume

You can press the [Volume button] to adjust the call volume.

## Turn off screen

You can press the [Power button] to turn the screen off or on. When the screen is turned off, call quality is not affected. Turning the screen off saves battery power and prevents accidental actions when touching the screen.

## Calling in the background

1. You can press the [Home button] to make the call run in the background. You can then perform other actions while on the phone, such as searching for contacts. If you need to go back to the call interface, tap the green status bar at the top of the screen.
2. You can also answer or make other calls when in the middle of a call. Before using this function, please go to **Settings > Applications and Permissions > System app settings > Phone > Call waiting** and enable the function.

## Make or answer another call

1. If there is another incoming call, you will hear short beep sounds, and the caller information and call options will be displayed on the screen. You can choose to **Hold & Accept**. If you answer the call, the previous call will be put on hold.
2. If you want to call another number, tap **Add call** and choose a contact number. When you dial the number, the previous call will be put on hold.

### **Note**

You can tap **Swap** to switch between the two calls. When you talk on one line, the other line is put on hold.

## Call settings

You can go to **Settings > Applications and Permissions > System app settings > Phone** to configure calls.

## SIM card



1. **Call waiting:** When this function is enabled, the network will notify the phone to send reminder sounds when there is another incoming call. You can decide whether to answer the call. When this function is disabled, the phone will not send reminder sounds when there is another incoming call, and the caller will hear a busy signal (Some networks might notify the caller that you are engaged). If you have enabled the call forwarding function, the call will be forwarded to another phone.
2. **Call forwarding:** When this function is enabled, incoming calls will be forwarded to another phone. You can choose from four options for call forwarding.
3. **Call barring:** When this function is enabled, the phone's incoming and outgoing calls will be restricted. You can set restriction conditions and levels according to your needs. You need to enter the password when enabling this function.
4. **Voicemail:** When this function is enabled, you can receive voicemail messages when the phone is turned off, when you are out of the service area or when it is inconvenient to answer calls. You will receive message reminders when you have new voicemail messages. You can tap and hold the number 1 on the dialpad to go to voicemail.
5. **Fixed Dialing Numbers:** When this function is enabled, you can only dial numbers in the "FDN list". The FDN list is saved on the SIM card. You need to enter PIN2 to configure the setting.
6. **Show my caller ID:** When enabled, your phone number will be displayed on the phone that receives your call.

### Note

This function is provided by the carrier for users to save, forward and listen to voicemail messages. You can apply at the carrier's for a voicemail number and password. For details, please consult your carrier.

## Contacts

You can tap **Contacts** on the home screen to display the **Contacts** list.

### New contact

You can tap **+** in the top right-hand corner of the list to create a new contact. You will be asked whether to save the contact to the phone or SIM card .

### Edit contact

Tap a contact to enter the **Details** interface, then tap **Edit** in the top right-hand corner.

### Groups

You can classify contacts, add them to different **Groups** and send text messages to all the contacts in a group. Go to the **Contacts** interface and tap **Groups**. You can then perform the following actions in the **Groups** list.

1. You can add a contact to a group in the following ways:
  - (1) Tap **Not in groups** and then select the group when enter the **Details** interface.
  - (2) Go to the group, tap **+**, mark one or multiple contacts in the contacts list, then tap **Add**.
2. Remove contact from group: In a group, tap **Remove member** in the bottom right-hand corner, then mark one or multiple contacts to remove the contacts from the group.
3. Send SMS to group: In a group, tap **Send SMS to group** in the bottom left-hand corner to send a text message to all the contacts in the group.

### Note

You can only add contacts stored on the phone to a **Groups**.

## Settings

Enter the **Contacts**> interface, you can have detailed settings.



## Note

You can only use **Merge duplicate contacts** for contacts that are stored in the same location.



## More operations

### Search for contact using index

If the contacts list is long, you can use the index at the right of the list to search for a contact quickly. The contacts are divided into groups according to the initial letter of their surnames. You can tap a letter in the index to go to the corresponding group.



### Call

When in the **Contacts** list interface, you can call a contact in the following ways:

1. Slip one contact person from the right to the left, and click ;
2. Tap the contact, go to the **Details** interface, then tap  corresponding to the contact.

### Send text message

When in the **Contacts** list interface, you can send a text message to a contact in the following ways:





1. Slip one contact person from the right to the left, and click ;
2. Tap the contact, go to the **Details** interface, then tap  corresponding to the contact.

## Messages

When in the standby mode, go to the **Messages** interface and choose a message to view it.

### Compose message

When composing a message, you can perform actions on the message in the following ways:

1. Add recipient:
  - (1) Enter the recipient's number in the **To** input field.
  - (2) Search for a contact using intelligent matching. The method for intelligent matching is similar to that for intelligent searching using the dialpad. For details, please see [Smart contacts search and dial](#) in **Phone and Contacts**. The matched contact will be displayed at the bottom of the input field. You can tap to add it as a recipient.
  - (3) Tap  next to the input field and select one or more contacts from recent contacts, contacts, groups or favorites. Select a contact, tap  to delete the contact.
2. Add picture, video or audio: Tap  All pictures, voices and videos supported by the cell phone can be sent in the way of short message.
3. Send as multimedia message: When composing the message, tap  > **Theme** , then enter content and tap send.

### Search messages

In the **Messages** list, you can enter a message to search in search bar.

### Forward message



1. When viewing a message, tap and hold the message, then tap **Forward** in the pop-up box.
2. When viewing a message, tap **Edit** in the top right-hand corner of the screen, select one or more messages, then tap **Forward**.

## Call the contacts from the message

In the interface of **Messages** list, slip one message from the right to the left and click , and you can call the contact person who have sent the message.

## Save contact from message session

In the interface of **Messages** list, long press one contact person, click **Add to Contacts** in the pop-up box.

# Home screen apps

## iManager

iManager can effectively clear junk files from your phone, secure your phone, and provide various management tools to make your phone easier to use.

### Phone management

**Optimize:** Check your phone's status, optimize your phone with one tap, and view recommended optimizations to improve your phone's performance.

**Space cleanup:** Scan and clean the cache with one tap. This feature also provides personalized recommendations of items to clean up based on your phone usage and has multiple special cleaning tools, making it easier to clean up the phone storage space.

**Security scan:** Detect system vulnerabilities, viruses, Trojan horses, malware, risky networks, and other security risks with one tap, so that you can deal with them in time. iManager also performs app security scans in the background to protect your phone in real time.

**Data monitor:** View your overall and app-specific mobile data or Wi-Fi usage. Tap an app to allow or not allow it to use mobile data in the background.

### **Note:**

The carrier may adopt a data traffic calculation method which is different from that adopted by your device.

**More settings:** On the iManager home page, tap  to go to the **Settings** page, where you can adjust the detailed settings of iManager and view more information.

### Utility tools

More utility tools (such as privacy and security tools) are available to provide you with a better user experience.



# Camera

Use Camera to capture photos and videos of wonderful moments in your life anywhere and anytime.

## Open Camera

To open Camera:

- Tap the Camera icon on the home screen.
- On the lock screen, tap and hold the camera icon, and then swipe up.

## Take a photo

To take a photo:

- Open Camera and tap the shutter button.
- Open Camera, choose Photo mode, and press a volume button.

## Take multiple photos in quick succession

Open Camera, choose Photo mode, and tap and hold the shutter button. The number of photos captured will be displayed on the screen. Release the shutter button to stop shooting.

## Record a video

To record a video:

- Open Camera and tap the video button. Tap the video button again to stop recording and save the video.
- Open Camera, choose Video mode, and press a volume button. Press the volume button again to stop recording and save the video.

## View a captured photo or video

Tap the image in the lower left corner to view the captured photo or video.

## Switch between the front and rear cameras

To switch between the front and rear cameras, tap the switch icon next to the shutter button.

## Change the camera mode

Open Camera, swipe left or right on the screen, or tap to choose the mode you want.

## Accessibility features

Open Camera, and turn accessibility features on or off at the top of the screen.

Flash: Tap the flash icon to adjust the flash mode.

HDR: When taking photos in environments with a strong backlight or a large contrast between bright and dark areas, turn on HDR mode to improve shadows and highlight details.

Tap  to adjust the detailed settings of Camera.

Tap  to choose your preferred frame size.

### **Note:**



Some features may vary depending on the device model. Please refer to your phone.









# Albums

View the photos and videos you have captured and various images stored on your storage device.

## Slideshow



1. In **Photos**, open a photo or video, and tap  > **Slideshow**.
2. In **Albums**, open a photo or video in a folder, and tap  > **Slideshow**.

## Share or delete photos or videos

1. In **Photos**, tap  or tap and hold a photo or video to enter edit mode, check one or more photos or videos, and tap / .
2. In **Albums**, open a folder, tap  or tap and hold a photo or video to enter edit mode, check one or more photos or videos, and tap / .

## Recover or permanently delete a deleted photo or video

Open **Albums**, tap **Recently deleted**, and do the following:

1. Tap and hold to choose the photo or video, and then tap /  to recover or permanently delete it.
2. Open the photo or video, and then choose to recover or permanently delete it.

### **Note:**

To use this feature, you need to turn on **Recently deleted** on your phone. Deleted photos and videos will then be temporarily stored in **Recently deleted** and permanently deleted after a certain period of time.

## Edit images


In **Photos** or **Albums**, open an image, and tap  to edit the image.

# Calculator

Calculator can be used in multiple modes to perform basic and advanced calculations.

## Open Calculator

To access Calculator:



- Swipe up on the home screen. You will see all the apps on your phone. Enter **Calculator** in the search box to quickly locate and open Calculator.
- Swipe down from the top of the screen to open Control center, and tap  in Control center to open Calculator.

## Change the calculator

In the Calculator app, you can change the calculator as needed.

- Your phone uses the basic calculator by default, which can be used to perform simple arithmetic calculations.



- Tap  to switch to the scientific calculator, which involves advanced operators and functions.
- Tap **Exchange rate** to switch to the currency conversion calculator, which can be used to convert exchange rates.
- Tap  to view the calculation history of the basic or scientific calculator.

### **Note:**

You must connect your phone to the internet to use the currency conversion calculator.






## Recorder

Use the Recorder app to record voice memos in your work and life. It uses the built-in microphone on your phone to record. In the **Recorder** app, you can perform the following actions:



Tap  to start recording. Tap  to pause recording. Tap  to stop and save the recording.  marks a time point.

### Play a recording





To play a recording:

1. Choose the recording file and tap  to play or pause it. Drag the slider on the progress bar to go forwards or backwards.
2. Open the recording file to play it. To pause playback, tap . To continue playback, tap .  marks the time point. To change the speed, tap **x1.0**. To turn Speaker mode on or off, tap . Tap a mark during playback to quickly jump to the marked location in the recording.

### Share and delete a recording






Tap and hold the recording file you want to share or delete, or tap  > **Select**, check the recording file, and then tap .

### Trim a recording

Open the recording file you want to edit, tap  > **Trim**, drag the timeline slider, and tap  to preview or continue the recording. Trim a part of the recording, tap  to save or delete the selected part, and then tap .

## Clock

The clock consists of four functions:

1. **Alarm:** You can tap  to add several alarm clocks. In the interface of alarm clock, click at , You can finish detailed settings according to your habits.
2. **World Clock:** You can tap  to add times for different cities.
3. **Stopwatch:** Click  to start timing, and click  to time respectively.
4. **Timer:** You can use the timer as a countdown clock.



# Compass

You can check out directions, longitude, latitude, and the horizontal line with the compass. Before using the function, please make sure your phone is in landscape mode and away from electromagnetic interference, to ensure accuracy.

## **Note:**

1. Please turn on network connection and location service before checking your current location.
2. When under severe interference, the compass will be switched to the calibration window; the compass will resume working after calibration.
3. The digital compass can only be used to assist navigation. Please do not use it to determine an accurate location, proximity, distance or directions.

# vivo.com

You can learn more about vivo and our products on the **Home/Products** page, and provide feedback as well as find solutions to frequently asked questions on the **Support** page.

## **Note:**

You must connect your phone to the internet to use this feature.

# Themes


## Download and purchase

The recommendations and categories include various themes, fonts, and wallpapers. You can try them out or purchase them based on your preferences.

## Change a theme

The following steps describe how to change a theme. The process of downloading a wallpaper, lock screen, font, or other resources is similar.

1. Tap **Me > Local themes/Purchased**, select a theme, and tap **Apply**.
2. To use a paid theme, pay for the theme and download and apply it. To use a free theme, download and apply it.

Your lock screen wallpaper, home screen wallpaper, and home screen icon styles will be changed based on the theme by default. To set the wallpapers not to change with the theme, tap **Local > ** and turn off **Change home screen wallpaper based on theme** and **Change lock screen wallpaper based on theme**.

# Music





You do not need to add songs manually. Your phone will scan for songs on the storage device automatically when turned on and add them to **Music**.

## Lists

Open Music from the home screen and tap **Lists**. Tap **New playlist** to create a playlist of your favorite songs.

1. Add a song to your custom playlist:

Go to the **Songs** list, tap and hold the song you want to add, and tap **Add to playlist** in the pop-up window.

2. Edit a custom playlist: Open the playlist, tap **+**, mark one or more songs, and then tap **Add to playlist/Remove**.

3. Delete a custom playlist: Tap and hold the playlist, and tap **ⓧ** in the pop-up window. Deleting a custom playlist will not delete the songs in it.

## Search

When there are many songs, you can tap **🔍** and enter the name of a song, an artist, or an album to quickly find what you want.

## Settings

Go to the **☰** page to configure the settings for Music.

**Scan for songs:** Tap **One-tap scan** to scan for songs on your phone. You can filter folders or songs to not display them in the Songs list.

**Sleep mode:** Drag the slider in the middle to set the amount of time you want your music to play for, and turn on **On**. When **Sleep mode** is turned on, your phone will automatically stop playing music after the set amount of time is up. You can choose either to only stop playing music or to stop playing music and turn off your phone after the set amount of time is up.

**Audio effect:** Tap **Audio effect** to set your preferred sound effects.

## Weather

### Add cities

Tap **☰** to go to the **City management** page, and tap **+** in the upper right corner to add more cities.

### Check the weather

On the Weather home page, swipe left or right on the weather curve to see the temperature changes and weather conditions for the next 22 hours. To view another city, swipe left or right on the screen.

### Rearrange the order of cities

Click **☰** to enter **City management**, hold down **☰**, and drag the city up and down, you can adjust the order of cities.

### Delete a city

On the **City management** page, tap and hold the city you want to delete, and tap **Delete**.



## Weather settings

Tap  to set your preferred weather display.

### Note:



You must connect your phone to the internet to use this feature.

## EasyShare

Use EasyShare to send or receive files without using mobile data.





### Data-free, superfast file transfer

You can simultaneously transfer files of various types at a high speed without using data. For example, if you use EasyShare on an Android-powered device (source phone) to send files:

Tap , select the files to transfer, and tap **Send**. On the phone to which the files are to be transferred (target phone), tap  to search for the source phone or scan the QR code on the source phone to connect the phones. Then tap OK on the source phone.

### Phone Clone

Phone Clone is secure and efficient and requires no data usage to quickly import data, including contacts, messages, and photos, from your old phone to your new phone.

On your old phone, tap  > . On your new phone, tap  > , select the operating system on your old phone, and scan the QR code on the old phone or manually connect to the old phone's hotspot.

### Data backup

Download and install EasyShare on your PC, connect your phone to the PC via a USB cable, and then back up or restore data. You can also tap **Wi-Fi connection** on your phone, scan the QR code on the PC, and then back up or restore data.

### Share EasyShare

To share EasyShare:

1. Scan the QR code to go to the official website and download and install EasyShare.
2. Share via Bluetooth or Wi-Fi.
3. Share via WhatsApp or SMS.

## Notes

You can create notes here as you like to jot down your ideas and inspirations.


### Share or Save note

In the view notes screen, tap  to choose to share/save the note.

### Deleting notes




You can delete a note in the following ways:

1. Long press a note, then tap **Delete** in the pop-up window.
2. In the **Notes** screen, tap **Edit**, mark one or more notes, and then tap **Delete**.
3. Tap  in the view notes interface.

## Browser

vivo Browser is based on a new optimized kernel and provides you with a smooth browsing experience with powerful website navigation and an interactive UI design, which is similar to that of PC browsers.

Open **Browser** from the home screen. Tap  on the Browser home page. A shortcut menu will be displayed, where you can configure the browser as needed.

### Search for content

Enter what you want to search for in the top search bar and tap **Search**. The search results will be displayed.

### Open a new tab

In the lower right corner of the screen, tap  >  to open a new window.

### View browsing history and bookmarks

In the bottom navigation bar, tap  >  to view all your browsing history and saved bookmarks.

## vivoCloud

Use the **Backup** feature to back up some data on your phone on the cloud server and the **Restore** feature to download the backup from the cloud server to your phone.

### **Note:**

You need to sign in to your vivo account to use vivo Cloud. If you do not have a vivo account, please register one and sign in.

### Sign in to your vivo account

If you have a vivo account, open **vivo Cloud**, tap **Sign in**, enter your username and password, and then tap **Sign in**.

### **Note:**

You can only sign in to one vivo account at a time.

### Backup and restore

After signing in to your account, you can back up and restore your data such as contacts, SMS messages, browser bookmarks, and notes.

### **Note:**



Please stay connected to the internet during backup and restoration.

## Video

Watch local videos here. You do not need to add videos manually. Your phone will scan for videos on the storage device automatically when turned on and add them to **Videos**.

### Play a video

In **Videos** or **Folders**, tap a video to play it. While playing the video, tap on the screen to show or hide the control buttons, which you can use to lock the screen, mirror the video, or take a screenshot.

Swipe up or down on the video to adjust the volume and screen brightness.

Tap  to mirror the video to another device.

Tap  to change the video resolution and speed.

Tap  to lock the video screen.

Tap  to play the previous/next video.





Tap  to pause the video.

Tap  to take a screenshot.

Tap  to play the video in a floating window.

Tap  to rotate the video.

### Share or delete videos

1. In **Videos**, tap  or tap and hold a video to enter edit mode, check one or more videos you want to share or delete, and tap .
2. In **Folders**, open a folder, tap  or tap and hold a video to enter edit mode, check one or more videos you want to share or delete, and tap .

## Google apps

Google provides entertainment, social networking and other apps. Some apps may require you to sign in to your Google account for further access. For more information on apps, use their help pages.

### About some features

Chrome/Google: You can search and visit webpages through Google Chrome.

Gmail: You can send and receive emails through Google Mail services.

Maps: Google Maps helps find your location and nearby facilities. You can also fill in your commute information to get traffic information in advance.



YT Music: YouTube Music has the coolest new music and videos for you. Stream or save music to your device.

YouTube: You can enjoy the videos shared by others or upload your own on YouTube.

Photos: Google Photos is the perfect place to edit and manage your photos and videos from all sources.

Assistant: Google Assistant can help you send SMS messages, make phone calls, and plan routes all with your voice.

Duo: Google Duo helps you keep in touch with friends and family through videos calls.

Files: Files helps you manage, share and clean up your saved files and apps.

Google pay: Google Pay puts together all payment methods supported by Google so you can enjoy quick and secure payments after entering your bank information once.

Calendar: After you set reminders, Calendar can remind you of upcoming events by sending you a notification.

Play Store: After logging in, you can find the latest Android apps, games, movies, music and other amazing content. You can search for and download any content according to your personal needs.

#### **Note:**

App availability and functions may vary depending on your region and service provider.

## Device Maintenance

### About maintenance

It is important to understand mobile phone maintenance and servicing thoroughly so that you can use your phone safely and effectively and extend its service life as much as possible. For details on maintenance and troubleshooting, please refer to "Important Information and Warranty Card".

### Phone and accessories

This phone uses the Android operating system. To view the phone's version, go to **Settings > System management>About phone**.

In **Settings > System management>About phone > Legal information > Safety information**, you can learn the safety considerations for this device to help you use it in a safer way.



# Help

If you encounter any problems when using your phone, contact your network carrier or contact vivo after-sales service center. Please enter **Settings > System management > Customer service > Service Center** interface to find service hotline.

## Supported file formats

Video recordings	mp4
Pictures	png , jpg , bmp , gif
Sound recordings	m4a
Music	mp3, ogg , wav , midi , flac , ape , wma , m4a , aac, amr, awb, mp2
Video	avi, mp4, 3gp, wmv

## Instructions for connecting to USB

Connect your phone to a PC using a USB cable, swipe down the notification bar on your phone, tap the charging connection notification, select **File transfer** on the redirected page, so that you can manage files on your phone using the PC.

### Windows

1. In Windows 7 and later, users do not need to install any drivers. You can double click "Computer" (Windows 7) or "This Computer" (Windows 10) on the desktop to view your device, and then double-click it to copy and manage the files on your phone.
2. Windows XP users need to upgrade to Windows 7 or later or download and install the MTP plug-in to manage phone files from their computer.

#### **Note:**

To use the function properly, computers running Windows XP need to install Windows Media Player 11 or above.

### MacOS

1. MacOS users need to download "AndroidFileTransfer.dmg" to manage the phone files.
2. MacOS users need to download and install the MTP plug-in to manage phone files from their computer.

### Linux



Manage the phone files using mtpfs software:

1. Install tool "sudo apt-get install mtp-tools mtpfs";
2. Create new directory "sudo mkdir /media/mtp";
3. Modify the directory permission "sudo chmod 755 /media/mtp";
4. Install device "sudo mtpfs -o allow\_other /media/mtp", then you can manage the phone files in the file manager;
5. Unload device "sudo umount /media/mtp".

During installation, do not disconnect the USB data cable between the phone and the computer. If it cannot be used after being installed, please restart the computer or reinstall.

