ColorOS 13 User Manual

Contents

Welcome to ColorOS 13

This user manual provides you with everything you need to know about ColorOS 13.
ColorOS 13 uses smart technology to deliver a smooth and comfortable experience. A new design philosophy, Aquamorphic Design, is adopted for this update. Highlights include vibrant theme colors, optimized task management tools, enhanced security and privacy, new Always-On Display styles, and refined visual effects.
 (Features vary slightly depending on the model and country. Please refer to your device for the actual features.)

Get started

Set up your SIM cards

You can insert two SIM cards into your OPPO phone if it supports dual SIM dual standby (DSDS).
You can set the default number for making calls or choose a number when making a call. Similarly, you can specify a SIM card for mobile data.

Use the secondary data SIM for mobile data during calls
If you use the primary SIM card for internet access, this feature lets you use your secondary SIM card's data temporarily while you are on a VoLTE call using your secondary SIM card. This ensures an uninterrupted network connection during the call. When the call ends, the SIM card for internet access will switch back to your primary SIM card.

Path: Settings - Mobile network - More settings - Use mobile data during calls.

Manage mobile data
Allow your apps to use Wi-Fi, mobile data, or both for Internet access, or do not allow apps to connect to a network. You can also check the total mobile data usage of your system and apps.
Path: Settings - Mobile network - Data usage - Network access.

Quickly connect to a Wi-Fi network

Set up Wi-Fi network connections
• Connect to a Wi-Fi network without a password:
Simply tap the Wi-Fi network.
• Connect to a Wi-Fi network with a password:
Tap the Wi-Fi network and enter the password.
• Connect to a Wi-Fi network with authentication:
Tap the Wi-Fi network and sign in or complete the authentication steps.
• Add a network:
If you do not find the network you want to connect to in the network list, tap "Add network" and enter the network name and password.
Once your device successfully connects to a Wi-Fi network, it will automatically connect to the Wi-Fi network whenever the network is available, without needing you to enter the password again. If you do not want to connect to a Wi-Fi network automatically, tap the icon to the right of the Wi-Fi network and remove it. Check and manage saved networks in "Advanced settings".

Share a Wi-Fi network
To share a Wi-Fi network with another phone, open the Wi-Fi details page and tap "Share" to display a QR code. On the other phone, go to the "Wi-Fi" page and tap the scan icon in the upper-right corner to scan the QR code. The phone will automatically connect to the Wi-Fi network.

Use Wi-Fi Assistant
Use Wi-Fi Assistant when your Wi-Fi signal is unstable.
Turn on "Auto connect to the best Wi-Fi". Your phone will check the quality of available Wi-Fi networks and automatically connect to the best one.
You can also turn on "Auto switch to mobile network". When all Wi-Fi networks are slow and your mobile data is enabled, your phone will automatically switch to the mobile network.
Path: Settings - Wi-Fi - Wi-Fi Assistant - Auto connect to the best Wi-Fi.

Use dual-channel acceleration
Dual channel acceleration uses both mobile data and Wi-Fi for smoother and faster internet access.
Apps that support dual channel acceleration are displayed on the page.
Path: Settings - Wi-Fi - Wi-Fi Assistant - Dual channel acceleration.

Use dual Wi-Fi acceleration
Dual Wi-Fi acceleration allows your phone to switch between two Wi-Fi networks seamlessly for faster internet access.
Path: Settings - Wi-Fi - Wi-Fi Assistant - Dual Wi-Fi acceleration.

Note:
The two Wi-Fi networks cannot be both on the 2.4 GHz band or the 5 GHz band. They send and receive data independently without interfering with each other.

Passpoint Wi-Fi Direct
ColorOS comes preinstalled with a Passpoint certificate, which allows direct connections with hundreds of branded Wi-Fi networks. Discovering and connecting to networks are automatic and do not require a password. Wi-Fi encryption and two-way authentication between your phone and the server also ensure connection security and prevent information leakage.
Path: Settings - Wi-Fi - Advanced settings - Passpoint.

Connection & sharing

Personal hotspot
Go to "Settings - Connection & sharing - Personal hotspot", and turn on "Personal hotspot".
Nearby devices can then discover your personal hotspot. Note: Sharing a personal hotspot may consume more data and battery. Your personal hotspot will be turned off automatically when it is not connected to any device for 10 minutes.
Tap "Personal hotspot" to set a name and password for enhanced security.
In "Connection management", you can block devices, set the maximum number of connections, and limit the mobile data usage.
• **USB tethering**
Connect your phone to a PC with a data cable and go to "Settings - Connection & sharing".
Turn on "USB tethering". The PC will automatically identify and use your phone's mobile data.
• **Bluetooth tethering**
You can share your network with other devices via Bluetooth.
For example, to share your OPPO Reno's network connection with another OPPO phone, pair the devices via Bluetooth.
Turn on Bluetooth in "Settings" and pair with the target device.
Then go to "Settings - Connection & sharing" and turn on "Bluetooth tethering".
On the OPPO phone, open the Bluetooth page and tap the paired device. The OPPO phone can then use the OPPO Reno's network connection.
To stop sharing, go to "Settings - Connection & sharing" and turn off "Bluetooth tethering".
Alternatively, go to "Settings - Bluetooth", tap the paired device, and turn off "Internet access".
• **Ethernet tethering**
Connect your phone to your other device using an Ethernet cable to share your phone's network connection.
Go to "Settings - Connection & sharing – Personal hotspot – Ethernet tethering" and turn on "Ethernet tethering".

NFC
Near-field communication (NFC) enables contactless exchange of data over short distances.
Go to "Settings - Connection & sharing - NFC" and turn on "NFC".
You can then use contactless payment and Android Beam to pay or transfer data.

Wireless transmission
• **Screencast**
Go to "Settings - Connection & sharing" and turn on "Screencast".

You can then display your phone's content on a large screen. Make sure your phone and the large-screen device are connected to the same network or the wireless display feature is enabled on the large-screen device.

• Printing

Print documents, images, emails, or web pages on your phone.

Go to "Settings - Connection & sharing - Print" to specify a default printer. Then when you are in a file sharing dialog, you can use the printing service.

VPN

A virtual private network (VPN) creates a private network over a public network. It allows you to access intranet resources easily, securely, and remotely over the internet, whether you are away on a business trip or working at home.

Set a VPN

To add a VPN, go to "Settings - Connection & sharing - VPN", tap "+", and enter information such as the VPN name, type, and server address.

Easily wake your phone

Multiple methods are available for you to wake your phone.

Press the Power button

Simply press the Power button to wake your phone.

Raise to wake

With "Raise to wake" turned on, the screen will turn on automatically when you pick up your phone.

Path: Settings – Additional settings - Gestures & motions - Raise to wake.

Double-tap to wake or turn off screen

You can double-tap the screen to turn it on or off when "Double-tap to wake or turn off screen" is turned on.

Path: Settings – Additional settings - Gestures & motions - Screen-off gestures - Double-tap to wake or turn off screen.

Quickly unlock your phone

For security purposes, ColorOS provides 3 unlock methods: password unlock, fingerprint unlock, and face unlock. You can enable one or more methods to suit your needs in different scenarios.

Unlock via password

You can use a pattern, a 4-digit numeric password, or a 4-16 alphameric password as your Lock screen password. After you set a password, wake your phone and swipe up on the Lock screen, and enter your password to unlock it.

Path: Settings - Password & security - Lock screen password.

If you forgot your password, please contact an OPPO after-sales service center for help.

Fingerprint unlock

You can unlock your phone quickly with your fingerprint. You can enroll up to five fingerprints. To unlock your phone, wake it and press the fingerprint sensor.

Path: Go to "Settings - Password & security - Fingerprint", enter your Lock screen password, and enroll one or more fingerprints. You can use an enrolled fingerprint for phone unlock, App lock, Private Safe, app installation, and SMS payment verification.

Face unlock
Face recognition lets you unlock your phone even more easily and faster.
Path: Settings - Password & security - Face.
 * For accurate face recognition, keep the phone 20–50 cm away from your face. Do not enroll your face in an environment that is too bright or too dark.

Omoji, your virtual you

Omoji lets you create your own personal avatars on ColorOS. Omoji automatically recognizes your facial features and expressions and captures them in an image. You can then further customize your facial features and add trendy accessories.
Note: This feature will be updated along with later ColorOS versions.
Create and edit an Omoji
Create your Omoji just how you like it. Go to the "Edit Omoji" page, and choose your skin tone, head, hair, eyebrows, eyes, nose, mouth, ears, hat, and glasses. The colors can be adjusted. You can create multiple Omoji for different moods and situations.
Path: Settings - Account - Omoji.

Omoji camera
After creating an Omoji, tap "Use Omoji" to enter Omoji camera mode.
Point your phone's camera at your face, make different expressions, and preview the real-time Omoji. Choose a background color and tap the Shutter button. The Omoji will be saved to the Photos app. You can also touch and hold the Shutter button to record a video of up to 30 seconds.

Use an Omoji as your account's profile picture and cover
Tap "Use Omoji" and choose "Set as profile picture" or "Set as profile cover" to enter Omoji camera mode. Take an Omoji photo, which will be automatically saved and used as your profile picture or cover.

Use an Omoji as your Always-On Display wallpaper
You can use an Omoji as your Always-On Display wallpaper.
Path: Settings - Wallpapers & style - Always-On Display - Personalized - Omoji.

Infinite Always-On Display, your one-of-a-kind screen

ColorOS offers a wide range of Always-On Display styles such as text-only signatures, images, analog clocks, Omoji, and Artist series. You can also draw your own personalized Always-On Display patterns, or turn a photo of your parent, child, or friend into a portrait silhouette and use it as your Always-On Display wallpaper.
Path: Settings - Wallpapers & style - Always-On Display.
Note: Omoji and Artist series will be updated along with later ColorOS versions.

Draw a pattern
A variety of brushes, effects, and patterns are available for you to draw your desired Always-On Display pattern.

Canvas
Turn a color portrait photo of your favorite person into a portrait outline image and set it as your Always-On Display wallpaper.
Path: Settings - Wallpapers & style - Always-On Display - Personalized -Canvas.

Personal mantra
Display your favorite personal mantra on your Always-On Display and edit the text, color, font size, and layout as you like.

Custom image
In addition to text, you can use a photo of your loved one, family, pet, or favorite celebrity as your Always-On Display wallpaper, so that you can see them every time you glance at your phone. You can add text below the image and adjust the text color, size, and align the text.

Personalize your icons

Choose a style for your icons from a variety of styles: Material Style, Pebble, ART+ icons, or third-party icon packages, and resize the icons as you like. You can also resize the text underneath the icons or even hide the text to make your Home screen simpler.
Path: Touch and hold a blank area on the Home screen (or zoom in on the Home screen with two fingers) and tap an icon.

To use a third-party icon package, you need to install them. After you install it, it will be displayed to the right of the default style.
Path: Touch and hold a blank area on the Home screen (or zoom in on the Home screen with two fingers) and tap "Icon" at the bottom of the screen.

Add Widgets

Touch and hold a blank area on the Home screen and tap "Widgets" at the bottom of the screen. Then you can add the widgets you like.
Tap the add button in Shelf to add widgets to Shelf.
Touch and hold an app icon on the Home screen to add widgets of this app to the Home screen.

Organize your Home screen with one tap

In ColorOS, you can easily organize your Home screen by swiping down or up, without needing to drag icons one by one.
Path: Touch and hold a blank area on the Home screen to enter edit mode, and swipe up or down to move all icons on the Home screen to the top or bottom of the screen.

Manage folders

Remove or merge folders efficiently with just one tap.

To remove a folder on the Home screen, touch and hold it and tap "Remove folder". You can also enlarge it by tapping "Enlarge folder". To merge two folders, simply drag one folder into the other.

Real-time icon layout preview

When the Home screen is in the edit mode, you can set the icon layout and see how it looks in real time.

Path: Touch and hold a blank area on the Home screen and tap "Layout".

You can also preview the Home screen wallpapers and flip page effects in real time when selecting a wallpaper or transition style.

Sort apps

When your Home screen is in Drawer mode, you can sort apps by name, installation time, or usage frequency. You can also uninstall multiple apps or added them to the Home screen at one time.

To turn on Drawer mode, touch and hold a blank area on the Home screen, tap "More", and choose "Drawer mode" for Home screen mode.

Path: Swipe up on the Home screen, tap "Manage", choose"Sort", and choose "Install time" or "Most used".

Set your preferred sound mode

ColorOS offers more user-friendly sound adjustment options for more scenarios. You won't get disturbed by notifications during meetings, and music can now be adjusted separately.

Press the volume buttons to adjust the volume

Press a volume button. A volume bar will be displayed on the left of the screen. Drag the slider to increase or decrease the volume.

To change the default adjusted volume type, go to "Settings - Sound & vibration - More settings - Volume button function" and choose "Media volume" or "Ringtone volume".

Tap ⚬ under the volume bar to adjust the volume separately for media, ringtones, and alarms. For example, before going to bed, you can turn off media and ringtones, turn on an alarm, and set an appropriate alarm volume to have a comfortable night's sleep.

Dynamic tunes

If you are tired of hearing the same notification sound again and again, try dynamic tunes. ColorOS will turn the notification sound into a melody when you receive multiple notifications in quick succession.

Path: Settings - Sound & vibration - Notification sound - Dynamic tunes.

Reduce notification feedback in full screen

When you're playing games or watching videos in full screen, ColorOS will soften notification sounds and reduce the vibration intensity to not interrupt your immersive experience.

Path: Settings - Notifications & status bar – More settings - Reduce notification feedback.

Weather Adaptive 2.0
ColorOS 13 comes with Weather Adaptive 2.0, which provides several tones for each weather scenario to make your alarms more interesting.
Path: Clock - Add alarm - Ringtone & vibration - Weather adaptive.

Turn Silent mode on to enjoy some quiet time
In Silent mode, your phone calls and app notifications will be silenced, so that you can take a break without disturbance.
Path: Swipe down from the top of the screen to open Quick Settings and tap "Silent mode".

Immersive Dolby Atmos®
Dolby Atmos® is enabled by default in Speaker mode. You can choose to disable it while using earphones.
The new Dolby Atmos® settings provide ambient sound modes and scenario-based sound modes. Ambient sound modes tailor the sound effect to your environment, and scenario-based sound modes are adapted to what you are listening to: theater, games, or music. You can choose a mode based on your needs.
Path: Settings - Sound & vibration - Dolby Atmos®.

Easy-to-use navigation gestures

As phone screens get bigger and bigger, to make the phone easier to use, ColorOS offers a three-button navigation method and navigation gestures for you to choose from based on your preferences.
Path: Settings - Additional settings - System navigation.

Three-button navigation
When this feature is enabled, a navigation bar with three buttons is displayed at the bottom of the screen. You can choose a button layout that you prefer.

Navigation gestures
Navigation gestures make a phone in full-screen display even easier to use. Simply swipe up from the bottom of the screen to control your phone and enjoy an immersive experience.
• 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.
You can enable mistouch prevention in landscape mode. You will then need to perform a gesture twice in landscape mode to make the gesture take effect.

Assistive Ball

Assistive Ball lets you complete different tasks quickly using gestures or through the menu options.
Path: Settings - Additional settings - Assistive Ball.

Gesture controls
• Tap the Assistive Ball to go back to the previous page.
• Double-tap the Assistive Ball to enter the Recents screen.
• Tap and hold the Assistive Ball to go back to the Home screen.
You can customize gestures to suit your needs and preferences.

Menu control
In menu mode, tapping the Assistive Ball will display five buttons, which correspond to the following actions:
• Go back to the previous page
• Take a screenshot
• Multitask
• Lock the screen
• Go back to the Home screen
To personalize your Assistive Ball:
• Drag it to your preferred position on the screen.
• Adjust its visibility.
• Automatically hide it in full screen mode.

Quick launch

Unlock your phone, and touch and hold or quickly swipe on the fingerprint sensor to open a quick function.
• Touch and hold the fingerprint sensor until app icons appear. Without lifting your finger, slide it to an icon and then release to launch the corresponding function or app.
• Immediately after unlocking the screen using your fingerprint and before icons appear, quickly slide your finger to the area where the target icon usually appears and release to launch the function or app.

Glare-free screen

Adjust the screen brightness to make the screen easier to read in different light conditions, whether at night or in bright sunshine.

Manual brightness
• Swipe down from the top of the screen to open Quick Settings, and drag the slider to adjust the brightness.
• Go to "Settings - Display & brightness" and drag the slider to adjust the brightness.

Auto brightness
With auto brightness turned on, the screen brightness changes automatically based on the ambient light conditions to help relieve eye strain and save power.
Paths:
• Swipe down from the top of the screen to open Quick Settings, and tap the button to the right of the brightness bar.
• Go to "Settings - Display & brightness" and turn on "Auto brightness".

Eye comfort modes

ColorOS offers two eye comfort modes to make it easier for you to use your phone during nighttime or in dim environments and to relieve your eye discomfort due to prolonged screen time.

Eye comfort
Eye comfort reduces blue light from the screen and alleviates eye strain.
Path: Settings - Display & brightness - Eye comfort.

Dark mode for all-day eye care

ColorOS Dark mode is auto backlit so you can always comfortably look at the screen, no matter the time of day. In addition, with an upgraded color scheme and improved dark color contrast, colors are clearer and key information is more prominent. In Dark mode, your phone uses less battery power and lasts longer.

Turn Dark mode on
To turn on Dark mode:
Go to "Settings - Display & brightness" and turn on "Dark mode".
Open Quick Settings and tap "Dark mode".

Set a Dark mode schedule
Dark mode can remain on at all times or you can set a schedule.
Go to "Settings - Display & brightness - Auto switch" and choose "Sunset to sunrise". Dark mode will then automatically turn on at sunset and off at sunrise. If you choose "Custom", you can specify the Dark mode on and off times.

Multiple Dark mode styles
ColorOS provides three Dark mode styles for you to choose from: Gentle, Medium, and Enhanced, which support an adaptive contrast ratio.
Path: Settings - Display & brightness - Dark mode - Dark mode settings.

Easy-to-change wallpapers

Your wallpaper, your choice. ColorOS provides a wide range of beautifully designed static and live wallpapers, including interactive live wallpapers. You can also use your photos as wallpapers to make your OPPO phone beautiful and unique.

Change the wallpaper
1. Go to "Settings - Wallpapers & style - Wallpapers".
2. Choose a desired static or live wallpaper, and zoom in or move the wallpaper to adjust it.
3. If you choose a static wallpaper, you can use it as your Home screen wallpaper, Lock screen wallpaper, or both. If you choose a live wallpaper, you can use it as your Home screen wallpaper or Home screen and Lock screen wallpaper.

Use a photo from Photos as a wallpaper
1. Go to "Settings - Wallpapers & style - Wallpapers" and tap "Album".
2. Choose a photo, and zoom in or move the photo to adjust it.
3. Set the photo as your Home screen wallpaper, Lock screen wallpaper, or both.

Create your own wallpaper
In addition to the preset beautiful static and live wallpapers, ColorOS supports custom wallpapers. Choose an image from Photos, tap "Set as wallpaper", and tap "Inventive wallpapers". The system will then extract the main colors of the image and use algorithms to generate creative wallpapers in a variety of styles such as simple, abstract, complex, and Chinese style.
Path: Settings - Wallpapers & style - Wallpapers - Inventive wallpapers.

Change theme colors with a single tap

ColorOS offers 6 to 12 different theme colors. Change your desired theme colors with a single tap to make the UI more in tune with your personality and preferences.
Quick Settings, switch buttons, radio controls, and page icons will all switch to your chosen color.
Path: Settings - Wallpapers & style - Colors.

Custom fonts

Change the font
You can change the default font of your phone to your preferred font downloaded from Theme Store.
Path: Settings - Wallpapers & style - Font - More.
Adjust the font size
You can adjust the font size on this page. The OPPO Sans font can adaptively change size based on the scenario.
Path: Settings - Wallpapers & style - Font.

Auto screen off

When your phone is not used, the screen will automatically turn off to save power and protect your privacy and security. Set the auto screen-off time based on your usage habits.
Path: Settings - Display & brightness - Auto screen off.

Auto screen rotation

Auto screen rotation rotates the screen automatically when you rotate your phone between portrait and landscape, for example, to send messages and watch videos.
Paths:
Swipe down from the top of the screen to open Quick Settings, and turn on ⟨🔲⟩.
Go to "Settings - Display & brightness" and turn on "Auto rotate".

Manage data usage effortlessly

Mobile data usage
Check your mobile data usage in "Settings - Mobile network - Data usage", and set a time to start monitoring your mobile data usage as needed.
To keep track of your daily mobile data usage, set a mobile data usage limit. When your mobile data usage reaches the limit, your phone will send you a notification.

Data saving
When data saving mode is turned on, apps in the background will not be able to use mobile data, whereas apps in the foreground will decide which data-saving measures to take, for example, reducing the image resolution. In addition, network tethering will be unavailable and the status bar will display the data-saving icon.
You can also set specific apps to be excluded from mobile data usage restrictions.
Path:
Settings - Mobile network - Data usage - Data saving.

Do Not Disturb

If you don't want to be disturbed at a certain time (for example, during a meeting or while sleeping), turn on Do Not Disturb to silence calls, reminders, and notifications that you receive.

Turn Do Not Disturb on
Path: Settings - Sound & vibration - Do Not Disturb.
In Do Not Disturb mode, incoming calls, reminders, and notifications will be silenced, except for calls from certain people, alarms, and timers. A crescent moon icon will appear in the status bar.
You can turn on Do Not Disturb manually or set a schedule. You can also set exceptions. Tap "Schedules" to specify the time to turn on Do Not Disturb and to set exceptions.

Set a schedule
For example, you can schedule Do Not Disturb to automatically turn on at 23:00 every night from Monday to Friday and off at 8:00 the next morning.

Set exceptions
Allow certain people and apps in Do Not Disturb mode. If you turn on "Ring for repeated calls", a second call from the same number within 3 minutes will not be silenced.

Turn on Airplane mode

You can turn Airplane mode on and off. In Airplane mode, your phone's Bluetooth, Wi-Fi, and mobile data connections will be disconnected.
Paths:
• Go to "Settings - Connection & sharing" and turn "Airplane mode" on and off.

• Swipe down from the top of the screen to open Quick Settings, and tap ✈ .

Restart and power off

To restart your phone:
• Press and hold the power button and volume up button, and then drag the white circle slider up.
• Press and hold the power button and volume up button simultaneously for at least 10 seconds.

Convenience features

Multi-Screen Connect

Multi-Screen Connect is a cross-device solution provided by ColorOS, with which you can connect your phone to a PC to mirror the phone screen to the PC, control the phone from the PC, and quickly transfer files and data between the devices.
Connect: Connect your phone to a PC via Bluetooth or by placing them close together.
Screencast: After the devices are connected, a phone clone will be automatically generated on the PC, which allows you to control your phone from the PC.
Cross-screen file editing: Open and edit a phone file directly with PC software. The edited file will be automatically saved to your phone.
File transfer: Drag and drop files to transfer, or quickly share files in a sharing box.
Data sync:
• Clipboard sync: Copy text from your phone and paste it onto your PC with one click.
• Notification sync: Notifications received on your phone will be synchronously displayed on your PC.
• Input method sync: Reply to phone messages directly from your PC.

• Photo sync: Photos or screenshots taken with your phone will be synced instantly to your PC so that you can save them.

How to connect:
• On your PC, go to https://connect.oppo.com/ to download and install Multi-Screen Connect.
• On your phone, go to "Settings - Connection & sharing - Multi-Screen Connect". Place your phone near the PC or scan the QR code on the PC to connect the devices.
PC minimum requirements:
• Operating system: Windows 10 64-bit v1903 (18362) or later.
• CPU: Intel Core i3 (2.4 GHz) or above.
• Memory: 8 GB or more.
• Network adapter: See the following list of applicable network adapters (Wi-Fi Direct is required; driver version October 2018 or later).
• PC needs to support Bluetooth 4.1 or later (to enable a short-distance connection).

Applicable network adapters:
Intel® Dual Band Wireless-AC 7265;
Intel® Dual Band Wireless-AC 8260;
Intel® Dual Band Wireless-AC 8265;
Intel® Dual Band Wireless-AC 3168;
Intel® Wireless-AC 9260;
Intel® Wireless-AC 9461;
Intel® Wireless-AC 9462;
Intel® Wireless-AC 9560;
Intel® Wireless-AC AC3165;
Intel® Wi-Fi 6E AX210 (Gig+);
Intel® Wi-Fi 6 AX200 (Gig+);
Intel® Wi-Fi 6 AX201 (Gig+);
Intel® Wi-Fi 6 AX1650;
Realtek RTL8821AE;
Realtek RTL8821CE;
Realtek RTL8822CE;
Realtek RTL8822BE;
Realtek RTL8188EE;
Realtek RTL8192ee;
Realtek RTL8723BE;
Realtek RTL8723DE;
Qualcomm QCA9377-5 SoC.

Smart Sidebar, the smartest and most convenient tool

Smart Sidebar is a convenience tool that is opened by swiping from the side of the screen. You can perform quick actions in different scenarios, for example, you can chat in a floating window, record the screen, take screenshots, send images, or switch between apps.

Turn Smart Sidebar on
Go to "Settings - Special features - Smart Sidebar", and turn on "Smart Sidebar".

When you are not playing a game, the Smart Sidebar is collapsed and displayed as a floating bar. Swiping in on the floating bar opens the Smart Sidebar, which contains shortcuts such as Screen translate, Screenshot, Screen recording, and Notes. You can add other apps to Smart Sidebar if desired.

To adjust the position of the Smart Sidebar, swipe in on the floating bar and hold until the Smart Sidebar shows up, and then drag it to your preferred position.

Tap "Edit" at the bottom of the Smart Sidebar. Available tools and apps will be displayed on the screen. Apps will be listed in alphabetical order so you can quickly find them and add them. You can reorder the tools and apps in the Smart Sidebar.

Tap an app in the Smart Sidebar to open it in a floating window, or drag an app that supports split screen out of the Smart Sidebar to open it in a split screen.

RAM expansion for super smoothness

RAM expansion uses some idle storage space as virtual RAM to increase the amount of RAM, so that the system runs more smoothly, apps open faster, and more apps can run in the background. It adds an extra 1–3 GB of RAM for 4 GB RAM phones, 2–5 GB of RAM for 6 GB or 8 GB RAM phones, and 3–7 GB of RAM for 12 GB RAM phones.
Path: Settings - About phone - RAM - RAM expansion.

Search for setting options

Open Settings and enter keywords in the top search box to search for relevant feature settings. Tap a search result to open the corresponding settings page. For example, if you search for "Bluetooth", Bluetooth-related settings will be displayed on the screen.

Control your phone without unlocking it

About screen-off gestures
You can use screen-off gestures to control your phone while the screen is off. The system's screen-off gestures work even when the phone is locked, but custom screen-off gestures do not.
Path: Settings - Additional settings - Gestures & motions - Screen-off gestures.

Gesture options
Use the following screen-off gestures based on your needs.
• Double-tap to wake or turn off the screen.
• Draw an O to open the camera.
• Draw a V to turn the flashlight on or off.
• Music control: When the screen is off, use two fingers to draw "||" on the screen to pause or resume music playback, or draw "<" or ">" to play the previous or next song.

Add a custom screen-off gesture

ColorOS supports custom screen-off gestures. Tap "Add gesture", select a gesture, and then select an action.

Motion-based smart calls

You can turn on "Lift to ear to answer calls", "Auto switch to receiver", or "Flip to mute incoming calls" based on your usage habits.
Path: Settings - Additional settings - Gestures & motions.

Quick Return

When you are waiting in a long queue for a taxi after work, waiting to be respawned in a game, or using a navigation app on a familiar route, you may want to switch to another app but worry about missing out on something important.

Quick Return lets you multitask with multiple apps. With just one tap, you can quickly switch back to your ride-hailing service, game, or navigation app.

Turn Quick Return on
Go to "Settings - Special features - Quick Return", and turn the switch on. You can also enable Quick Return for a single app.

Switch between apps with one tap
Imagine that you've just hailed a taxi and the car won't arrive for another 10 minutes. You don't need to stay in the ride-hailing app to check if the car has arrived. Switch to another app and Quick Return will be displayed as a floating bar on the screen with a countdown timer. When the car is about to arrive, tap Quick Return to go back to the ride-hailing app. In addition, you can activate multiple Quick Return tiles. To merge them, tap and hold any Quick Return tile.

Quick screenshots

You can use the system's screenshot tool to take screenshots, save the screenshots to Photos, and share them to social media. Use the following methods to take a screenshot.

3-finger screenshot
Go to "Settings - Additional settings - Screenshot", and turn on "3-finger swipe down". Then swipe down with three fingers on any screen to take a quick screenshot.

A preview floating window will be displayed on the left of the screen. To share the screenshot, tap "Share". To take a scrolling screenshot, tap "Scroll".

Tap the preview floating window to display the screenshot in full screen. You can crop, send, mark up, edit, or delete the screenshot.

Partial screenshot
Turn on "3-finger touch and hold", and tap and hold with three fingers on the screen to take a partial screenshot.

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

Use Smart Sidebar to take a screenshot
1. Go to "Settings - Special features - Smart Sidebar", and turn on "Smart Sidebar".
2. Open Smart Sidebar and tap "Screenshot".

Use Assistive Ball to take a screenshot
1. Go to "Settings - Additional settings - Assistive Ball", and turn on "Assistive Ball".
2. Choose "Tap menu".
3. Tap the Assistive Ball and tap the Screenshot icon.

Take a scrolling screenshot
Take a screenshot and then tap "Scroll". The screen will automatically scroll. You can also drag the preview floating window down to cover the content you want to capture. Tap "Done" to save the screenshot as a scrolling screenshot.

Edit a screenshot
After you take a screenshot or scrolling screenshot, tap the screenshot to mark up, crop, rotate, add filters or text, or make a mosaic out of the screenshot.

Share a screenshot
After you capture a screenshot, tap "Share" to quickly share the screenshot with your friends via OPPO Share, Weibo, or WeChat.

Split screen for doubled efficiency

Split screen lets you use two apps easily at the same time. For example, you can chat with your friends while watching videos.

Path: Settings - Special features - Split screen.

To open a supported app in a split-screen window:
• Swipe up with three fingers to enter split screen mode.
• In multitask mode, tap the More icon in the upper-right corner of the app and choose "Split screen".

Resize the split-screen windows
Drag the separating line to adjust the size of the split-screen windows.

Swap the views
You can swap the split-screen apps' positions.
Tap the button in the middle of the separating line, and tap ⇅ .

Exit split screen mode
To exit split screen mode:
• Drag the separating line to the top of the screen to close the app in the upper window or to the bottom to close the app in the lower window.

Use App cloner to balance your work and life

App cloner enables you to effortlessly clone apps for different accounts on your phone. The cloned apps run independently from their original apps and will not interfere with each other.
To clone an app, both your phone and the app must support App Cloner. If it does not work, the app or phone does not support this feature. Data cannot be transferred between a cloned app and a PC. Up to two apps can be cloned at the same time.
Path: Go to "Settings - Apps - App cloner" and choose an app to clone. Apps such as WhatsApp, Facebook Messenger, LINE, Facebook, imo, Instagram, Skype, Telegram, and WeChat can be cloned.

Multitask with Flexible windows

Flexible windows (formerly FlexDrop) of ColorOS has been optimized to allow you to open multiple app windows on your phone through simple gestures, so you can make full use of the large screen to multitask for work and entertainment easily and efficiently.
To open an app in a floating window, swipe up in the app and hold at the top of the screen.

You can tap menu options in the floating window to switch the app to full screen or to close the window. You can also drag an edge of the floating window to change its size. When minimized, the floating window turns into a mini window, where the elements are not tappable. When maximized, the floating window is displayed in full screen. You can drag files from the floating window to another full-screen app to easily transfer the files.

Flexible windows now has a Button-free mode for a cleaner-looking interface. Turn on this mode in "Settings - Special features - Flexible windows" to hide the "Full screen" and "Close" buttons. To close a window in this mode, simply double-tap the top of it.
For example, to record the story behind a photo in Photos, you can display the photo in a floating window, create a note, and then directly drag the photo into the note. The whole process can be done in one go and is more direct and smoother than adding the photo into a note in Notes.
A mini window displays app content in real time. A single tap on the center of the mini window will turn it into a floating window, and a double tap will switch it to full screen.
If you switch a video in landscape mode to a floating window, the video will continue to play in landscape mode.
Flexible windows help you multitask more efficiently. For example, you can chat while watching a show, or check documents while having an online meeting. In addition, you can find the last two apps that you opened in a floating window in Smart Sidebar so you can quickly switch to the apps when needed.

Smart power saving for a longer battery life

ColorOS offers various power-saving strategies for different usage scenarios.

Power saving mode
ColorOS automatically detects power usage issues on your phone. Power saving mode can help address the issues quickly to extend battery life.
Path: Settings - Battery - Power saving mode.

Battery usage
Go to "Settings - Battery - Battery usage " to view the details of your apps' power usage for the last 24 hours, how long an app has run in the foreground and background, and how much power it consumes.

Sleep standby optimization
Go to "Settings - Battery - More settings" and turn on "Sleep standby optimization".
When you are sleeping, your phone will enter a low-power state, which uses less power and pushes notifications less frequently.

High performance mode
Go to "Settings - Battery - More settings" and turn on "High performance mode".
Your phone will run in a high performance state but consume more power.

Super power saving mode
When your phone runs low on battery, Super power saving mode extends its battery life through strict power-saving strategies such as limiting the number of running apps and clearing background apps to give you peace of mind.
Path: Settings - Battery - Power saving mode - Super power saving mode.

Lab data shows that Super power saving mode allows you to text chat on WeChat for 90 minutes with only 5% of the battery left.
* The test data for the Super power saving mode comes from reports provided by the TÜV Rheinland laboratory. The battery life was tested using WeChat text chat while keeping the Super power saving mode on. The device was exposed to a constant temperature of 25°C, with Wi-Fi activated and 135 nit screen brightness. The actual time may vary due to the specific conditions of the WeChat text chat function.

Quick Settings, instant access

Use Quick Settings to quickly turn the flashlight, Wi-Fi, and NFC on and off, use the calculator, and more. To open Quick Settings, swipe down from the top of the screen.

To access settings of a feature, tap and hold its icon. For example, tap and hold the Eye comfort icon to go to the Eye comfort settings page, where you can adjust the screen color temperature and set a schedule.

Manage icons

Add the features you use the most to Quick Settings. Swipe down from the top of the screen to open Quick Settings, tap "Edit tile" in the upper right corner to enter edit mode, and then tap and hold and drag an icon to edit or add it.

Shortcuts
- Airplane mode: In Airplane mode, mobile data is turned off.
- Mobile data: Allow or do not allow apps/services to use the mobile network for internet access.
- Wi-Fi: Turn on Wi-Fi to browse webpages, download movies, and more.
- Bluetooth: Turn on Bluetooth to pair your phone with other Bluetooth devices such as earphones and car kits.
- Personal hotspot: Turn on your personal hotspot to share your phone's network connection with other devices such as your PC.
- OPPO Share: Use OPPO Share to share your photos, videos, location, and more with other OPPO devices nearby.
- NFC: Turn on NFC to enable contactless payment and data transfer.
- Location services: Allow apps and system services to access your location.

Sound control
- Silent mode: Quickly silence the calls and notifications that you receive.
- Do Not Disturb: Silence incoming calls and notifications. You can also set a Do Not Disturb schedule.

Assistive tools
- Assistive Ball: Enable Assistive Ball to make your phone easier to use.
- Auto rotate: The screen will automatically rotate when you rotate your phone.
- Screen Lock: Lock the screen with a single tap.

More shortcuts
- Flashlight: Quickly and easily turn on the flashlight next to the rear cameras.
- Calculator: Open Calculator to convert live exchange rates or perform other calculations.
- Keyboard: Tap to change the input method.
- Clean storage: Clean your phone's storage with one tap.
- Power saving mode: Turn on Power saving mode.
-
- Record screen: Tap to record your screen.
- Eye comfort: Adjust the screen color temperature to make the screen light warmer and softer for eye protection during nighttime or in dim environments.
- Screencast: Mirror your phone's screen to a TV, TV box, and other large screen devices via Wi-Fi Display technology.

Use notification drawer to manage notifications

Notification drawer shows notifications from apps that are allowed to push notifications. You can scroll back and see what you're interested in. To open the notification drawer, unlock your phone and swipe down from the top of the screen.

View a notification

Tap a notification to view its details.

Allow notification snoozing
Swipe left on a notification, tap ⊙, and set a time. The system will push the notification again at the set time.
Go to "Settings - Notifications & status bar - More settings" and turn on "Allow notification snoozing".

Manage the notification permission for an app
Swipe left on a notification and tap more settings to enter the settings page of the app that sends the notification, where you can turn off the notification permission for the app. You can also manage the notification permission for all your apps in "App notifications".
Path: Settings - Notifications & status bar - App notifications.
Tap an app to specify which notifications you want to receive and set the badge style based on your preferences and usage habits. Tap the app name to adjust more detailed settings.
- If you choose "Dot", a red dot will be displayed to indicate unread notifications. You can also choose to not show a badge to keep the home screen simple and clean.
- To receive notifications from the app on the lock screen, choose "Lock screen".
- To receive banner notifications from the app, choose "Banner".
- To set a special ringtone for notifications from the app, tap "Ringtone" and choose your preferred ringtone.
- You may also allow the app's notifications even if your phone is in Do Not Disturb mode, so you will not miss any important notification from the app.

Status bar

The status bar is displayed at the top of the screen. The status icons on the left side indicate the time, carrier, and network connectivity, and those on the right side indicate the battery level and some features.
For a visual presentation of the battery percentage and network speed, turn on the switches.
To show app notifications in the status bar, tap "Notification icons" and choose to show an icon or number.
Path: Settings - Notifications & status bar.

Clock

If you need your phone to ring or vibrate at a particular time, you can set an alarm in the Clock app.

Create an alarm
- Open Clock and tap "Alarm" at the bottom.
- Tap "+" to add an alarm.
- Tap "Ringtone & vibration" to set a ringtone for the alarm. If you turn on "Weather adaptive", the alarm will sound adaptively based on the weather scenario.

- If you turn on "Snooze", the alarm will sound again in 5 minutes after you snooze it by pressing the Power button or a volume button or the alarm sounds continuously without being turned off.
- Tap the save button after you complete the settings.

Edit or delete an alarm
- To edit an alarm, tap it in the alarm list.
- To enable or disable an alarm, turn the switch for the alarm on or off.
- To delete an alarm, tap "Edit" in the upper right corner, select the alarm, and delete it, or tap and hold the alarm in the alarm list and delete it.

World clock
Use the Clock app to check the local time in different time zones.
1. Open Clock and tap "World clock".
2. Tap "+" and enter a city, country, or municipality in the search box.
3. Add the local time of that location to your world clock list.
4. To delete a world clock from the list, tap "Edit" in the upper right corner, select the world clock, and tap "Delete", or tap and hold the world clock in the list and tap "Delete".
5. To add a world clock to your home screen, tap and hold on the home screen, tap "Widgets", and drag the world clock to a preferred position on the home screen.

Time display settings
Set the 24-hour or 12-hour clock format.
1. Open Clock.
2. Tap the Settings icon in the upper right corner and tap "Date & time".
3. You can choose from 24-hour format and 12-hour format.

Use network-provided time
1. Open Clock.
2. Tap the Settings icon in the upper right corner, tap "Date & time", and turn on "Set time automatically" and "Set time zone automatically". Your phone will automatically calibrate the time and time zone when it is connected to a network.

Custom time & time zone
1. Open Clock.
2. Tap the Settings icon in the upper right corner and tap "Date & time".
3. Turn off "Set time automatically" and "Set time zone automatically", and manually change the time zone and time.

Set Dual clock
1. Open Clock and tap the Settings icon in the upper right corner.
2. Tap "Date & time" and turn on "Dual clock".
3. When you are away from your home, the lock screen or clock widget will display the time in two different areas.

Where to find Dual clock
1. Open Clock and tap the Settings icon in the upper right corner.
2. Tap "Date & time - Dual clock - Display Dual Clock On", and choose the lock screen and clock widget.

Use Stopwatch

1. Open Clock and tap "Stopwatch". Tap the Start button at the bottom to start a stopwatch. You can open other apps at the same time, and the stopwatch will continue to run.
2. To record laps or split time, tap the flag icon in the lower right corner.
3. To stop the stopwatch, tap the Stop button. To clear records, tap the Reset icon in the lower left corner.

Use Timer
Use Timer in the Clock app to set a countdown for multiple events, making it easier to better manage the time.
1. Set a countdown time and tap the Start button.
2. To pause the countdown, tap the Pause button. To exit the countdown, tap the Reset icon.

Preset timers
• System preset timers
The system has three preset timers: Brush teeth, Face mask, and Steam eggs. Select and tap a timer to start it.
• Personalized timers
You can set up a personalized countdown timer as needed. Tap the Add button, for example, add a timer labeled "Study" with a 20-minute countdown, and then tap "Save".
To delete an unwanted timer, tap "Edit" in the upper right corner or tap and hold the timer to enter edit mode.

Start your day comfortably with Weather adaptive

Weather adaptive is a user-friendly ColorOS sound feature that OPPO has carefully designed. It changes your alarm sound dynamically based on the weather condition, so that you can wake up every day in a good mood, ready for the day ahead.
Path: Open an alarm, tap "Ringtone & vibration", and choose "Weather adaptive".

Check the weather

Use the Weather app to check the weather in different cities in real time.

Allow Weather to access your location
Weather requires access to your location to provide you with accurate weather services.
•   Go to "Settings - Privacy - Permissions - Permission manager".
•   Tap "Location", select the Weather app, and choose "Allow only while using the app".

Check the current weather and forecast
Use Weather to check the current weather and weather forecast for your current location or in the other cities.
•   When you open the Weather app, the weather details for your current location are available.
•   To check the current day's hourly forecast, scroll down and then swipe left or right.
•   To view the air quality, visibility, UV index, humidity, and more, scroll down to the bottom of the screen.
•   Tap "15-day weather forecast" to view more weather information on a webpage.

Check the weather in other cities
Check the weather in other cities to better manage your trip.
- Open Weather and tap the building icon in the upper right corner to enter the "Manage cities" page.
- Enter the name of the city you want to add, and tap the city.
- Swipe left or right on the Weather screen to check the weather in another city.
- To delete a city from your weather list, go to "Manage cities", tap "Edit" in the upper right corner, select the city, and tap "Delete".

Use Calculator to perform calculations

Use Calculator to perform calculations
In the Calculator app, you can add, subtract, multiply, and divide. You can also use it for exponential, logarithmic, and trigonometric functions, as well as conversions of the live exchange rate, length, area, volume, speed, weight, temperature, power, pressure, and other units.

Basic calculations
- Open Calculator to perform basic calculations such as addition, subtraction, multiplication, and division.
- To clear the display, tap the Clear (C) key.
- To view the calculation history, tap "Records" in the upper right corner.

Use the scientific calculator
Tap the Scientific calculator button in the upper right corner.

Calculate live exchange rates
Use the currency conversion feature to easily convert between multiple currencies based on the latest exchange rate data from Webull.
You can tap and hold the conversion result to copy it to the clipboard.

More unit conversions
You can also convert units such as length, area, volume, speed, weight, temperature, power, and pressure.

Enter small window mode
In small window mode, you can view calculated values while using another app (such as WeChat) without needing to switch between the apps. Tap the button in the upper left corner, and the calculator will be displayed in a small floating window. You can adjust the visibility as you like.

Use Compass to find your way

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

Allow Compass to access your location

Compass requires access to your location to work properly.
- Go to "Settings - Privacy - Permissions - Permission manager - Location".
- Select the Compass app and choose "Allow only while using the app".

Calibrate Compass
Calibrate Compass before you use it for the first time. Move away from interference sources and swing your phone.

Find your bearings
Use Compass to help navigate the direction.
- Hold your phone flat.
- The direction your phone is pointing is shown below the compass.
- Your latitude and longitude coordinates are shown at the bottom of the screen.

Use Phone features

To start a call in the Phone app, dial the number on the keypad, tap a favorite or recent call, or choose a contact in your Contacts list.

Dial a number
Dial a number on the dial pad to make a call.
- Open Phone and enter the number using the dial pad.
- If you make a mistake, tap the Delete key.
- Tap the input bar above the keypad, tap "Paste" to paste a number, and tap the dial button to call that number.
- If you're using dual SIM cards, tap the dial button for the number you want to use.

Return a recent call
To view recent calls and return a recent call:
- Open Phone and tap a number to call back.
- Tap ⓘ next to a number to view more details about the call.

Add a favorite
Open Phone, tap "Contacts", tap a contact in the list, and tap the star button.

Delete a favorite
Open Phone, tap "Contacts", tap a contact in the list, and tap the star button to delete.

Manage incoming calls
You can answer, silence, or decline an incoming call or respond with text.

Answer a call
You can answer a call manually or automatically.
- Tap the answer button to answer the call. If you're on the lock screen, swipe the button to answer the phone.
- You can also enable auto call answer when Bluetooth devices such as earphones are connected. Open the dialer, tap "Settings - Answer/End calls", turn on "Auto answer calls

when connected to external audio device", and set a duration of time to wait until a call is auto-answered.

Silence a call
If you don't want to be disturbed by an incoming call, press the volume down button to silence it.

Block calls
- Open Phone, tap a contact, tap the setting button and choose "Block numbers" to add it to the blocklist.
- Calls, video calls, and SMS messages from the contact will be blocked.

Reply with a message
When you decline a call, you can reply with a message. Open the dialer, choose "Settings - Quick responses", and tap a quick reply or enter your own reply.

While on a call
Adjust the audio
Do any of the following:
- Adjust the volume: Press the side volume buttons to increase or decrease the volume.
- Mute: Tap .
- Put the call on hold: Tap .
- Talk hands-free: Tap to switch to Speaker mode.

Use another app while on a call
Do the following:
- Go to the Home screen and open the app you want to use.
- To return to the call, tap at the top of the screen.

Set ringtones and vibrations
Adjust the ringtone volume, or use vibrations and turn the ringer off based on your needs. You can also set the default ringtone or assign distinctive ringtones to certain contacts.

Turn the ringer on or off
You can adjust the ringtone volume or turn the ringer off.
Press any side volume button, and a volume bar will be displayed on the left of the Home screen. Tap the ringer icon to turn it off and use vibrations.

Change the reminder ringtones and vibrations
Change the reminder ringtones and vibrations as needed.
- Go to "Settings - Sound & vibration".
- Turn "Vibrate on ring" and "Vibrate on silent" on or off.
- Tap "Ringtone" to set the default ringtone. You can choose from the system's ringtones, online ringtones, or your audio files.

Use Messages

Send and receive text messages
Start a conversation
In the Messages app, you can talk to one or more contacts.
- Open Messages and tap "Start chat" in the lower right corner.
- Enter one or more phone numbers in the recipient bar, or tap 🖎 and choose one or more numbers from your recent calls, groups, or Contacts list.
- Tap the text field, type your message, and tap the send button to send.
- If the message is sent successfully, "Sent" will appear below the message bubble.
- Double tapping a message bubble will make the text larger.

Search for a message
Sent and received messages will be automatically saved to your Messages list for you to search for at any time.
- In the Messages list, tap the name of a contact to view your conversation history.
- If there are too many messages in the list, you can enter keywords (such as a contact name or message content) in the search box to search for a specific message.

Send photos, videos, and audio messages
In the Messages app, you can send photos, videos, and audio messages using the SMS and MMS services.

Send a photo
1. Tap the camera and photo button to the left of the input box and choose a photo from Photos.
2. Tap the Shutter button to take a photo, and edit it.
3. Tap the photo in the input box to view or delete it.
4. Tap the Send button to send the photo.

Send a video
1. Tap the camera and photo button to the left of the input box.
2. Choose a video stored on the phone or use the camera to record a video.
3. Tap the video in the input box to play or delete it.
4. Tap the Send button to send the video.

Send an audio message
1. Tap and hold the microphone button to record the audio.
2. Release the microphone button to stop recording.
3. Tap the audio icon in the input box to play or delete it.
4. Tap the Send button to send the audio message.

Check photos, videos, and audio messages
- Videos, photos and audio messages can be checked directly in Messages.

Send a contact card
Use Messages to share contact cards with others.

- Tap + to the left of the input box and tap 🖎.

- To send the contact, choose the contact from your Contacts list, add it to the input box, and tap the Send button.

Delete and block messages
Delete messages
In the Messages app, you can delete messages one by one or in batches.
- To delete a single message in a conversation, tap and hold the message bubble and tap "Delete".
- To delete messages in a batch, tap and hold a message and choose the messages you want to delete, and tap the delete button.

Delete a conversation
To delete the conversation with a contact:
- Find the conversation in your Messages list.
- Tap and hold the conversation and tap "Delete".

Block messages
Adjust the system settings to block and filter unwanted messages.
- Open Messages and tap the button in the top right corner - Spam & blocked - Blocked contacts.
- Turn on "Block calls from unidentified callers " to block all messages from unknown numbers.

Use My Files to manage files

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

Quickly sort and view files
My Files automatically detects and sorts files into categories such as audio files, videos, photos, documents, APK files, cloud drive files, QQ files, and WeChat files.

You can quickly access the categories from the home page to manage files in a simple and easy manner. For example, all images are displayed in the same way as the Photos app. The "Recents" tab shows the files added in the last 30 days in chronological order.

Manage folders
Open My Files and tap "Device storage" to manage files in hierarchical folders.

Set a file as private
Private files will not be displayed in My Files and can only be viewed in Private Safe.

To set a file as private, touch and hold the file, tap "More", and choose "Set as private".
To access Private Safe, touch and hold the "Recents" or "Files" tab on the home page. You can add a Private Safe shortcut to the home screen to easily re-access it later.

Before using Private Safe, you need to set a privacy password.
Go to "Settings - Password & security - Privacy password", and set up a privacy password and security questions.

Print files from your phone
Is it possible to print photos and documents without a computer? Yes. You can use your phone. With the ColorOS wireless printing service, you can connect your phone to a printer and print spreadsheets, to-do lists, and personal photos easily.

1. Print a document
*   Make sure the printer is Mopria certified and connected to the same LAN as your phone.
*   Open My Files, open the document you want to print, tap "Send", and choose "Print".

• Select and connect to the printer, preview the document, and set the printing parameters.
• Tap "Print" to print the document.

2. Print a photo
• Make sure the printer is Mopria certified and connected to the same LAN as your phone.
• Open Photos, open the photo you want to print, tap "Send", and choose "Print".

• Preview the photo and set the printing parameters.
• Tap "Print" to print the photo.
Note: Only photos and PDF files can be printed.

Keep your phone safe with Phone Manager

Phone Manager is a security and optimization center that provides useful tools such as Virus scan, Clean up storage, and Privacy permissions.

Scan and optimize your system
When you open Phone Manager, it automatically detects and scores the system's overall performance. Factors such as junk files, security risks, and power saving optimization being disabled will result in a low score.
Tap "Optimize" to quickly optimize the system.

Clean up storage
Tap "Clean up storage" to quickly access the storage cleanup page. You can also access the page through "Settings - About phone - Storage - Clean".
On the page, you can tap to clean app caches, ad caches, unnecessary APK files, and uninstallation residual files with confidence. The system classifies these files as "junk files safe to clean" through automatic file type analysis.

Virus scan
Tap "Virus scan". The system will automatically scan for viruses and malware on your phone. If any virus or malware is detected, tap the button on the page to remove it.
To change the virus scan engine, open Phone Manager, tap the Settings icon in the upper right corner, and tap "Virus scan engine".

Payment protection
Tap "Tools - Payment protection". The system will automatically scan the current payment environment to check whether the system has been updated with the latest security patches,

whether the current network connection is reliable, and whether any malicious apps exist. Make sure you pay or manage your personal property in a secure payment environment.

Manage protected apps
To enable payment protection for a payment, banking, or finance app, go to "Payment protection" and turn the switch for the app on. The system will prevent third-party apps from detecting the app status to keep your payment process private and your personal property safe.

Diagnostics
The Diagnostics tool functions as your phone's safety center to detect potential security risks as well as software and hardware faults.

Start a diagnosis
• Tap "Diagnostics", select items, and tap "Run diagnostics".
• During the diagnosis, you can choose to skip some items.
• When the diagnosis is complete, a diagnostic report will be generated on the current functionality of the phone's hardware and software.

View historical diagnostic reports
Tap "Records" to view previous diagnostic reports.

Use Theme Store to personalize your phone

In the Theme Store app, you can download and change themes, wallpapers, ringtones, fonts, and more to personalize your phone.

Download resources
Enter a resource name in the top search box to search for the resource, or tap the "Themes", "Fonts", "Wallpapers", or "Ringtones" tab to view and download resources in that category.

Change the theme
Open Theme Store and tap "Me - My resources" to view your themes.
Themes include the system's themes and themes downloaded from Theme Store.
A theme contains multiple elements such as the lock screen, UIs, home screen wallpaper, and icons. Applying a new theme changes all these elements by default.

Change the wallpaper
Open Theme Store and tap "Me - My resources" to view your wallpapers.
Wallpapers include the system's wallpapers and wallpapers downloaded from Theme Store.
Tap "Apply" to use a wallpaper.
You can use it as your home screen wallpaper, lock screen wallpaper, or both.

You can also use a photo from Photos as a wallpaper.
Open Photos or My Files, open the photo, and tap "More - Set as wallpaper".

Change the font
Open Theme Store and tap "Me - My resources" to view your fonts.
ColorOS provides a default font. You can also download other fonts from the Fonts page.

Tap "Categories" and search for a font by type, color, format, style, or language.
Download the font you like, go to "My resources", and tap "Apply" to use the font.

Change the ringtone
Open Theme Store and tap "Ringtones". Download your desired ringtone and set it as your call ringtone, message ringtone, calendar alert sound, or notification sound.

Manage resources
To delete resources:
• Go to "My resources" and tap the edit icon in the upper right corner.
• Select the resources you want to delete (the system's resources cannot be deleted).
• Tap "Delete".

Use Recorder to make your work and life easier

The ColorOS system's Recorder app (in the "Tools" folder on the home screen by default) lets you use the phone's built-in microphones to record daily conversations, lectures, musical ideas, calls, and more.

Make a standard recording
Open Recorder and tap the red button to start recording. You can use another app while recording, and the recording will continue in the background. To go back to Recorder, tap at the top of the screen, or swipe down to open the notification drawer and tap the ongoing recording task.

Record a conference/interview
Use the Conference recording or Interview recording mode to record a conference or interview. These modes have been optimized based on the usage scenarios for better recording results.
• Conference recording: Suitable for recording multi-person conferences, with enhanced vocal recording for clearer speech.
• Interview recording: Suitable for recording two-person dialogs. To use this mode, point the top and bottom of the phone at the interviewer and interviewee respectively. The microphones at both ends will be used to record the conversation.

Manage recordings
• Recording files are listed on Recorder's home page, named by default as "Mode + number".
• Tap and hold a recording file to share, rename, or set it as a ringtone.

Mark a recording
• Tap the name of a recording file to enter the playback page which includes a progress bar and waveform.
• Tap the flag icon to mark an important time point.
• Marks are named by default as "Mark + number". To rename a mark, tap the icon to the right of the mark.

Use screen recording to capture wonderful moments

With the screen recording feature, you can record screen activities and exciting game moments to share on social media. You can pause or resume a screen recording at any time.

Start screen recording from Quick Settings
1. Swipe down from the top of the screen to open Quick Settings.
2. Tap "Screen recording" and then tap the red button to start recording.

Start screen recording from Smart Sidebar
The screen recording feature is also available in Smart Sidebar.
1. Go to "Settings - Special features - Smart Sidebar", and turn on "Smart Sidebar".
2. Swipe on the screen to open Smart Sidebar, and tap "Screen recording" to start recording.

Change your screen recording settings
Adjust the screen recording settings to suit your needs through the following path.
Path: Settings - Additional settings - Screen recording.

Capture the microphone sound while screen recording
ColorOS allows you to capture sound while recording the screen. If you want to add your voice commentary to a screen recording video, turn on "Record microphone sound" before recording. Your voice will be recorded in the screen recording video.
Path: Settings - Additional settings - Screen recording - Record microphone sound.

Set the screen recording definition
Before recording, change the screen recording definition as needed.
The higher the definition, the clearer the image and the larger the file size. A lower resolution results in a lower image quality, but the video file will take up less storage space and a longer period of time can be recorded. It will be easier to post-process.

Three definition options are available:
• 	High (1080p at 16 Mbps)
• 	Medium (720p at 8 Mbps)
• 	Low (480p at 4 Mbps)
You can also customize the screen recording definition and bitrate based on your needs.
Path: Settings - Additional settings - Screen recording - Definition.
* The highest definition may vary between phones.

Use the front camera while screen recording
If you want to capture a video using the front camera while screen recording, go to the screen recording settings and turn on "Record front camera video".
Path: Screen recording - Record front camera video
.

Record screen taps
To record your actions on the screen, go to the screen recording settings and turn on "Show screen touches".
Path: Settings - System settings - Screen recording - Show screen touches.

Use Clone Phone to transfer data easily

When replacing your phone, use Clone Phone to easily transfer all data (including settings, photos, contacts, and apps) from your old phone to your new phone, so that you can have the same experience on your new phone without going through the tedious configuration process.

Transfer data from an Android phone
Install OPPO Clone Phone on both devices and make sure the phones have sufficient battery power. You can download OPPO Clone Phone at https://i.clonephone.coloros.com/download.

- Tap "This is the new device" on the new phone and "This is the old device" on the old phone. Use the old phone to scan the QR code on the new phone to connect the phones.
- Select the data to transfer and wait until the transfer is complete.

Transfer data from an iPhone
Open Clone Phone on your new OPPO phone, tap "iPhone", and then sign in to your iCloud account to transfer the data you want.

Set the input method

Text plays an important role in information recording and exchange. An easy-to-use input method can help you type more efficiently.
Select a keyboard and input method

Change the default input method
Go to "Settings - Additional settings - Keyboard & input method" to change the default input method.

Use the secure keyboard for passwords
Turn on "Secure keyboard for passwords". When you type a password, the security keyboard will be activated automatically to protect your data security.
Use the keyboard to type text
In any app that allows text input, tap the text field to open the keyboard to type.

Use OPPO Share to transfer files quickly without using data

OPPO Share offers a hassle-free way to transfer phone files. You can use it to share files quickly with other nearby OPPO phones without using mobile data.
• On the target phone, tap ⬚ in Quick Settings to turn OPPO Share on.
• Open the file you want to share, and tap the recipient's profile picture in "OPPO Share".
To use OPPO Share, you need to turn on both Wi-Fi and Bluetooth on your phone; otherwise, your phone will automatically turn them on when OPPO Share is turned on.

Use Accessibility mode

Accessibility features are provided to help all our users enjoy using their OPPO phone.
Path: Settings - Additional settings - Accessibility.

TalkBack
TalkBack reads out what is on the screen, so that you can use the phone even if you can't see the screen.

Turn TalkBack on
Go to "Settings - Additional settings - Accessibility - Vision - TalkBack", and turn the switch on.

Set up TalkBack
Go to "Settings - Additional settings - Accessibility - Vision - TalkBack", and tap the Settings icon in the upper right corner to enter the settings page.
Adjust the settings such as the voice, other feedback, navigation, gestures, and shortcuts to suit your needs.

Use TalkBack
Do the following:
• Swipe right or left to switch between items.
• Double-tap an item to activate it.
• Swipe with two fingers to scroll.

Turn TalkBack off
To turn TalkBack off:
Go to "Settings - Additional settings - Accessibility - Vision - TalkBack".
Tap to select the switch and then double-tap the switch. Tap "Close" in the dialog box, and double-tap "Close".

Accessibility Menu
Accessibility Menu provides a large on-screen menu for phone control, so that you can easily and quickly find the UIs or features you want to access.
Turn Accessibility Menu on
Go to "Settings - Additional settings - Accessibility - General - Accessibility Menu", and turn the switch on.
To open the Accessibility Menu, tap the icon in the lower right corner.
Turn Accessibility Menu off
Go to "Settings - Additional settings - Accessibility - General - Accessibility Menu", and turn the switch off.
Note: You can touch and hold the icon in the lower right corner to switch between the Accessibility Menu and Select to Speak.

Select to Speak
Select to Speak lets you tap on specific content on the screen to hear it read out.
Turn Select to Speak on
Go to "Settings - Additional settings - Accessibility - Vision - Select to Speak", and turn the switch on.
To use Select to Speak, tap the icon in the lower right corner.

Set up Select to Speak
Go to "Settings - Additional settings - Accessibility - Vision - Select to Speak", and tap the Settings icon in the upper right corner to enter the Settings page.
Adjust the settings such as read in background and read image text to suit your needs.
Use Select to Speak
Do the following:
• Tap on a single text paragraph.
• Tap and drag to select multiple paragraphs.
• Tap the play button to hear all content on the screen.
Turn Select to Speak off
Go to "Settings - Additional settings - Accessibility - Vision - Select to Speak", and turn the switch off.
Note: You can tap and hold the icon in the lower right corner to switch between the Accessibility Menu and Select to Speak.

Switch Access
Switch Access helps you control your phone and tablet if you have difficulty touching the screen or pressing the buttons. With Switch Access, you can use one or more switches to select content, scroll through pages, enter text, and more.
Turn Switch Access on
Go to "Settings - Additional settings - Accessibility - Interaction - Switch Access", and turn the switch on.
Set up Switch Access
Go to "Settings - Additional settings - Accessibility - Interaction - Switch Access", and tap the Settings icon in the upper right corner to enter the Settings page.
Adjust the settings such as custom switches, custom scanning, display & sound, and switch accommodation to suit your needs.
Turn Switch Access off
Go to "Settings - Additional settings - Accessibility - Interaction - Switch Access", and turn the switch off.

Personalized settings
Adjust the settings of features such as Click when pointer stops, Press power button to end calls, and Touch & hold delay to suit your usage habits.
Path: Settings - Additional settings - Accessibility

Text to speech (TTS) output
To customize TTS output:
Go to "Settings - Additional settings - Accessibility - Vision - Text-to-speech settings".
Tap ⊚ to the right of "Preferred engine" to download and install your preferred voice.
You can also change the language (Chinese or English), speech rate, and pitch based on your habits.

Caption preferences
You can adjust the audio and on-screen text settings for a better user experience.
Path: Settings - Additional settings - Accessibility - Hearing.

Use Zen Mode to stay focused

Immerse yourself in your work or studies with Zen Mode. In Zen Mode, your phone plays soothing nature sounds and blocks calls and notifications to help you concentrate.

Access Zen Mode
Open Quick Settings and tap "Zen Mode".

Set a focus period
At the center of the screen, set a focus period of 1 minute to 120 minutes. During this period, all apps will be disabled and hidden, and all messages and notifications will be blocked.

Choose an ambient sound
There are several ambient sound options available. Choose one to help you stay in the moment.

Choose a theme
You can swipe left or right to switch between themes, and choose to tun on or off the theme sound.

Find your inner peace with O Relax

O Relax is an app that helps you relax, sleep better, and stay focused. There are plenty of features to help you relax, including relaxing games, soothing music and ambient sounds, and high-definition videos and images that will take you to a calmer place.
You can download O Relax in App Market.
listen
Open O Relax, tap the menu in the upper-right corner, and choose "listen" to listen to soothing sounds.
Swipe up from the bottom of the screen to choose from different types of soothing sounds, such as ambient sounds, music, and colored noise. You can also tap the button to create your own soothing sounds by mixing various white noises together. Dozens of sounds (grouped into categories like nature, life, cities, and ASMR) are provided for you to discover new sound possibilities.

unwind
Open O Relax, tap the menu in the upper-right corner, and choose "unwind" to find a range of relaxing games that help make the stress melt away.

explore
Want to explore cities around the world without your passport? Open O Relax, tap the menu in the upper-right corner, and choose "explore".
• Tap "Alien world" to explore an alien world filled with mysteries.
• Tap "Cities" to listen to sounds collected from cities around the world, including Shenzhen, Shanghai, Beijing, Chengdu, Tokyo, and Bangkok.

Use Simple mode to make your phone simpler

ColorOS Simple mode means a more concise home screen layout, larger icons and fonts, and easier use.

Path: Settings - Special features - Simple mode.

Use Multiple users mode to share your phone safely

Got your personal information mixed up on a shared device? Need an easier way to separate your work and personal life? Want to maintain your privacy when lending out your phone?
Multiple users mode allows you to create multiple accounts. Each account has an independent password, and data from different accounts is kept separate to maintain everyone's privacy.
1. Go to "Settings - Users & accounts - Multiple users".
2. Tap "Add" to set up a private space. Install apps and set wallpapers which are unique for the space.
3. Tap "Owner" or "Guest" to quickly switch to the corresponding space.

Back up your phone data and keep your data safe

When replacing your phone, phone backups can help you quickly set up your new phone. There are two ways to back up your phone data.

Local backup
Go to "Settings - Additional settings - Back up & migrate - Local backup", and select the data you want to back up, including:
1. Contacts
2. Messages
3. Call logs
4. Preference settings
5. Apps (excluding app data)
Tap "Start". The data that you select will be backed up in your phone storage (path: storage/Backup). The process will take some time. During the process, do not restart or turn your phone off to prevent data loss.
Note: All local backup data will be cleared if you wipe data and cache the partition, erase all data, or restore your phone to its factory settings. You are advised to back up files and data on an external storage device or PC in advance.

Backup on a PC
Connect your phone to a PC with a data cable. Tap "Transfer files" on the phone. On the PC, open "Internal shared storage" and copy the "Backup" folder to the PC.

Charge your phone

You can view the battery level in the status bar. When your phone is low on power, charge the battery.

Connect your phone to a power outlet using the charging cable and power adapter included with the phone. Look for the charging icon next to the battery icon to make sure your phone is charging. Tap on the lock screen to view the charging progress in real time.

If your phone is extremely low on power, the display may be blank and you won't be able to turn the phone on. In this case, you need to charge the phone for some time before you can use it.

Smart charging
A new charging adjustment algorithm effectively improves the battery life.

Fast mode
Fast charging: The high-current charging period is extended as the maximum temperature threshold is increased.
Manual switching: The upper temperature limit is increased and the charging curve is optimized to increase the charging current for fast charging.

Low-temperature mode
When the battery temperature is too low for charging, the system adjusts the phone's temperature to warm up the battery so that it can charge normally.
In low-temperature mode, a message will remind you that it takes time to restore the battery to a chargeable state.

Auto switching
Based on a charging scenario algorithm, the system automatically switches to fast charging mode and reminds you that in fast mode, the phone will charge faster, but the phone temperature will increase. You can manually close the reminder.

Optimized overnight charging
When charging overnight, the charging speed is controlled to protect the battery health.

Photos and videos

Camera basics

Adjust the brightness
Open Camera and tap the screen to focus manually. Then touch and hold the screen, and swipe up or down to adjust the brightness.

Zoom in or out
• Tap 🔘 to zoom in, and tap it again to zoom out.
• Touch and hold 🔘 to reveal the zoom slider, and drag the slider to zoom in or out.

• Pinch the screen to zoom in or out.
• Go to the camera settings page and set the volume buttons as zoom buttons. Then press the Volume up button to zoom in and the Volume down button to zoom out.

Lock the focus and exposure
Simply touch and hold the subject to lock the focus and exposure.

Use the flash
Tap the flash icon to adjust the flash mode to Off, On, Auto, or Fill light. In Auto mode, the camera will automatically use the flash based on the ambient light conditions. In Fill light mode, the flash will be kept on to improve the lighting. It is recommended that you turn the flash on when taking photos at night or in dimly lit environments.

Adjust camera modes
You can change the display and order of your camera modes and add other commonly used camera modes to the mode bar to make your camera easier to use.

Path: Open Camera, tap More, and tap .

Edit or share a photo/video
After you take a photo or video, you can edit or share it directly from Camera without having to open Photos.

Swipe up on the thumbnail in the lower left corner and tap the edit or share icon.
Tap the edit icon to enter the markup page, where you can annotate the photo using different drawing tools (such as brushes, pencils, straight lines, rectangles, circles, and arrows of different thicknesses) and colors.

Tap the share icon to share the photo with friends via OPPO Share, Twitter, Snapchat, TikTok, or email or to print it.

Take Portrait mode photos

With Portrait mode, you can easily shoot natural and high-quality portraits using the front or rear cameras. You can also adjust the level of bokeh.

To take a selfie in Portrait mode, open Camera, choose Portrait mode, switch to the front camera, and tap the Shutter button. In the Portrait mode selfie, the background will be blurred to keep you in sharp focus.

Bokeh Flare Portrait
Use Bokeh Flare Portrait to take beautiful portraits with DSLR bokeh effects and bokeh night city scenes with a single tap.
Path: Camera - Portrait - Styles (in the upper left corner) - Bokeh Flare Portrait.
* Bokeh Flare Portrait is only available on some OPPO phones.

Bring out the radiant you

ColorOS Camera comes with an upgraded portrait retouching feature, so you no longer need a third-party photo editing app. With just one tap, you can retouch portraits with touch-ups that match the skin tones, scenes, and light conditions. The camera also adjusts the retouching intensity to make the skin tones natural.

AI retouching

Portrait retouching is available for photos and videos. Tap "Retouch" to use AI retouching and give your portraits a makeover.
When you use the front camera:
Eight AI retouching options are available: Skin texture, Cheeks, Eye size, Nose, Chin, Head, Touch up, and 3D.
When you take a video or use the rear cameras:
You can drag the AI retouching slider to adjust the intensity within a 0% to 100% range.

Text scanner

Use Text scanner to take a photo
• Open Camera, tap "More - Text scanner", and take a photo.
• Text scanner will automatically correct distortion of the photo and sharpen the text.

Optimize a photo
• Open a photo and tap "T" in the upper right corner.
• Tap "Adjust" and stretch the photo to make the text easier to read.
• Tap "Enhance" and apply effects such as Color, Black & white, and Outline to sharpen the text.

Use Night mode in low-light conditions

In Night mode, the camera takes several shots at different exposures in quick succession for 4 to 5 seconds and uses an algorithm to merge multiple frames to produce a photo with a higher dynamic range and more details.
With OPPO's AI Super Clear Engine, which can identify 21 independent scenes and up to 800 scene combinations, the camera can identify the shooting scenes and reconstruct the colors at a pixel level to enhance the expressiveness of your photo.
In handheld mode, Night mode merges 3 to 8 photos with different exposures to produce a single night shot. If you use a tripod, up to 17 photos with different exposures may be merged to produce a higher-quality night photo.
In extremely low-light situations, the camera will automatically enable Ultra dark mode. You can take clear, high-quality photos anytime and anywhere. * Ultra dark mode is only available on some models.
Note: When taking photos in Night mode, keep your phone as stable as possible.
Path: Camera - Night mode.

Use Panorama mode to take wide-angle photos

Panorama mode provides a super wide view and allows you to capture wide-angle photos without leaving out anything that you want to fit in.

Take a panorama photo using the rear cameras
• Open Camera and tap "More - PANO".

• There will be an arrow and a line in the middle to guide you. Tap the Shutter ⊙ button and slowly move the camera in the direction of the arrow. Try to keep the arrow on the line. When you're done, tap the Shutter ⊙ button again. The camera will stop taking the panorama automatically when the arrow reaches the end of the line.
• Tap the arrow to change its direction.
• To capture high-rise buildings, you can rotate the phone to landscape orientation and move it slowly upwards.

Take a panorama selfie using the front camera
To take a selfie in Panorama mode, steadily move the camera left or right.

Tips for panorama photos
• You can move the camera as far as the Panorama mode allows. You may also stop the panorama at any point by tapping the Shutter ⊙ button.
• Move the camera slowly to let it focus and capture a sharp and clear photo with all details.
• Try to keep the arrow on the line. If you wobble too much, your panorama will have jagged edges.

HDR

The high dynamic range (HDR) feature helps you render a wide dynamic range of luminosity to make photos clearer and more natural. Open Camera, tap "HDR", and choose "Off" or "Auto".

Take group selfies with a gesture

You can use a hand gesture to take group selfies or take selfies from a distance. You don't need to touch any button. Just show your palm.
To enable this, go to the camera settings, tap "Shooting methods", and turn on "Show palm". When you use this feature for the first time, a hand gesture will appear on the screen to guide you. Show your palm to the camera. The camera will automatically take a photo after 3 seconds.

Take videos

Choose Video mode and tap the Shutter ⊙ button to start recording. Tap the Shutter ⊙ button again to stop recording.
By default, video records at 30 frames per second (fps). Depending on your model, you can choose other frame rates and video resolution settings in "Settings - Camera - Record video". Faster frame rates and higher resolutions result in larger video files.
You can choose to record 4K, 1080p, or 720p videos. * This is only available on some models.
Path: Camera - Video.

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

AI Highlight Video
When recording a backlit or night scene video, you can use AI Highlight Video to improve the video quality with a wider range of dynamic contrast and more expressive colors.

Path: Open Camera, tap Video, and tap ⒶⒾ.
* AI Highlight Video is only available on some models.

Ultra Steady for shooting ultra-steady videos

Ultra Steady combines hardware and software to help users shoot stable videos with ease. With Ultra Steady turned on, you can easily shoot smooth and clear high-definition videos whether you are playing with kids, riding on the road in the city, or enjoying extreme sports in the wilderness.
Path: Camera - Video - Ultra Steady.
* This feature is only available on some models.

Video Bokeh

Now you can not only take bokeh photos but also shoot bokeh videos. Video Bokeh allows you to easily shoot amazing videos with highlighted subjects. Both the front and rear cameras support the Video Bokeh feature.
With the Bokeh Flare Portrait feature, you can add blurred backgrounds and a lens flare effect similar to that of a DSLR camera's large-aperture lens to Portrait Videos with one tap.
* Bokeh Flare Portrait is only available on some OPPO phones.

Time-Lapse

You can take time-lapse videos with your camera. In this mode, the videos you shoot, whether they are minutes, hours, or days in length, are shortened by a factor of 10.
If you want to shoot sunsets, traffic, or other time-lapse scenes, please place your phone in a stable and safe location.

Path: Camera - More - Time-Lapse.
* This feature is only available on some models.

Video editing

After shooting a video, you can use the ColorOS built-in video editing tools to edit the video on your phone. Tap "Edit" below the video to enter the video editing mode.

Trim
Drag the progress bar below the video to remove unwanted segments and shorten the video.

Change playback speed
Five playback speeds: 0.25x, 0.5x, 1x, 1.5x, and 2x. You can use 0.25x speed for slow-motion playback or 2x to simulate a time-lapse effect.

Themes and filters
There are a variety of built-in themes for you to choose from, including Meet, Sunshine, Mist, Picnic, Candy, and more. Choose the theme you want based on the content of your video.
You can also select filters to make your videos more professional.

Add music
Add music to your videos to make them more vivid. There are a number of built-in music tracks to choose from. You can also tap "Local music" to add music stored on your phone.

Add special effects
ColorOS provides you with three special effects, Jitter, Soul Tips, and Gorgeous that help you highlight the key information of your videos.
• Jitter: Zoom in on the scene.
• Soul Tips: Flash on the scene.
• Gorgeous: Multiple appearance effect.

Add text
You can add text to your video by using quick subtitle generation or adding remarks.
● Tap ▣ and drag it to the time point you want it to appear.
● Tap "Add text" to enter the text. Drag the text to adjust its position.
● When the configuration is complete, tap ✅.

Watermark
After you tap "Add watermark", the watermark of the current date will appear in the bottom left corner of the video. If the video has geographic location information, it will also be displayed in the watermark.
When the editing is complete, tap "Save" to save the edited video.

Camera settings

Swipe down in Camera to configure parameters including aspect ratio, timer, and more. Tap the menu icon in the upper right corner and tap to configure more parameters and further customize your camera settings.

• Aspect ratio: You can set the aspect ratio to 4:3, 1:1, 16:9, or full screen. Tap to toggle between these options.
• Timer: When turned on, the photo will not be taken immediately but after some time from when you tap the Shutter button. You can set the countdown timer to 3 or 10 seconds. Tap to toggle between the two options.
• Tap to capture: When turned on, the photo will be taken when you touch any area of the screen.
• Volume key action: You can set different functions for the volume keys, such as shutter or zoom.
• Grid and guides: When turned on, a grid will appear on the camera screen to help you better compose the picture.
• Shutter sound: When turned on, a shutter sound will be made when you tap the Shutter button.
• Add location tags: When turned on, your geographic location will be saved with the photo.
• Flip selfie: Your selfie is mirrored by default. When this feature is turned on, your selfie will be mirrored again so that it is exactly how you look to others in the real world.
• Watermark: You can configure a customized watermark.

Photos

All photos and videos in your phone are stored in Photos, including images and videos you have taken with your camera or photos from WeChat. There are three sections in Photos: Photos, Albums, and Discover.

Photos
Your main photos and videos are displayed in chronological order according to the date when they were taken.

View photos
You can switch three timeline views: Days, Months, and Years. You can also zoom in and out with two fingers. Tap the thumbnail to view a photo in full screen.
In the full-screen mode, you can zoom in and out with two fingers. Swipe left or right to view the previous or next photo.

Tap a photo for more actions, including:
• Send: Send the photo to others via OPPO Share, Bluetooth, or relevant apps.
• Favorite: Tap "Favorite" to add the photo to your favorites. Tap again to unfavorite.
• Edit: Go to the photo editing page.
• Delete: Delete the photo.
• More: Set the photo as a wallpaper or profile picture of your contacts, set it as private, view its details, or add it to an album.

Share photos
Tap the "Send" icon in the bottom left corner to share a photo with your friends.
If you want to share more than one photo or video, tap "Edit" in the upper right corner of the thumbnail page and the select photos or videos you want to share. After that, tap the "Send" button in the bottom left corner.
Once you have selected photos, in addition to sending them, you can also:
• Set them as private.
• Add them to an album.
• Stitch them together into a collage.
• Delete them.
Remove private information
When sharing photos or videos through Photos, you can choose to remove the geographic information and other photo information (including photo name, shooting time, and camera model and parameters) to protect your privacy.
How to remove private information:
Path 1: Open Photos, tap the icon in the upper right corner, and tap "Settings - Privacy protection - Remove location/other properties".
Path 2: Select "Privacy protection" on the sharing page, and tap "Remove location/other properties".
Albums
Photos and videos on your phone are categorized into multiple albums, including camera photos, screenshots, smart albums, shared albums, and more.

View albums
ColorOS categorizes your photos into multiple albums, making it easy for you to find and manage the photos.
• All photos: All photos stored on your phone.
• Camera: Photos and videos taken by your phone.
• Screenshots: Screenshots and screen recordings on your phone.
• Favorite: Photos and videos you have added to your favorites.
• Videos: All videos saved on your phone.
• GIFs: All GIFs saved on your phone.
Recently deleted: Photos and videos deleted in the last 30 days. You can restore them or delete them permanently.
In addition to these albums, ColorOS also provides a Smart Albums feature that categorizes photos and videos based on the subject and location. With Smart Albums, you can easily view photos and videos of a certain person or shot at a certain location.

Create an album
In addition to the albums provided by ColorOS, you can also create your own albums.
Path: Open Photos, tap "Albums", tap the menu icon in the upper right corner, choose "New album", and enter a name for it. Add photos and videos to your album, and tap the done button to complete the album.
After creating an album, you can add a photo right after it is taken or add multiple photos at the same time.

Memories
This feature analyzes the location, time taken, and theme of your photos and generates videos based on these photos to highlight your moments.

Tap the thumbnail to enter the memory album, and enjoy the photos of your happy memories with carefully selected music and smooth transition effects.
Path: Photos - Explore - Memories.

Create new memories
In addition to the automatically generated memories, you can also create new memories on your own.
Path: Open Photos, tap "Explore", tap "Settings" in the upper right corner, and choose "New memory". Enter a name and select at least 20 photos to create a new memory.

Edit memories
You can customize your memories based on your preferences. Tap "Play" and then tap "Edit" in the upper right corner to edit your memory videos.

Edit memories album
You can customize your memories based on your preferences. Tap "Play" and then tap "Edit" in the upper right corner to edit your memories.
Theme: Choose from 10 different themes that feature different music and display effects.
Music: In addition to the built-in music, you can add music stored on your phone.
Cover: Choose your favorite photo in the memory album as the cover of the video.
Title: Edit the title of the memory album.
Photos: Tap the photos below to add and delete them.
Length: You can adjust the length of the memory video.

Smart Search
Smart Search makes it easier for you to find photos.
Open Photos and tap the top search box to start Smart Search. After tapping the search bar, you will find a number of albums categorized by recent usage, time, objects, scenes, and people.
You can enter the time, location, people, or theme in the search box to quickly find the photos you need. For example, you can enter "landscape" to view the beautiful landscape photos you took during your travels. You can also search within the first search result. After getting the search results, you can enter new keywords on the search result page to narrow your results.

Get amazing photos with one-tap photo editing
ColorOS photo editing provides you with 10 editing tools including image cropping, adjusting, filtering, marking up, and more. In addition to using the smart auto adjustment, you can also manually configure the brightness, contrast, saturation, and other parameters to your liking. You can also add markups, add text and create mosaics.
When you view images in Photos, tap "Edit" at the bottom to edit images. Path: Open Photos, open a photo, and tap "Edit".

Crop & rotate
Crop & rotate allows you to rotate, mirror, and crop images. You can also adjust its aspect ratio to 1:1, 16:9, or 3:4, etc.

Adjust
On the "Adjust" page, you can find 12 options including auto adjustment, brightness, contrast ratio, and others. In most cases, you can simply tap "Auto". The system will analyze the image and adjust it just right. Of course, you can manually fine-tune parameters until the image looks perfect.

After you finish the adjustment, tap "Compare" to view the images before and after the adjustment.

Filters
To enable users to adjust the image style with just a tap, ColorOS has provided a variety of built-in filters such as Fresh, Travel, Film, Flamingo, Cyberpunk, etc. Use your favorite filter and generate your own photo style with a tap.

Mark up
The Mark up option comes in handy when you need to mark a certain part on the photo. You can use brushes, pencils, and other tools to draw lines and change their thickness and color. Also, you can add straight lines, rectangles, circles, and arrows.

Text
This feature allows you to add text to your photos. Not only can you make the text bold or change the text color, but you can also choose different text color backgrounds to display the text in a more personalized way.

Pixelate
If you need to obscure certain areas in your photos, Pixelate will be your best choice. ColorOS provides four pixelate styles: pixel, rubbing, dot and blur, and you can conveniently adjust its intensity.

Retouch
ColorOS can retouch your portraits automatically based on the characteristics of the subject's face. You can also manually adjust a variety of parameters including brightening, smoothening, acne removal, thinner face, bigger eyes, whitened teeth, and more.

Stickers
Want to make your photos more playful? Try stickers. ColorOS provides a variety of static and animated stickers. Tap them to add them to your photos.

Eraser
Don't worry if there is clutter in your photo, because you can easily remove it with Eraser. The system will automatically analyze the photo and remove the clutter and improve its quality.

Blur
Worried the aperture of your phone camera is not big enough for large-aperture bokeh effects? This Bokeh feature will help you. You can choose swirly or linear bokeh as well as adjust the area and intensity of the bokeh effect. After some careful adjustments, you will get an amazing picture with natural bokeh effects. You can tap "Compare" to compare the photo before and after the adjustment.

AI color master
AI color master analyzes your favorite colors and filter styles, learns your preferences, and applies them to your photos.
AI color master has three default filters: Mars, Gothic and Red orange. Select your favorite photo, and AI color master will automatically apply the style of your favorite photo to the photo you are editing.
Path: Open Photos, open a photo, and tap "Edit - AI Palettes".

Games

Games

Games is an app where you can find all the games you have installed on your phone, making it a convenient place from which to manage and launch your games.
It comes with many handy features like Performance mode, Do Not Disturb, and network acceleration to deliver you a better gaming experience. It also displays your battery level and current network latency.

Games will automatically launch Game mode when you enter the game, where the phone will intelligently adjust the CPU, GPU, RAM, and network frequency according to the game scenario, ensuring the game runs smoothly at all times while also reducing power consumption.

Choose a gaming mode
Want to save power? Or have a smoother gaming experience? Choose the gaming mode which is just right for you. Games provides three different modes for you to choose from. Just tap on the one you want.
Pro Gamer mode improves the frame rate and touch response, further enhancing your gaming experience. However, it increases power consumption as well. It is recommended to use this mode in competitive multiplayer games.
Balanced mode maintains a balance between performance and power consumption, which is suitable for most lite games.
Low power consumption mode prevents system resources from being overloaded and reduces graphic quality, in return for extended battery life. This mode is recommended when your phone is running low on power.

Block incoming calls and notifications
If you don't want any disturbances while playing a game, go to "Notification style" and choose "Block".
Also, you can choose "Heads-up notifications" or "Bullet notifications".
Smart network switching
Use the mobile network as a supplement if Wi-Fi is not performing well. Turn on "Smart network switching" on the Settings page. This reduces the latency of the Wi-Fi network by using the mobile network as a supplement but this will consume your mobile data.

Quick startup
Quick startup uses part of the ROM space as extra RAM to keep games running in the background, so that the games can be re-opened quickly even after a long time in the background.
Path: Games - Settings - Quick startup.

Constant brightness while playing games
You may have encountered such a situation where the screen suddenly becomes dark, and you fail to dodge the enemy's attack and lose. You can simply lock the screen brightness to avoid such irritating situations. Go to settings and turn on "Brightness lock" to keep the brightness of the current game constant. When this feature is turned on, the system ignores the light sensor and maintains the screen brightness. This prevents the screen brightness from changing when the light sensor is covered by your hands.

Use screenshots to record your highlights
Here you can find all of your game highlights.
Tap the "Game captures" icon in the upper-right corner of the app's homepage to view all your game screenshots and screen recordings.

Game Toolkit, your path to victory!

You can bring up the Game Toolkit while playing games. The Game Toolkit is displayed in a small window, providing shortcuts to system features such as taking screenshots and screen recordings.

Bring up the Game Toolkit
Bring up the Game Toolkit by swiping in from the upper-right edge of the screen while playing games in landscape mode (or by swiping in from the upper-left edge of the screen while playing games in portrait mode).

Block banner notifications
If you don't want to be disturbed by banner notifications while playing games, turn on "Block notifications".

Answer incoming calls
While you are playing games in landscape mode, incoming calls will appear on the screen as banners. You can choose to answer or decline them without quitting or suspending the game.

Decline incoming calls
If you don't want to receive any incoming calls during the game, turn on "Reject calls".

Screenshot and screen recording
You can use the Game Toolkit to take screenshots and screen recordings while playing games.

Floating window chat
When you need to reply to important messages during the game, the Game Toolkit allows you to do so without quitting the game. You can send messages via a floating chat window.
Tap the app that needs a floating window, and that app will be displayed as a small window on one side of the screen, allowing you to quickly reply to WhatsApp, Message, or Discord before returning to the game. All the apps that support floating window chat are displayed in the Game Toolkit.

Bullet Notifications
Turn on this feature if you don't want to miss messages from someone important to you. Whenever you receive a message, it will be displayed as a scrolling notification, allowing you to check the message while continuing to play the game.
Path: Launch the game, swipe to bring up the Game Toolkit, and tap "Bullet notifications".

Orientation lock
Even when auto-rotation is turned off in the Android Quick Settings, some third-party apps can still sense screen rotation through their own approaches and automatically rotate the screen. This

feature prevents your screen from rotating, providing you with a more immersive gaming experience.
Path: Launch the game, swipe to bring up the Game Toolkit, and tap the orientation lock icon.

Recommended touch configurations from pro gamers
You can turn on touch optimization while playing games on ColorOS devices. With this feature, you can easily optimize the sensitivity, touch feedback, and mistouch prevention configurations in games. It also contains recommended configurations from pro gamers, allowing you to experience how top players play games.
Path: Launch the game, swipe to bring up the Game Toolkit, and tap "Touch optimization".
* Currently, only PUBG Mobile and Arena of Valor support this feature.

Game filters bring new visual experiences
ColorOS provides Game filters that adjust the color display in games, bringing completely new visual experiences to games.
Currently, there are 5 built-in filters including Inverse, Animation, HD, Sepia , and Night vision. Pick the one you like!
Path: Launch the game, swipe to bring up the Game Toolkit, and select Game filters.

4D vibration brings an even more immersive gaming experience
ColorOS' linear motors provide more immersive vibration feedback for specific games.
Path: Go to "Games - Settings - 4D vibration" to turn on this feature.
Note: The actual performance of this feature may vary slightly on different models.

Privacy and security

Manage information and permissions available to apps

Manage permissions available to apps
This feature allows you to manage the permissions for each app, such as location, making phone calls, obtaining phone identifiers, reading call logs, etc.
Go to "Settings - Privacy - Permissions - Permission manager".

Sensitive permission alert
When an app uses sensitive permissions such as your camera, microphone, and location, the system will display dynamic, colored icons in the status bar to remind you of the sensitive permissions being used by the app.
Note: This feature will be updated along with later ColorOS versions.

App behavior records
This feature allows you to view the records of apps invoking permissions in the form of a data chart, allowing you to easily discover the abuse of permissions by certain apps in the background.
Path: Settings - Privacy - Privacy dashboard.
Note: This feature will be updated along with later ColorOS versions.

Emergency SOS

We are concerned about the safety of our users. In the case of life-threatening and other serious emergencies, this feature allows you to send messages for help even when the screen is off.

Turn on the SOS feature
Go to "Settings - Safety & emergency" and accept the terms of service to turn on this feature.

Set emergency contacts
Go to "Settings - Safety & emergency" and accept the terms of service.
You can add up to 3 emergency contacts and send them messages that include your location information.

Emergency call

Press the power button 5 times, and the SOS contact information will appear on the screen. Select the number you want to call.
You can also turn on automatic dialing of emergency numbers. Select or customize a default emergency number. When you press the power button 5 times to make an emergency call, the system will automatically call the preset emergency contact after 3 seconds.

Emergency sharing
You can also turn on "Emergency sharing". The emergency message with your location information will be sent to your emergency contact.

Set privacy password

The privacy password is a password that can be set for sensitive features. When the privacy password is turned on, you will need to enter the password to access sensitive features such as App lock and Private Safe.

Set privacy password
• Go to "Settings - Password & security".
• Tap "Privacy password".
• You can use a pattern, a 4- or 6-digit PIN, or 4 to 16 digits and letters as your privacy password.
• Set the security question and tap "Done" in the upper-right corner.
• You can also set a recovery email and link your OPPO account to further secure your privacy.

Change privacy password
Go to "Settings - Safety & emergency", and tap "Privacy password".
Tap "Change privacy password" and enter the original password before setting a new one.

Reset privacy password
If you forget your privacy password, you can reset it via the security question, recovery email, or linked OPPO account.
Tap "Forgot password" on the privacy password interface.
• Reset via security question: Enter the answer to the security question to reset the password.

• Reset via recovery email: Enter the linked email address and then enter the verification code sent to your linked email address to reset the password.
• Reset via OPPO account: Log in to your linked OPPO account to reset the password.

Turn off privacy password
Go to "Settings - Safety & emergency", and tap "Privacy password".
Tap "Turn off privacy password", tap "Turn off" in the pop-up window, and then enter the password to turn it off.

Smart notification hiding

When the front camera detects that someone other than you is in front of the phone, it automatically hides notification details and only shows that there are new notifications to protect your private information from prying eyes.
Path: Settings - Notifications & status bar - Smart notification hiding.
Note: This feature is available only on some models and will be updated along with later ColorOS versions.

Lock your apps with App lock

When App lock is turned on, you need to enter the privacy password to access certain apps. You can also choose fingerprint or facial recognition to open locked apps. Enabling this feature requires the privacy password.

Turn App lock on
• Go to "Settings - Privacy - App lock".
• Enter the privacy password. (Reset your privacy password if you forget it.)
• Select the app you want to lock and turn on App lock.
Access locked apps
• Use the privacy password
You can access locked apps using your privacy password.

• Use fingerprint or facial recognition
You can also access locked apps using your fingerprint or face.
Path: Go to "Settings - Safety & emergency - Fingerprint", enter the Lock screen password, and use your fingerprint or face for App lock.

Turn App lock off
• Go to "Settings - Privacy permissions - App lock".
• Enter the privacy password.
• Turn off App lock for the corresponding apps.

Hide apps
You can hide the Home screen icon for apps through the following steps:
• Go to "Settings - Privacy - Hide apps", and enter your privacy password.
• Select the apps you want to hide.

When you use this feature for the first time, you need to set an access code for it. Please remember the access code. Once configured, enter the access code using the dial pad to open the hidden apps. If you need to change the access code, go to App lock and tap "Settings" in the upper-right corner to change it.

Access hidden apps
Enter the access code using the dial pad to access hidden apps. The access code starts and ends with "#" and contains 1 to 16 digits, for example, #0000#.

Payment protection secures your money

ColorOS provides a secure payment environment so that you can make online payments without worrying about hidden charges.
Whenever you make a payment with your phone, the system will automatically check the payment environment and ask you to reconfirm the payment when there are risks. This feature also detects malware and trojans on your phone.
Payment protection provides a security check for the following items:
• System security check
• Wi-Fi security check
• Verification code security check
• App security check

Go to "Settings - Safety & emergency - System security - Payment protection", and select

the apps you want to protect.

Kid Space lets your kids use your phone in a healthy way

You may worry that your kids may become addicted to mobile games. Kid Space is designed to resolve this problem. You can configure the following items in Kid Space:
• Time limit for your kids to use the phone
• What apps your kids can use
• Ambient light reminders
• Eye-protecting display

Enter Kid Space
Go to "Settings - Special features - Kid Space", adjust the settings, and tap "Enter Kid Space".
In Kid Space, the user can only access the apps in the "Allowed apps" list. When the usage duration exceeds the time limit you set, the phone will automatically lock, and the user will need to enter the Lock screen password to re-enter the Home screen.

Exit Kid Space

When in Kid Space, tap the ⋮ icon in the upper-right corner, choose "Exit", and then enter your Lock screen password.

Lock your files in Private Safe

Private Safe keeps your photos, audio files, documents, and other types of files secret for you. You can choose which files you want to hide. To access the files in Private Safe, you need to enter the Lock screen password or verify your identity via fingerprint or facial recognition. Taking a screenshot is not supported in Private Safe.

Add private files
You can add private files using the following methods:

Add files in Private Safe
Go to "Settings - Privacy - Private Safe", enter the password, select a file type, and add files you want to encrypt.

Encrypt files in My Files
Open My Files and find the files you want to encrypt. Touch and hold a file, tap "More" in the toolbar below, and tap "Set as private".

Encrypt photos
Open the Photos app and find the photos you want to encrypt. Touch and hold a photo, tap "More" in the toolbar below, and tap "Set as private".

View private files
• Go to "Settings - Privacy permissions - Private Safe", or enter Private Safe via the shortcut on the Home screen.
• Enter the Lock screen password or verify your identity via fingerprint or facial recognition to view the encrypted files.

Add Private Safe to the Home screen
• Go to "Settings - Privacy permissions - Private Safe" and enter the password.
• Tap "Settings" in the upper-right corner and choose "Home screen shortcut". You can then add files or view encrypted files through the Private Safe shortcut on the Home screen.

Restart, update, and back up

Power off and restart

To turn off your phone, do the following:
1. Press and hold the Power button on the right side of your phone until a menu appears.
2. Swipe down to power off
To force power off the phone, press and hold the Power button and the Volume Up button at the same time for more than 10 seconds.

Restart your phone
1.   Press and hold the Power button on the right side of your phone until a menu appears.

2. Swipe up to restart.

System update

You can update your system using the following two methods.

OTA online upgrade
Go to "Settings - About device ", tap the version number at the top to check for updates, and download it if any update is available.
Tap the More icon in the upper-right corner, choose "Auto update", and turn on "Auto update overnight". The system will automatically upgrade to the latest version and install security patches without using any mobile data. Updates will be automatically installed between 2:00 AM and 5:00 AM when your phone is idle.

Local firmware update
1. Download the firmware package for your phone from https://support.oppo.com/in/software-update/.
2. Copy the .ozip firmware package to the root directory of your phone.
3. Open My Files, tap the firmware package, and tap "Update now" in the pop-up window.
4. Wait for the update to complete. Your phone will restart after the update.

Backup

You can back up your files on your OPPO phone.
Back up files on your phone
• Go to "Settings - Additional settings - Back up and reset - Back up & migrate - Local backup".
• Tap "New backup" and select the files you want to back up.

All selected files will be backed up to the storage of your phone. Please note that when you clear all data on your phone, the backup data stored on your phone will also be deleted. Therefore, please copy the backup data to your PC or USB drive before clearing all data on your phone.

Reset your phone or restore data

You can restore content and settings using the backup data, or reset your phone to factory settings. Before doing so, please back up your data.

Reset your phone
Go to "Settings - Additional settings - Reset phone" and select one of the following options to reset your phone:• Reset network settings: Reset Wi-Fi, Bluetooth, and mobile network settings.
• Reset all settings: Reset all settings, including network settings.
• Erase all data: Reset to factory settings.

Restore data
Restore from local storage
• Go to "Settings - Additional settings - Back up & migrate - Local backup".
• Select a backup, select the data you need to restore, and tap "Restore".

Support & service

Contact OPPO Support

Send an email to hello@oppo.com to contact OPPO Support Team.

Get more information

More relevant information and OPPO services are available at https://www.oppo.com/en/.