



# OnePlus 10T 5G User Manual

Due to software updates, your experience of the software interface (including but not limited to software features, user interfaces, and interaction experiences) may differ from the interface presented in this manual. The software interface is subject to change.



.....	1
<b>GETTING STARTED</b> .....	<b>4</b>
SETTING UP YOUR DEVICE.....	4
BATTERY AND CHARGING .....	5
PHYSICAL BUTTONS.....	6
TRANSFER DATA TO ONEPLUS DEVICE .....	8
<b>THE BASICS</b> .....	<b>10</b>
BASIC GESTURES .....	10
INSTALL AND UNINSTALL APPS.....	11
USE APPS .....	12
HOME SCREEN .....	14
NOTIFICATION .....	15
GOOGLE ASSISTANT .....	17
<b>SETTINGS</b> .....	<b>18</b>
Wi-Fi.....	18
MOBILE NETWORK.....	20
BLUETOOTH .....	21
CONNECTION & SHARING.....	21
PERSONALIZATIONS .....	26

HOME SCREEN & LOCK SCREEN .....	28
DISPLAY & BRIGHTNESS.....	30
SOUND & VIBRATION .....	32
NOTIFICATIONS & STATUS BAR.....	36
PASSWORD & SECURITY .....	38
PRIVACY .....	43
SAFETY & EMERGENCY .....	45
BATTERY .....	46
APPS.....	47
LOCATION.....	49
SPECIAL FEATURES.....	50
DIGITAL WELLBEING & PARENTAL CONTROLS.....	52
SYSTEM SETTINGS.....	53
ABOUT DEVICE .....	62
USERS & ACCOUNTS.....	63
GOOGLE.....	64
TIPS & SUPPORT .....	64
<b>APPS.....</b>	<b>64</b>
PHONE .....	64
CONTACTS.....	66
MY FILES .....	67
MESSAGES .....	68
WEATHER.....	69
CALCULATOR .....	70
RECORDER .....	71
NOTES.....	71
GALLERY.....	72
CLOCK.....	73
ZEN MODE .....	75
CLONE PHONE .....	75
GOOGLE APPS.....	76
PLAY STORE.....	78
<b>ADVANCED.....</b>	<b>78</b>
GAMES .....	78
APP CLONER.....	82
DISPLAY OVER OTHER APPS.....	82
<b>REBOOT, UPDATE, BACKUP, RECOVERY .....</b>	<b>83</b>
REBOOT OR FORCE REBOOT .....	83
SYSTEM UPDATES .....	83
BACKUP AND RESTORE .....	84
FACTORY RESET .....	84
<b>ACCESSIBILITY .....</b>	<b>85</b>

PRESS POWER BUTTON TO END CALLS .....	85
MAGNIFICATION.....	85
COLOR VISION ENHANCEMENT.....	86
COLOR INVERSION .....	87
HIGH CONTRAST TEXT.....	87
<b>LEGAL NOTICE .....</b>	<b>87</b>
DECLARATION.....	87
TRADEMARKS AND PERMISSIONS .....	88
PRIVACY POLICY.....	89
REGULATORY INFORMATION.....	89
PRECAUTIONS FOR USING THE DEVICE .....	89
SAFETY & SECURITY INFORMATION .....	90
FCC REGULATORY CONFORMANCE.....	98
FCC STATEMENT.....	99
CARE AND MAINTENANCE .....	107
ONEPLUS DEVICE WARRANTY INFORMATION .....	109

# Getting started

Learn more about your device and start using.

## Setting up your device

### Insert SIM card

1. Insert the SIM Tray Ejector into the small hole on the SIM card holder.

Press the ejector firmly into the hole to push the SIM card tray out.

2. Slowly pull the SIM card tray out of the tray slot.
3. Place the SIM card into the SIM card tray.
4. Plug the SIM card tray back into your device.

\* Use the original Nano-SIM card. Non-original cards may cause damage.

### Booting up your OnePlus device

Press and hold the **power button** for a few seconds to boot up the phone. If

your phone does not power on, you may need to charge it.

### Setup Wizard

When you first boot up the phone (or after a factory reset), the **Setup Wizard** lets you customize all features, including language, software buttons, gestures, fingerprint unlock, and other features. If you want to change these later, you

can do so after setting up the phone in the Settings app.

## **Battery and charging**

**You will need to charge the phone when you first get it or if you have not used it for a long time.**

### Safety Information

1. To ensure your safety and avoid damaging the device, only use the official charger and USB cable.
2. OnePlus device supports the USB Type-C cable.
3. Unplug the charger after you finish charging to avoid wasting electricity.
4. Do not place anything on your phone while it is charging.

### Charge the battery

1. Connect the USB cable to the adapter;
2. Plug the USB cable into the phone's USB port.
3. Plug the adapter into a power socket.
4. After charging, unplug the USB cable from the phone and unplug the adapter from the socket.

## Save power and extend battery life

Reduce power consumption by doing the following:

1. Turn off the screen when the device is not in use.
2. Turn on **Battery Saver** mode when the battery is low.
3. Disable Bluetooth and Wi-Fi when you are not using them.
4. Dim screen brightness and shorten sleep time in Settings.
5. Delete apps that you do not use.

## Charging

When you use the OnePlus charger and USB cable for charging, you can charge your phone safely (10V/6.5A) and quickly.

It is recommended to use between 15°C and 35°C degrees.

## Physical buttons

### Power button

The power button is located on the right side of the phone.

- Press and hold the power button to turn on the device when the device is off.
- Press and hold the power button for Emergency/ Power off /Restart when the device is on.

- Press the power button and volume up button simultaneously to power off.
- Click the power button to turn on/off the screen.

### Volume button

The volume button is located on the left side of the phone.

- When playing music or video, press the volume button to adjust the media volume.
- Press the volume button during a call to adjust the call volume.
- Press the volume button to silence the ringtone when you get an incoming call.

### Alert Slider

Alert Slider is on the right side of the phone.

\*It is available on some models.

You can adjust the system ringtone status (**silent, vibrate, ring**) by toggling the alert slider.

- **Silent:** Calls and notifications will be silenced with no vibration, except for alarms.
- **Vibrate:** Calls and notifications will be silenced, except for alarms.
- **Ring:** Calls, alarms and notifications will function normally.

NOTE: If the phone is in **Do Not Disturb** mode, the ringtone and vibration will be turned off.

## Shortcut keys

You can perform quick actions using the shortcut keys.

- Press and hold the power button and volume up button simultaneously to turn off the device.
- Press and hold the power button and volume down button simultaneously to take a screenshot.
- Press and hold the power button and volume down button simultaneously to access recovery mode when the device is powered off.
- Long press the power button and volume up for 10 seconds to force a power off.

## Transfer data to OnePlus device

**Clone phone** can quickly transfer all your data, including contacts, messages and photos, from your old device to your new OnePlus device.

If only OnePlus Switch is installed on your old phone, you will need scan the new QR code to download the Clone Phone.

- **If the old device is OnePlus or other Android devices:**



1. Open the Clone phone. Select **This is the new phone**, then select your old phone's type. Follow the prompts on the new phone screen. Download and install Clone phone on your old phone.
2. Tap Continue on your new phone.
3. Open Clone phone in your old phone, select **This is the old phone**, and scan the QR code on your new phone to connect the two phones.
4. After connecting the two phones, select the data you want to migrate from your old phone. Tap to start. Then wait until the transfer is completed.

- **If the old device is iPhone:**

1. Sync the data of your iOS device to iCloud.
2. Open Clone phone app.
3. Choose **This is the new phone** and then tap on **iPhone**.
4. Sign in to your iCloud account and start importing data.
5. It's recommended to complete the whole data transfer process while connected to a Wi-Fi network, and Clone phone should always stay on the screen. If you ever get disconnected from the iCloud server, please try logging into iCloud again and pick up with the data transmission. Please note that only certain format of data can be transferred due to compatibility issues.

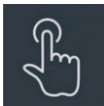
## The Basics

Learn to use your OnePlus device.

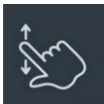
### Basic gestures

Learn to use basic gestures, such as tap, drag, swipe, and zoom, to control your phone and apps.

1. Tap to enter the app or select it.



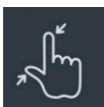
2. When viewing a webpage or list, swipe up or down to scroll.



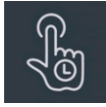
3. Swipe left or right with your finger to switch tabs, change pages or slide content in the weather/calendar/gallery/app list.



4. Two-finger zoom for images and web pages.



5. Press and hold the screen to bring up the pop-up window for advanced settings or to enter edit status.



## Install and uninstall apps

### Install apps from Play Store

It is advisable to download and install apps from Play Store, which is available on your device.

Open Play Store to search for apps using key words or on screen.

- Tap the app icon to view application details.
- Tap **Install** to download and install apps.

\* It is advisable to download apps on a Wi-Fi network.

\* New upgradation of apps that you download would be reminded. (Choose yes/no)

### Uninstall apps

Uninstall apps as follows:

- On the home screen, press and hold the app icon, and go to **App info** > **Uninstall**.
- On the app drawer, press and hold the app icon and select **Uninstall**.
- Go to **Settings** > **App** > **App management** > **App list** and select the app.

Then go to App info and select uninstall.

\* Some pre-installed apps cannot be uninstalled.

## Use Apps

Learn how to open apps, switch between apps, close apps and view app information.

### App drawer

Swipe up on the home screen to view all your apps in the app drawer

### Open apps

Open the app by the app icon on the desktop or in the app drawer.

### View app info

Long press an app's icon and select **App info** in the pop-up box to view app info and setting options.

### Switch apps

- In **Navigation gestures**, swipe left or right along the bottom bar to switch

between apps.

- When You set Navigation buttons **Back, Home, Recents**, tap **Recents** button in the navigation bar to switch between apps.

### Close apps


- In **Navigation gestures**, swipe up from the bottom edge of the screen and hold, then close apps by swiping up on the app card.
- Tap **Recents** button and close apps by swiping up on the app card.

### Clear background tasks

- In **Navigation gestures**, swipe up from the bottom edge of the screen and hold, then tap “Clear All” to clear background tasks.
- Tap **Recents** button to enter the recent apps list, then tap “Clear All” to clear background tasks.

\* Pinned apps will not be closed.

### Lock background apps

In the recent apps list, click  in the top right corner of the app card to access menu options. Select **Lock** to stop the app from being closed or cleared.

## Home screen

Learn to set **wallpapers, icons, widgets, layout, transitions** and **home settings** to personalize your phone.

### App icons and folders

- Open the app drawer by swiping up from the home screen.
- In the drawer, press and drag an app icon to add it to the home screen.
- Drag an app icon onto another app on the home screen to create a folder.

### Wallpapers

Long press a blank space on the home screen and select **Wallpapers** to set your home screen wallpaper and lock screen wallpaper.

### Icons

Long press a blank space on the home screen and select **Icons** to home screen.

### Widgets

Long press on a blank space from the home screen and select **Widgets**, then press a widget and drag it to the home screen.

## Layout

Long press on a blank space from the home screen and select **Layout**. Adjust the number of desktop grids and icon sizes.

## Transitions

Long press on a blank space from the home screen and select **Transitions**.

Choose the style of page transition in the Home screen.

## More

More specific home settings can be set in **Settings > Home screen & Lock screen**.

## Notification

When a new system notification or app notification is received, the status bar will display the corresponding icon. Pull down the notification panel by swiping down from the top of the application page or anywhere on the home screen.

- You can clear notification by swiping it right (Some notifications need to be cleared by closing the related app).




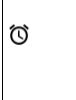




- **Long press** a notification to enter the notification settings for that app.
- There are two categories: "Important" and "Other" , you can choose to move less important notification to the "**Other notifications**" category, by pressing the notification and choosing "**Other**" .

### Quick Settings








- Tap the quick settings icon to turn on/off specific functions quickly.
- Press and hold an icon in the quick settings menu to open the corresponding settings interface.
- Swipe down again to view more buttons.

### Status icons

Status icons are displayed on the status bar at the top of the screen. The icons listed in the table below are the most common ones.

	Signal strength		Location service enabled
	Wi-Fi		Alarm enabled
	No SIM card		Silent mode enabled
	Roaming		Vibration mode enabled



<b>G</b>	Connected to GPRS network		Airplane mode enabled
<b>3G</b>	Connected to UMTS network		Normal charging
<b>H</b>	Connected to HSDPA network		Battery capacity
<b>H+</b>	Connected to HSPA+ network		NFC enabled
<b>4G</b>	Connected to LTE network		Gaming mode enabled
<b>5G</b>	Connected to 5G network		Do not disturb mode enabled
<b>*</b>	Bluetooth enabled		Wi-Fi hotspot enabled

## Google assistant

\* When using Google assistant for the first time, follow the prompts to log in to your Google account.

You can quickly access Google Assistant, by either pressing and holding down your home button, swiping up from the corner of the phone screen (if you have enabled "**Navigation gestures**" ), or by press the power button, or by simply saying, "Hey Google."

With Google Assistant, you can:

- Make quick phone calls on the go (e.g., "Call Mom")
- Send text messages (e.g., "Text Sara I am running late")
- Set reminders (e.g., "Remind me to buy a birthday gift for John")

- Take a selfie (e.g., "Take a selfie")
- Set calendar events (e.g., "Set a calendar event for dinner with Charlie tomorrow from 7-9")
- Play music (e.g., "Play jazz music on YouTube")
- Navigate to places (e.g., "Give me Home directions ")
- Weather information (e.g., "Do I need an umbrella today?")

## Settings

**Configure your phone's network and account or set up your phone**

### Wi-Fi

Connect to the internet through Wi-Fi.

Connect to Wi-Fi

1. Enter Settings > Wi-Fi, tap Wi-Fi.
2. Select a Wi-Fi network from the list.
3. You will automatically connect to an unencrypted Wi-Fi network that you have selected. To connect to an encrypted network, enter the password and tap the tick

\* You can also manually add a Wi-Fi network by selecting Add network.

- **Wi-Fi Assistant:** When the option is turned on, the system will:

Auto connect to the best Wi-Fi.

Auto switch to mobile network when the quality of Wi-Fi networks is poor.

- **Dual channel acceleration:** When the option is turned on, you can use Wi-Fi and mobile data at the same time for a faster internet experience.
- **Dual Wi-Fi acceleration:** connect two Wi-Fi networks at the same time for a faster Internet connection.

#### Advanced settings

Go to **Settings** > **Wi-Fi** > click **⋮** > click **Advanced settings**

- **Saved networks:** Networks that have been successfully linked.
- **Install certificates:** Browse files in other apps (recent files)
- **Wi-Fi status display:** Turn on or off the Bandwidth label, the number will be presented. Adjusting Wi-Fi status display will not affect Wi-Fi functionality.
- **Wi-Fi data usage:** You can view your Wi-Fi data usage here, including the total data usage and the data usage of different apps.
- **Passpoint:** Allow your device to discover and connect to passpoint networks.
- Wi-Fi Direct
- Wi-Fi info

## Mobile network

Enable or disable mobile data

Go to **Settings** > **Mobile network**, enable/disable **Mobile data**.

### General settings

When you insert the second SIM card, you can still use the internet when making calls.

### Data usage

You can check statistics on the mobile data and Wi-Fi traffic usage.

### Network settings

Go to **Settings** > **Mobile network** > **Mobile data**, turn on or off the network.

- **Data saving:** When the option 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. In addition, network tethering will be unavailable and the status bar will display the data-saving icon.
- **Network access:** You can set up different ways of using the network including Wi-Fi & mobile data, Only Wi-Fi, Only Mobile Data and Disable network access, when you use different apps.

## Bluetooth

Bluetooth lets you connect to Bluetooth-enabled devices such as headsets and keyboards.

- Go to **Settings** > **Bluetooth**, select the device you want to connect from the list of available devices, and enter the pairing code to complete pairing.

\* When your Bluetooth device is turned on but cannot be found, check the device's manual and follow the instructions to switch the device to pairing mode to connect.

### Advanced settings

You must make sure that the option **Visible to Other Devices** is turned on so that others can find and pair with your devices.

- **Media volume sync:** When the option is turned on, volume on Bluetooth devices and your phone will be synced.
- **Display codec standard:** Display the current codec standards for paired devices.

## Connection & sharing

Go to **Settings > Connection & sharing** to share personal hotspot and screencasts.

### Airplane mode

After switching your device to airplane mode, you will not be able to dial, but you can read, play games, watch videos, or use other applications that don't require network or phone connections.

### Personal hotspot

Share your mobile data or Wi-Fi connection with other devices. This may consume more mobile data and battery power.

\* Two ways of linking personal hotspots will be provided:

1. QR code: Scan the QR code and connect to this Wi-Fi network.
2. Personal hotspot password: Go to **Personal hotspot > Hotspot settings >** change the Name and Password.

- **Hotspot settings:** Set personal hotspot name and password.

\* You must make sure that the option **Visible to Other Devices** is turned on so that this hotspot can be connected manually.

\* **Wi-Fi 6 hotspot:** A Wi-Fi 6 hotspot provides a faster connection, but you might be unable to find this hotspot on older devices.

- **Connection management:** The maximum allowed connections and the

data restriction can be set.

- **Automatically turn off personal hotspot when idle:** when no devices are connected for 10 minutes.

## Bluetooth tethering

To share your device's mobile data or Wi-Fi network with other devices by bluetooth tethering, follow the steps below.

1. Go to **Settings > Connection & sharing > enable Bluetooth tethering.**
2. Pair and connect your phone in the Bluetooth settings interface of other devices.

## USB tethering

To share your device's mobile data or Wi-Fi network with your computer via USB, follow the steps below:

1. Connect your phone to your computer with a USB cable.
2. Select the USB connection method as **USB tethering** in the control center.

\* Some computers may need Android RNDIS driver to be installed separately.

## VPN

Go to **Settings > Connection & sharing > VPN**. Then, click "+", adding VPN after completing the VPN name, type, server address and other information.

## NFC

When NFC is enabled, you can exchange data with another device when the two devices are touching.

- **Tap & pay:** After the default payment app is set, you can make payment by tapping the back of your phone on a device with a payment logo, for example, a POS machine, subway gate, transportation payment terminal.

\*Before using the Tap and pay, you need to set up the default payment app, open the payment service in the app, and set the tap and pay feature with the following settings options:

- **Default Payment App:** Choose an app, such as Google pay, to use when making a payment by tapping the payment terminal.

## Private DNS

Private DNS is a mechanism used for encrypted transfer. Once connected, it helps to enhance network security, but it may also lead to network latency and connection failure. If you select **Designated Private DNS**, Please pay attention to your network connection.



## Android Auto

Allow you to use apps on your car screen.

## Screencast

Make sure your phone and the display device are connected to the same network or that the display device has the wireless display function turned on.

Pair your phone with the display device to stream your phone screen to it.

Before using the Miracast function, ensure that your TV, projector, screen and other display devices are compatible with the Miracast function, and the function of the device is turned on.

- **Instructions:**

1. Go to Settings > Connection & sharing > Screencast
2. Tap Search for display devices.
3. Select the display device that needs to be projected and wait for the phone screen to be projected onto the display device.

## Print

The Print service lets you print documents, images, emails, and web pages. An option for the Print service appears when you choose to share a file.

When **Default Print service** and Quick device connect on, the device will search for nearby printers quickly, you can choose and connect to the printer for print services.

\***Add print service:** Add a new print service for printing works.

## Personalizations

Go to **Settings > Personalizations** to customize your phone.

You can change the Wallpapers, Always-On Display, Themes, Fingerprint animation, Icon styles, Colors, Font and display size, Notification drawer and Horizon light here.

### Wallpapers

You can use the wallpaper provided by OnePlus, or you can use a personal photo as your wallpaper.

### Always-On Display

Including **Display options, Display settings, Featured** and **Clock styles** that you could customize your phone.

- **Display options:** Power saving/ Scheduled/ All day.
- **Display settings**
  - Info.

- Contextual info
- Move device to show fingerprint icon.
- Fast unlock
- Display message.
- New notifications.

## Themes

Different wonderful themes could be selected to use.

## Icons

Customize the status icon shape, there are several shapes available: Default, Material Style, Pebble, etc.

## Quick settings (Notification drawer)

Customize the status notification shape. There are several shapes available: Round, Square, Squircle and Rhombus, etc.

## Colors

Click the color you want and save to change the accent color.

## Font & display size

There are several kinds of font available, Roboto, OnePlus Sans™, More.

\*When you use Sans, after the Auto adapt is used, the system automatically provides the best font display effects based on the scenario. Also, **Font size** could be adjusted.

## Fingerprint animation

There are several different fingerprint animation effects that you can select.

## Horizon light

There are several kinds of colors available, including Blue, Red, Gold, etc.

## Home screen & Lock screen

Go to **Settings > Home screen & Lock screen** to customize your home and lock screen.

### Home screen

- **Home screen mode:** Standard mode and Drawer mode.
- **Home screen layout:** You can choose different layouts as you like.

- **Lock home screen layout:** Lock the Home screen layout to prevent it from being changed.
- **Icon autofill**
- **Icon pull-down gesture:** Open apps on the Home screen with one hand.
- **Double-tap to lock:** Double-tap a blank area on the Home screen to lock the screen.
- **Swipe down on Home screen:** Notification drawer.
- **App animation speed:** Adjust the speed of app startup and closing animations.
- **Show app suggestions**
- **Add apps to Home screen:** Newly downloaded apps will be added to the Home screen.

## Lock screen

- **Raise to wake**
- **Double-tap to wake or turn off screen**
- **Lock screen shortcuts:** swipe on the shortcuts at the bottom of the Lock screen to open an app or feature.

## Recent task

- **Recent tasks manager:** Display RAM/memory information for recent tasks.  
List locked and unlocked applications.

## Display & brightness

There are two modes here, including **Light mode** and **Dark mode**.

### Dark mode

- **Auto switch:** Switch to Dark/Light mode at sunset.
- **Dark mode settings:**

Go to **Settings > Display & brightness > Dark mode > Dark mode settings**.

There are three different styles, including Enhanced, Medium, and Gentle.

You can make custom adjustments here, for example, adjusting wallpapers or icons to Dark mode or not.

### Brightness

- **Auto Brightness:** When enabled, the phone will optimize the screen brightness setting according to ambient light conditions. You can also manually adjust the slider bar to set your preferences.

## Screen color mode

- **Screen color mode:** There are several different modes here. You can choose the mode according to your preference and adjust the screen color temperature in the mode.
  1. **Vivi mode:** A vibrant color display.
  2. **Natural mode:** Softer color. Supports color management.
  3. **Pro mode**
    - a. **Cinematic:** Use Display P3 mode for more faithful color reproduction.
    - b. **Brilliant:** Use the Enhanced color display.
- **Nature tone display:** automatically adjust screen color temperature according to ambient lighting.
- **Eye Comfort:** Eye comfort reduces blue light from the screen and alleviates eye strain. It is normal for the screen to appear yellowish with eye comfort on.
  - \***Schedule:** You can also set the start and end time of Eye comfort according to your own habits.
  - \***Screen color temperature:** adjust the screen color temperature when Eye comfort on.
  - \***Display effects:** Color/Black & white

## Video Enhancement Engine

- **Image sharpener:** Enhance the clarity of low-quality images and videos. This will increase battery usage.
- **Video color enhancer:** SDR-to-HDR technology widens the color gamut for a superb visual experience. This will increase battery usage.
- **Bright HDR video mode:** Increase screen brightness when playing HDR videos. This will consume more power and cause your phone to heat up.
  
- **Auto-rotate:** If enabled, the phone display will automatically rotate as the phone rotates.
- **Auto Screen off:** You can choose the length of time the screen will automatically go off here.
- **Screen resolution:** Auto select/FHD+/QHD+.
- **Screen refresh rate:** Standard 60/High 120 Hz.
- **Screen display:** Front camera display by app/full screen display by app.

## Sound & vibration

Go to **Settings > Sound & Vibration** to change the sound settings on your device.



## Live Caption

Live caption detects speech on your device and automatically caption generates captions.

## Do Not Disturb

When Do Not Disturb mode is turned on, your phone will not show new or existing notifications or make a sound or vibrate. Note that critical notifications for phone activity and status will still appear. You can allow exception below.

- **Schedules:** Set **Do not disturb** duration or set the time to automatically turn on and off.
- **Allowed notifications:** Choose special settings for notifications when Do Not Disturb is on.
- **Allow messages from:** Choose special settings for message when Do Not Disturb is on.
- **Allow calls from:** Choose special settings for calls when Do Not Disturb is on.
- **Ring for repeated calls:** A second call from the same number within 3 minutes will not be silenced.
- **Silence media when Do Not Disturb is on.**

## Volume

- **Media:** Adjust the slider to set the volume for playing music, video and more.
- **Ringtone:** Adjust the slider to set the ringtone volume for phone calls and other notifications.
- **Notifications:** Adjust the slider to set the notification volume for phone calls and other media notifications.
- **Alarms:** Adjust the slider to set the ringtone volume for alarms.
- **Media volume muted:** The media volume and device are silenced simultaneously. You may make any adjustments manually.

## Ringtones

Set the ringtone and vibration for incoming phone calls.

- **Ringtone:** Set the ringtone and vibration pattern with ringtone.
- **Notification sound:** Set the Melody and alert tones for other notifications.
  - **Melody**
    - Music box
    - Electronic
    - Harp
    - Waterdrop

## Vibrate

- **Vibrates on ring** (on/off)
- **Vibrate intensity:** Vibrate on ring/ Notification vibration.
- **Haptics and tones (O-HAPTICS):** All-new haptics mimic the feel of real materials and natural interactions for a true-to-life, immersive experience.
  - **System haptics:** get haptic feedback for touches, swipes, and more.
  - **Haptic intensity**
  - **How touches feel:** Crisp/Gentle
  - **Sounds**
    - Dial pad tone
    - Lock screen sound
    - Screenshot sound
    - Fingerprint animation sound
    - Touch sounds

## Dolby Atmos

There are several sound profiles for different environment and scenarios.

- **Environment profile:** Indoor/ On-the-go/ Commute/ Flight.
- **Scenario-specific profile:** Smart/ Movie/ Gaming/ Music

Advanced settings:

- **Volume button function:** When you press the volume adjustment button, the selected option will change accordingly. You can choose **media volume** or **ringtone volume** based on your preference.
- **Default recorder:** Auto select/Add-on.

## **Notifications & status bar**

Go to **Settings > Notifications & status** to set up system notification and app notification.

BY Location

You can set up notifications in different locations and choose allowed applications in each location.

- **Lock screen:** You can enable to **Swipe down on Lock screen to view notification drawer**, select **Lock screen notifications** pattern( show app and notification content/ Do not show) and **Wake screen when a notification is received**.
- **Banner:** Enable to **Simplify banner notifications when using an app in full screen**.
- **App icon badges:** Set up **Badge** showing pattern (Number/ Dot/ Number or Dot/ Do not show)

## Status bar

You can set the notification icons, style of the battery, enable/disable showing Battery percentage, time and manage icons in the status bar.

- **Notification icons:** You can change notifications icons status here, **Show icon, Show number,** and **Do not show.**
- **Battery style:** You can change battery style here(Vertical/ Loop/ Do not show)
- **Battery percentage:** Show the battery percentage at the top of the screen.
- **Status bar icons:** Status icons are displayed on the status bar at the top of the screen. The icons listed in the table below are the most common ones.
  - Real-time network speed
  - Bluetooth
  - HD voice
  - VoWiFi
  - Ring
  - NFC
  - Earphones
  - Alarm
  - Data saving
  - High performance mode
  - Do Not Disturb
  - VPN

## App notifications

You can turn notifications from receiving apps on or off.

## Password & security

Go to **Settings** > **Password & security** to set up fingerprints, faces and passwords for your phone.

### Lock screen Password

Your Lock screen password cannot be retrieved if you forget it and you will no longer be able to unlock your phone or view phone data.

- **Select password type:** You can choose different ways to set your lock screen password, including Numeric(4-digits, 6 digits and 4-16 digits), Pattern and Alphanumeric(4-16 letters and digits).

### Face

You can add/delete face data and set face unlock preferences.

- **Add face data:** Follow the on-screen prompts to add your face data.  
\*Do so in a bright environment and ensure that you are facing your phone for the best results.
- **Use Face data for:** Use face unlock to unlock the screen, apps and private safe.

- **Enter Home screen after unlocking:** Enable this to unlock your phone with your face as soon as the screen turns on without swiping first.
- **Brighten screen in dim light:** In situation where the camera cannot recognize your face, the screen will light up to help the camera recognize you.
- **Require eyes to be open**

## Fingerprint

You can add/delete fingerprints and set fingerprint preferences through

### **Fingerprint.**

- **Add fingerprint:** Follow the on-screen prompts to add your fingerprint.
  - \*Add your fingerprint again after replacing the protective film.
  - \*Add only one fingerprint information at a time.
  - \*Press firmly on the phone screen to ensure your fingerprint data is fully added.
- **Use fingerprint for:** Use fingerprint unlock to unlock the **screen, apps** and **private safe**.
- **Quick launch:** Touch and hold the fingerprint sensor until an icon menu appears, then slide to an icon and release to launch the function or app.
- **Fingerprint animation effect:** Set animation effect. You can select one of

the several forms below: (could be adjusted in Personalizations)

- Cosmos
- Energy
- Ripple
- Stripe
- Fireworks
- Magic
- None

\*In addition to unlocking your phone, you can use your fingerprint to authorize purchases and access apps.

- **Move device to show fingerprint icon:** When the screen is off, move your device slightly to bring up the fingerprint icon for device unlock.
- **Fast unlock:** When the screen is off, press on the area where the fingerprint icon is usually displayed to quickly unlock your device. Turning this feature on will increase battery usage.

## Privacy password

The privacy password will be used for verification in App lock, Hide apps and Private safe. It will be saved in a security module and cannot be accessed by the system or apps. You can set **Question** and **Recovery email** for Privacy password.



## Manage passwords

- **Autofill service:** Google/None

## System security

- **Security status**
  - **Google Play Protect**
  - **Find My Device:** It helps you locate your device remotely and keeps your data safe if the device is lost.
    - Find My Device app: Get it on Google Play.
    - Find My Device web: Open web portal (Web: Visit [android.com/find](https://android.com/find).)
  - **Security update**
- **Device security**
  - **Smart Lock:** Keep your phone unlocked while it is on you, at specific places that you trust, or near your connected devices.
  - **Require password to power off:** Set your device to require the Lock screen password whenever you power off your device using the Power button or Google assistance. This can prevent your device from being powered off by someone else so you can find it remotely if you lose it.

- **App installation**
  - **Installation sources**
- **Other**
  - **Device admin apps**
    - **Find My Device:** Enable to find your device or to lock or erase data from a lost device.
  - **Credential storage:** You can view **Trusted certificates** and **User credentials** and install certificates from storage.
  - **Trusted agents**
  - **Screen pinning:** It allows you to keep the current app in view until you unpin it. When an app is pinned, the pinned app may open other APPs and personal data may be accessible.
    - To use this function:
      1. Turn on screen pinning.
      2. Open the app you want to use, and then tap the Recent button at the bottom of the screen to enter the Recent screen.
      3. Tap the Menu button in the upper right corner of the app screen, and then tap Pin.
    - **Note:** Screen pinning will affect functions such as incoming calls and alarms. Screen pinning is unavailable if Navigation gesture is turned on.

## Privacy

### Privacy dashboard

Show the permissions of Location, Camera, Microphone and others.

### Permission manager

Set app permissions to use microphone, camera, contacts, calendar and more.

### Privacy protection

- **App lock:** You can add the apps that you want to lock with a password.
- **Hide apps:** Hide an app's Home Screen icon and notifications, and don't show it in recent tasks. You can enter your access code on the dial pad to access hidden apps.
- **Private Safe:** Collect your information as well as obtain the following permissions during use: access the network and read, write, or delete storage data. For details, refer to the Privacy Notice.

### Show password

- Enable this to display characters briefly as you type.

## Experience improvement programs

- **OnePlus notifications:** Receive official OnePlus news, product information, questionnaires, and recommendations/coupons.
- **User Experience Program:** Allow OnePlus to anonymously analyze general statistical data about phone usage to improve product design and user experience.
- **System Stability Improvement Program:** Allow OnePlus to access system logs anonymously. In the event of an error, allow a bug report with logs to be submitted which will only be used for system error analysis and stability improvements.
- **OnePlus Service Messaging:** Allow OnePlus to deliver prompt cloud messaging services to ensure an optimized product experience.

## Advanced

- **Android System Intelligence:** Get suggestions based on the people, apps, and content you interact with.
- **Autofill service from Google:** Saved passwords, credit cards, addresses.
- **Google location history:** Saves where you go with your device.
- **Activity controls:** Choose the activities and info you allow Google to save.
- **Ads:** Advertising ID and personalization.
- **Usage & diagnostic:** Share data to help improve Android.

- **Alert me when apps read clipboard: (on/off)** Allowing apps to read your clipboard may cause privacy leaks.

## Safety & emergency

### Emergency SOS

- **Power button for quick SOS:** Press the Power button 3 times in a row to make an emergency call.
- **Emergency contacts:** In an emergency, use the Emergency call feature to instantly call your emergency contacts for help.
- **Medical info:** Add your medical information to give first responders the critical information they need.
- **Emergency call & message:** Set the preferences of SOS action, which can be **Call local emergency number** or **Share location with emergency contacts**. You can set sound alert before dialing and default emergency services number.

### Google play services

Regularly checks your apps and device for harmful behavior. You' ll be notified of any security risks found.

- **Emergency Location Service:** Send ELS Location

- **Wireless Emergency alerts:** Allow alerts including Alerts options and Alert preferences.
- **Emergency alert history:** Previous emergency alert history.

## Battery

Go to **Settings** > **Battery** to view battery details and set battery preferences

Save power

Optimize battery life by turning off some apps.

Power saving mode

Enable this to extend battery life. Battery saver will turn off some device features and restrict apps. You can choose to manually turn it on at specified battery level or select Turn off when fully charged.

Reverse wireless charging

- **Reverse wireless charging:** Automatically turns off if your phone does not detect a device to charge within 2 minutes.
- **Disable when battery is low:** You can set specified battery level.

## Advanced settings:

- **High performance mode:** The system always operates in a high-performance mode, but it will increase extra power consumption.
- **Optimize battery use:** Automatically optimize apps that are draining battery in the background.
- **Sleep standby optimization:** Your phone consumes less power and reduces notifications when you are asleep.
- **Optimized night charging:** To reduce battery aging, your phone learns from your daily charging routine so it can control the charging speed at night and avoid overcharging.
- **Wireless charging settings:** Quiet charging, Always, Bedtime, Custom.
- **Nearly Charging Stations:** Notify when there is a charging station nearby.

## Battery usage

View battery usage details since full charge and the list of which processes use the most battery.

## Apps

Go to **Settings > Apps** to manage your device's apps, change their settings,

view app info, set notifications and permissions, and more.

## App management

You can check out the apps already installed on your phone here.

## Default apps

Set the default apps for home, browser, phone, SMS, gallery, mail, and more.

## Special app access

You can set special app access such as modify system settings, device & app notification, usage access, all files access, Wi-Fi control.

## Auto launch

When this button is off, the settings below will save power. When this button is on, the settings below will ensure that you can continue receiving messages normally.

## Display over other apps

You can view and configure supported apps. When you open the specified



application in **Display over other apps**, the app will create a picture-in-picture window when you open or leave the application (such as continue to watch video), which displays on top of the other apps you are currently using.

\* This function needs to be supported by the application itself.

## App Cloner

Some apps can be cloned. The cloned app will appear on the Home screen and can run at the same time as the original app. The list will show you the applications that supports App cloner. Tap the application to open App cloner.

## Location

Enable this to allow apps to use location information.

### Positioning control

- **Wi-Fi and Bluetooth scanning:** Allow apps and services to scan for Wi-Fi and nearby devices at any time.

\*Location may use sources like GPS, Wi-Fi, mobile networks, and sensors to help estimate your device's location. Google may collect anonymized location data to improve location accuracy and location-based services.

## Recent location requests

You can see the recent location requests and information of applications here.

## Special features

### Quick launch

- Access frequently used functions while unlocking your device. Touch and hold the fingerprint sensor until an icons menu appear, then slide to an icon and release to launch the function or app.
- You can also slide to a function or app to launch it before the icon menu even appears.

### Split screen

- Display two apps in the screen for easier multitasking. Swipe up with 3 fingers to enter Split screen.

### OnePlus Shelf

Add widgets and get info on weather, steps taken, and more.

- **Launch shelf from top right corner:** You can set shelf entry pattern.
- **Add new widgets:** Select widgets to add to Shelf.

- **Header:** Show Custom greeting message on Shelf.
- **Data cards:** Weather information, Storage usage, data used and step counter.
- **Apps & services:** Application services on Shelf.

## Work Life Balance

Strike the balance between your personal and professional life.

You can select location/ Wi-Fi name/timing to confirm the conditions for automatic activation, and customize the relevant applications that you want to receive notification, and add a reminder of "whether to switch to work/life mode" when switching modes.

- **Work mode**
  - **Be focused at work:** Get the information and notifications about work based on the types of applications and your accounts.
  - **Improved your productivity:** Manage work notifications and setup the mode as per work schedule, Wi-Fi, and locations.
- **Life mode**
  - **Be relaxed at home:** Only receive notifications from desired social/entertainment apps.

Scout

Unlock a smarter search for in-depth results across apps. One-stop service for all searches, you can find any content of your phone, including App, settings and media. The entry remains in Shelf.

## Digital Wellbeing & parental controls

Your Digital wellbeing tools

**Today:** Show today's screen wake up times.

**Unlocks:** Show today's device unlock times.

**Notifications:** Show today's notifications received times.

Ways to disconnect:

- **Dashboard:** Manage the dashboard by screen time, Notifications received and Apps times opened. Click the icons on the right of the Apps name to set app timer, once ran out, the app will be paused for the rest of the day, it will pop up a window showing "App paused, your (App name) timer ran out. It'll start again tomorrow." You can click **Settings** on the pop-up window to delete the timer.
- **Bedtime mode:** Use **Bedtime mode** to disconnect from your phone and avoid interruptions while you sleep. When it starts, Grayscale removes the

screen's color, Do Not Disturb will mute sounds so you aren't woken up by calls or notifications. When it ends, your phone changes back to its usual settings.

- **Focus mode:** Set to pause distracting apps when you need time to focus.

Reduce interruptions:

- **Manage notifications:** Disable or enable app notifications.
- **Do Not Disturb:** Please refer the **Do Not Disturb** part mentioned before (Go to **Settings > Sound & vibration > Do Not Disturb**) for settings.
- **Heads up:** If you're walking while using your phone, get a reminder to focus on what's around you. Use with caution. Heads Up doesn't replace paying attention.
  - **Permissions:** Physical activity and location (optional)
- Show icon in the app list (on/off)
- Parental controls: Add content restrictions and set other limits to help children balance their screen time.

## System settings

Go to **Settings > System settings** to customize your system settings.

System Navigation

The device supports two types of navigation: Buttons or Gestures.

- **Hide gesture guide bar:** Enable to set guide bar.
- **Vibrate on back navigation:** Enable to set up vibration.
- **Switch to previous app:** Swipe inward from the left or right side of the screen and then hold to switch to the previous app.
- **Mistouch prevention:** Gestures in some games need 2 swipes to take effect when you use full screen in landscape mode.
- **Gesture tutorial:** You can learn gestures in the tutorial.

## Language

Set your system language and input method.

- Tap **Add a language** to add language.
- Press and drag the selected language to the top of the list to set the language to the system language.

## Keyboard & input method

You can set your preferred keyboard here.

- **Keyboard and input method:** You can select **current keyboard** and set **secure keyboard for passwords**.
- **Available Keyboard**

- **Gboard:** multilingual typing.
- **Google voice typing:** Enable this feature to enable you to enter text by voice.

\*Note: You can choose between Gboard and Google voice typing.

- **Keyboard settings:**

- Keyboard location (default/hidden)
- Mistouch prevention: Swiping on the left or right edges of the keyboard will not return you to the previous page.

- **Input assistance**

- **Autofill service:** Enable this to automatically fill in saved data when you browse the web or enter your account password or in other scenarios. This function will require additional apps to be installed.
- **Personal dictionary**
- **Point speed**

## Date & time

Set system date and time.

- **24-hour format:** Enable this for the system time to be in the 24-hour format or disable it to use the 12-hour format.
- **Set time automatically:** Enable this for setting system time automatically or disable it to select **date** and **time**.

- **Set time zone automatically:** Enable this for setting system time zone automatically or disable it to select time zone.

## Accessibility

The accessibility is optimized for the operation experience of visually impaired users, so that visually impaired users can use the phone smoothly.

- **General**
  - **Press Power button to end calls**
  - **Accessibility menu:** Show frequently used functions in a large menu.
  - **Accessibility button:** Quickly access accessibility features from any screen.
  - **Shortcut from Lock screen:** Allow accessibility function shortcuts to be accessed from the Lock screen.
- **Vision**
  - **TalkBack:** When TalkBack is turned on, it will provide you with voice feedback so that you don't need to look at the screen while using the device. This feature is very useful for the blind and those with low vision.
  - **Select to speak:** When select to speak is enabled, you can click on certain items on the screen and the system will read them aloud.
  - **Text-to-speech settings:** You can customize the text-to-speech



output. You can also choose the language (temporarily support Chinese and English), speed and pitch according to your usage habits.

- **Magnification:** You can set magnification type to switch between full and partial screen quickly zoom in on the screen to display content more clearly.
- **Other functions:** color vision enhancement, color inversion, high contrast text and remove animations.
- **Hearing**
  - **Live Caption:** Live Caption detects speech in media and automatically generates captions.
  - **Caption preference:** You can set language, text size and caption style.
  - **Hearing aids:** To pair your hearing aids, find and tap your device on the next screen. Make sure your hearing aids are in pairing mode.
  - **Mono audio:** Combine channels when playing audio.
  - **Channel volume balancing:** Sliding to the left or right will decrease the sound volume in the opposite channel.
- **Interaction**
  - **Touch & hold delay:** (short/medium/long)
  - **Time to take action:** Choose how long to show messages that ask you to take action, but are visible only temporarily.
  - **Vibration & haptic:** Ring vibration, notification vibration, touch feedback.

- **Ignore repeated taps:** Repeated taps within the time you set will be ignored.
- **Switch access:** Let people with motor impairments control phones and tablets using one or more switches. Use switches to select items, scroll, enter text, and more.
- **Large mouse pointer** (on/off)
- **Click when pointer stops:** When a mouse is connected, you can set the mouse cursor to click automatically when it stops moving for a certain amount of time.

## Gestures & motions

### Gestures

- **Screen off gestures:** Use specified gestures on the screen for quick access when the screen is off.
  - **Double tap to wake or to turn flashlight on or off**
  - **Draw an O to open camera**
  - **Draw a V to turn on/off flashlight**
  - **Music control:** Use two fingers to draw "||" to stop or resume music playbacks and "<" or ">" to play previous or next song even when the screen is off.
  - **More gestures:** You can set more specific gestures to unlock, call and open an app.

- **Swipe down with 3 fingers to take screenshot:** Take a screenshot.
- **Touch and hold with 3 fingers to take screenshot:** Take a partial or scrolling screenshot.

## Motions

- **Raise to wake**
- **Lift to ear to answer calls**
- **Auto switch to receiver:** Automatically switch to the receiver when you lift your phone to your ear.
- **Flip to mute incoming calls**

## One-handed mode

Swipe down from the bottom of the screen to enter **One-handed mode**.

Swipe up or tap area at the top of the screen to exit. This feature works only when navigation gestures are enabled.

## Power button

- **Press and hold the power button:** Press and hold the power button for Voice Assistant when the device is on, and it can also be changed to **Power menu**.

## Screenshot

There are three methods to get a screenshot.

- **3-finger swipe down:** Screenshot.
- **3-finger touch and hold:** Take a partial or scrolling screenshot.
- **Power and Volume Down button:** Screenshot.
- **Tutorial**
- **Delete original image after editing:** You can turn off or on delete the original image after editing.
- **Screenshot sound (on/off) :** You can turn off the screenshot sound.
- **Preview window location:** left or right.
- **About:** Privacy notice and source licenses

## Screen recording

Tap "Screen recording" in Quick settings to start recording. During screen recording, if you turn off the screen, make a phone call, or power off your device, the current recording will end and be saved automatically.

- **Record system sound:** Record system sound at maximum volume.
- **Record microphone sound.**
- **Definition:** High/ Medium/ Low/ Custom
- **Frame rate:** A higher frame rate results in more fluid videos, but may consume more power.
- **Record front camera video:** Record video with the front camera when taking a screen recording.

- **Show screen touches.**
- **Video coding formats:** H.265/ H.264
- **About:** Function description and user instructions and source licenses.

#### Scheduled power on/off

For the convenience of users, the time switch on/off function is built in. You can go to Settings > Additional settings > Scheduled power on/off. to set this function.

#### OTG connection

OTG connection: Automatically turns off if not used 10 minutes.

#### RAM Boost

- **Enable RAM Boost:** Optimize RAM utilization based on your usage.

#### Back up and reset

- **Back up & migrate:** Back up data to or restore data from a local storage device.
- **Google Backup:** Using google to backup data, accounts and automatic restore.
- **Reset phone:** Reset network setting; Reset all setting; Erase all data

(factory reset)

## About Device

View basic phone information, system version, and more in the **About device** option.

- **Device name:** Tap to edit the device name.
- **Storage:** Apps storage.
- **Processor**
- **Model**
- **RAM:** when enough storage space is available, you can use part of it to expand your RAM.
- **Android version:** Show Android version and Android security update.
- **Version:** This shows the baseband & kernel version.
- **Legal information:** This shows user agreement, privacy notice, open source licenses, google legal, Google play system update licenses, health & safety information.
- **Status:** Tap to view the phone number, signal, etc.
- **Award:** Tap to view OxygenOS Contributors.

- **Regulatory**

## **Users & accounts**

### Multi-users

- **You (Owner):** Display the currently logged in user. Tap to change username (username defaults to the phone owner).
- **Guest:** Tap to switch to guest mode, and limit calls and some features. You can enable/disable the **Allow calls** by tapping the settings icon to the right of the **Guest**.
- **Add user:** Share the device with other people by creating additional users.

### OnePlus Account

View the services for accounts.

### Automatically sync app data

This will conserve data and battery usage, but you will need to sync each account manually to collect recent information, and you will not receive notifications when updates are available.

## Google

Manage your Google account and services.

## Tips & Support

Tips and Support provides tips and FAQ on device usage.

## Apps

Learn about the apps on your OnePlus device.

## Phone

### Dialing

- Method 1: Tap the keypad (dial pad) button, enter the contact number, and press the call button to dial the number.
- Method 2: Browse your contacts or call logs, and tap the number to dial it.
- Answer or refuse incoming calls: Swipe down to reject a call or swipe up to accept it.
- Incoming call during normal use: The green button is to accept the call



and red is to reject it.

## Call screen

After accepting a call, the interface functions are as follows:

- **Speaker:** Enables loud speaker mode during call.
- **Keypad:** Opens the dial pad.
- **Mute:** Mutes the microphone.
- **Add call:** Adds multiple calls.
- **Hold:** Allows you to answer a new call by putting the current call on hold and then resume the current call when the new call ends.

## Settings

Tap the menu button in the upper right corner to start settings.

- **Caller ID & spam:** Switch on to identify business and spam numbers based on data provided by Google.
- **Accessibility:** Set TTY mode and hearing aids compatibility.
- **Assisted dialing:** To enable or disable “Assisted dialing” while roaming, and “Default home country/region code” .
- **Blocked numbers:** When switched on, you won’ t receive calls or texts from blocked numbers from unidentified callers.
- **Calls**
  - **Answer/End call:** Auto answer calls when connected to external audio

device, Press Power button to end call, Vibrate when call is answered/ended.

- **Flash on call:** The camera flash will blink for incoming calls when the screen is locked.
  
- **Display options:** Change the sort order rule, name format and turn on and off dark theme of contact' s background.
  
- **Nearby places:**
  - **Personalized search results:** Enable to improve your search results by including items from search history.
  
  - **Location settings:** Switch on to permit app collect and use your location data.
  
- **Quick responses:** Respond to an incoming call with a text message.
  
- **Sounds and vibration:** Set the sound and vibration.
  
- **Voicemail:** Set voicemail notification as Important or Other.
  
- **Caller ID announcement:** the caller' s name and number will be read out loud for incoming calls.
  
- **Flip to Silence:** Enable to silence an incoming call by placing your phone face down on a flat surface.

## Contacts

Contacts has following functions: Edit, delete, search, set labels, manage blocked numbers and more.

Add a contact

1. Enter Contacts
2. Tap + to create new contact
3. Enter contact information
4. Tap "save" in the upper right corner to save it

## My Files

In **My Files** you can quickly access and manage a variety of files.

Enter the application drawer and open the My Files application.

Clean

View the internal storage and give cleaning suggestions.

Browse


- **Recent:** Check recent files.
- **Categories:** Check files by file category, including Documents, Downloads, Photos, Videos, Audio and so on.
- **Collections:** You will see files you add to Favorites and in safe folder here.
- **Storage:** View and manage folders and documents stored on your phone

and your cloud drive.

## Share

Send and receive files by Nearby Share.

## Details

- **Search file:** Tap  and then enter key words to find your files.

## Messages

Send, receive, and view Messages through the Messages app.

### Send message

1. Open the Messages application.
2. Tap the button in the lower right corner.
3. Select recipient.
4. Enter SMS content.
5. Tap the send icon in the lower right corner to send a message.

### View and reply message

Messages are sorted by time.

1. Open the Messages app.
2. Select the message you want to view from the list.

3. If you want to reply to a message, enter the message in the text box at the bottom of the screen, and then tap the send icon on the right to send it.

## Message settings


Tap the menu button in the upper right corner and select Settings. Message settings include Chat features, Notifications, Bubbles, Hear outgoing message sounds, Pinch to zoom conversation text, Your current country, Automatic previews, Spam protection, Advanced, About, Terms & privacy. Enter advanced settings to reach Group messaging, Auto-download MMS when roaming, Use simple characters, Get SMS delivery reports, Wireless emergency alerts and more.

## Weather

Provides the weather forecast and early warning function.

- **Check the weather: Open the app drawer and open the Weather app:**

Provides information on weather, temperature, the following six days of weather, the following 24 hours of weather, wind direction, body temperature, humidity, visibility, pressure and more.

- **Add city:** Tap “- **Switch city:** Swipe left and right to switch between cities.

- **Settings:** Tap the menu button in the upper right corner and select **Settings**.
- **Weather alert:** Enable this to receive weather notifications.
- **Temperature:** Select the temperature unit – Celsius or Fahrenheit.
- **Wind:** Select the wind unit, like Meters per second – m/s, Kilometers per hour – km/h, Feet per second ft/s, Miles per hour- mph, Nautical miles per hour – kts.
- **Precipitation:** Select units of precipitation, Millimeters – mm, Inches – in.
- **Visibility:** Select units of visibility, Kilometers – km/ Miles – mi.
- **Pressure:** Choose the unit of pressure, Hectopascals – hPa, Millimeters of mercury -mmHg, Inches of mercury – inHg.
- **Rate Our App:** OnePlus Weather

## Calculator

Calculator provides common calculator functions.

Enter the application drawer and open the Calculator app.




- **Basic Calculator:** The calculator provides a basic calculation mode by default, which can perform simple addition, subtraction, multiplication and division calculations.
- **Scientific Calculator:** Tap the spread icon on the left bottom corner to enter scientific mode.

- **View history:** Swipe down to view history, and tap the CLEAR button in the upper right corner to clear it.

## Recorder



Recorder provides recording and playback functions.

Enter the application drawer and open the Recorder app.

- Record:
- Start recording: Tap  to start recording.
- Pause the recording: Tap  to pause a recording.
- Insert tags: Tap  to insert tags.
- Set the recording format: You can set the recording format (aac / wav) by selecting the settings in the upper right corner of the main interface.
- Recording playback and management:
- Enter the recording file list.
- Play recording: Tap the recording to play.
- Delete recording: Long press the recording that needs to be deleted and tap the delete button.

## Notes

Sticky notes let you to take quick notes and edit text and pictures.

- **Add note:** Tap  to add a note. Supports adding text, album pictures, photos, voice recognition, doodles, notebook, to-do list. Allows to delete notes, set reminders, etc.
- **Change the text styles:** Tap the “Aa” icon to change the style of your texts.
- **Search notes:** Tap  and enter the keywords to search.
- **Delete a note:** Long press the note that you want to delete and tap the "delete" button.
- **Share a note:** Open the note you want to share, tap the share button in the upper right corner, select the sharing method, and then press the page prompt to complete the sharing.
- **Add reminders to your notes:** Open the note and tap the menu icon in the top bar, then select reminder to set the date and time for the reminder.

## Gallery

All images and videos are saved by default in the Gallery app, which includes albums, recently deleted photos, and photo editing functions.

- **Photos:** Photos and videos are displayed in a timeline list view.
- **Collections:** This includes commonly used albums, recently deleted albums and other albums. Tap albums to view specific lists and photos.
- **Explore:** This includes Smart category feature and Story function. Smart



category will categorize photos by "people" , "places" and "things" and other standards. Story feature will create personal videos automatically based on specific photos.

- **Dynamic Layout:** Double-finger zoom to open the size display and enjoy reasonable images layout.

## Clock

### Alarm

- **Add alarm clock:** Tap the "+" button below to add and set a new alarm.
- **Alarm clock time:** Drag the dot in the dial to set the hours. Drag it again to set the minutes.
- Tap the keyboard icon on the middle right to switch to the numeric keyboard to input the time.
- **Repeat:** You can choose Monday to Sunday. Tap the downward arrow on the right to enter the calendar for custom selection.
- **Alarm Ringtone:** Select the alarm clock ringtone from system ringtones or local storage.
- **Vibrate:** When the alarm clock rings, the phone will vibrate at the same time.
- **Label:** An alarm note will be displayed on the screen when it rings.



- **Delete alarm:** Long press the alarm you want to delete and tap “Delete” .

## World Clock





Add region: Tap the globe icon at the bottom of the screen to check and select the cities from the list.

- **Comparison time:** Drag the dot on the dial to see the time of the city you added.
- **Weather:** The weather will be showed when you tap on the city name.

## Timer

- **Add countdown:** After entering the minutes and seconds, press the start button to start the countdown.
- After starting a countdown, you can select the button in the lower right corner to add another countdown. (Swipe up/down to view other timers)
- **Delete countdown:** Tap  to delete a specific countdown time.
- **Pause:** Tap  to pause a countdown.
- **Label:** Tap “Add Label” to input whatever you want to rename it.

## Stopwatch

- **Start:** Tap  to start the timer.
- **Pause:** Tap  to pause the timer.
- **Mark:** Tap  to mark.
- **Share:** Tap  to share the timer.

## Zen Mode

Zen Mode allows you to put the phone down and enjoy your life just yourself or with others you like. Once started, it can't be canceled, and incoming notifications will be temporarily muted. Applications except camera will be locked, but you can still receive phone calls and use the emergency call.

- Turn on Zen Mode

There are two ways to turn on Zen Mode.

1. Pull the notification panel down > tap **Zen Mode**.
2. Zen Mode can be dragged to the desktop and turned into an icon.

\* Zen Mode can be uninstalled.

In Zen Mode > tap the time > set the duration > Swipe left or right to switch between different themes > tap the button below to start.

- **Set Zen Mode:** Enter Zen Mode > tap profile icon in the top right corner and then tap settings icon. Set the theme sounds, daily reminder, notification and more.
- **Group-Zen:** You can create a room, and share to friends by SNS. It is not limited to OnePlus.

## Clone Phone

"Clone phone" allows you to quickly migrate contacts, call logs, text messages, pictures, audio, video, notes, apps, downloads, documents, and other data from your previous phone to your new phone. Clone phone also provides local backup and recovery.

## **Google Apps**

Enjoy applications powered by Google. Visit [Google.com](https://www.google.com) to learn more.

### Google

Find online content with tools that learn what you are interested in. Turn on your personalized feed to receive customized content.

### Chrome

Browse the Internet with Chrome and bring your open tabs, bookmarks, and address bar data from your computer to your mobile device.

### Gmail

Send and receive email with Google's web-based email service.

### Maps

Get directions and other location-based information. You must enable location services to use Google Maps.

## YouTube

Watch and upload videos from your device.

## Drive

Open, view, and share files saved to your Google Drive cloud account.

## Duo

A video calling app that allows you to connect with the people who matters most.

## Photos

Store and back up your photos and videos automatically to your Google Account with Google Photos.

## YouTube Music

A new music app by Google that allows you to easily find the songs and videos you' re looking for and to discover new music.

## Files

Files is a file management app for file browsing and transfer.

## Calendar

Google Calendar is an app for time management and schedule.

## Assistant

Google assistant is an artificial intelligent assistant. Refer to "[Google Assistant](#)" for more details.

## Play Store

Play store is an online application store, you can install applications you need here.

## Advanced

**Learn about advanced tips for your phone**

## Games

OxygenOS provides **Games** to stop you from being disturbed and give you immersive feelings and experience when you are gaming.

### My games

You can see your games list, view notifications and messages and stored game captures. You can add games and switch layout in the Games. Your game duration and playing frequency can be viewed in **Gaming data**.

## Explore

Provides excellent game contents for game recommendation. You can see the most played games and trending games lists.

## Reviews

Show the latest and popular evaluations and comments for different games.

## Settings

Go to **Games > My games > Settings** to customize your game setting for preference.

## General

- **Gaming Tools:** A collection of handy gaming tools. Swipe down from the upper left or right corner of the screen while in a game to bring up the Gaming tools.
  - Add WhatsApp, discord and messenger: Provide a more convenient social channel for players.
  - Performance settings: low power mode/ Balanced mode/ ProGamer mode

- Game forces mode: turn on the game focus mode.
- Notifications
- Screen recorder: lets you capture videos of your phone screen(including touch events) alone with sound
- Touch optimization: Allows players to adjust Touch sensitivity & Swipe sensitivity, and it can provide richer customization (for example: notification drawer mistouch prevention settings, etc.)
- System status: Display Real-time FPS/GPU/CPU data can be displayed in-game.
- Voice modulator: Fake your voice during playing games to have fun and protect your privacy. These five popular games support the voice change: PUBG/CODM/LOLM/Free Fire/Fortnite. Voice modulator is also available in Discord.
- **Move game icons to "Games"**: Display all your games in "Games" instead of the Home screen or app drawer.
- **Autoplay videos**: Choose Never autoplay video/ Autoplay video only over Wi-Fi/ over Wi-Fi and mobile network.
- **Update Settings**

## **Do not disturb**

When you do not want to be disturbed by a message, enable Do Not Disturb



mode. The phone will not ring or vibrate when it receives a notification, except for alarms and settings. Scroll to the notification bar and tap to enable the "Do Not Disturb" function. See Do Not Disturb for settings.

- **Answer calls on speaker:** calls are automatically answered on the speaker when playing the game.
- **Notifications style:** Select the notification display mode when game mode is on. There are four modes: Heads-up notifications, Text notification, Bullet notifications and Block.
- **Brightness lock:** The screen brightness will not be automatically adjusted when playing the game.

## **Performance enhancement**

- **4D vibration:** Get an immersive audio-visual gaming experience with scenario-specific vibration effects.
- **Smart network switching:** Automatically switch to a better network when your current network connection is slow. This may consume some mobile data.

## **Other**

- **Lightning start:** Quickly launch games you frequently play.

- **Game focus mode:** An advanced gaming mode created by e-sport experts. This mode will block all disturbances for a more immersive gaming experience. This mode will eliminate all gaming mistouches and interruptions by disabling Quick settings, navigation gestures, and Gaming Tools.
- **Game filters:** Apply real-time effects for your games. Game filters is available in gaming tools and supported by games PUBG MOBILE.

## **App Cloner**

Create a new copy for the application to login to different accounts.

Go to **Setting > Apps > App management > App Cloner**. The list will show you the applications that supports App cloner. Tap the application to open App cloner.

## **Display over other apps**

You can go to **Settings > Apps > Apps management > Display over other apps** to view and configure supported apps. When you open the specified application in Display over other apps, the app will create a picture-in-picture window when you open or leave the application (such as continue to watch

video), which displays on top of the other apps you are currently using.

\* This function needs to be supported by the application itself.

## Reboot, Update, Backup, Recovery

Learn to upgrade and reset your OnePlus device

### Reboot or force reboot

Most issues can be resolved by rebooting your device in the following two ways:

1. When powered on, press power button and volume up button simultaneously, and then tap "Restart" to reboot the device.
2. When powered on, long press the power button and volume up button for 10 seconds, the phone will shut down, and then press the power button to turn on the device again.

### System updates

1. Enter **Settings** > **About device** > **Software update** Then the system starts to check for updates.
2. Follow the instructions to download and update.
3. If your device is up to date, you will not see the instructions.

## Backup and Restore

Create a backup or recovery when needed.

Backup and restore by Clone phone.

Refer to Clone phone for more information.

Use Google drive for backup and recovery.

- **Create backup**

1. Access Settings > Users & accounts > Add account, login Google account and enable Account sync.
2. Wait for the system to complete synchronization automatically.
3. Use the Wi-Fi network to back up your device as the data size may be too large to back up using mobile data.

- **Restore Backup:** After a factory reset or when you switch to a new device, log in to your Google account on the device and enable Account sync to restore the data on the phone.

## Factory reset

- **Note:**

1. Restoring factory settings will wipe all app data, contacts, text messages, and so on. Backup important data before a factory reset.
2. If "Erase internal storage" is enabled, ensure that all important files, such as photos and documents in the phone and local backup, have first been copied to another device.

- **Operating guidelines:**

1. Settings > System settings > Back up and reset > Reset phone
2. Tap Reset phone
3. Enter passcode (If passcode is enabled)
4. Wait till the factory reset is complete

## Accessibility

Learn about Special features that make using the device easier for people with physical disabilities.

### Press power button to end calls

Go to **Settings > System settings > Accessibility > General** and then enable

"Press power button to end calls" . This allows you to end a call by simply pressing the power button.

### Magnification

Go to **Settings > System settings > Accessibility > Vision > Magnification >**

### **Magnification shortcut.**

- **To zoom in:**

1. Use the preset shortcut to start magnification.
2. Tap the screen.
3. Drag with two fingers to move around the screen.
4. Pinch in or out with two fingers to adjust zoom.
5. Use the shortcut again to stop magnification.

- **To zoom in temporarily:**

1. Use the preset shortcut to start magnification.
2. Touch and hold anywhere on the screen.
3. Drag your finger to move around the screen.
4. Lift your finger to stop magnification.

Note:

You can't use zoom function on the keyboard or navigation bar.

## **Color vision enhancement**

Go to **Settings > System settings > Accessibility > Vision** and enable **Color vision enhancement** to adjust colors based on your color vision for the most comfortable display effects.

- **Grayscale**

- **Red filter**
- **Green filter**
- **Blue filter**
- **Personalized**

## **Color inversion**

Go to **Settings > System settings > Accessibility > Vision** and enable "Color inversion" to invert the display colors.

## **High contrast text**

Go to **Settings > System settings > Accessibility > Vision > High contrast text**. Enable this function to increase the contrast with background.

## **Legal Notice**


### **Declaration**

Without prior written permission of OnePlus, reproduction, transfer, distribution or storage of the contents in this document in any form is prohibited. OnePlus operates a policy of ongoing development. Thus, OnePlus reserves the right to make changes or improvements to any of the products

described in this document without prior notice. The contents of this document are all provided "as is" . Except as required by applicable law, no warranties of any kind, either express or implied, are made in relation to the accuracy of this document. To the maximum extent permitted by applicable law, under no circumstances shall OnePlus or any of its licensors be responsible for any loss of data or incur any special, incidental, consequential, or indirect damages caused.

Availability of product supplies, application software, and accessories may vary. For detailed information, please refer to an authorized OnePlus distributor. This device may contain commodities, technology, or software subject to export laws and regulations. Diversion contrary to law is prohibited.

## **Trademarks and Permissions**

ONEPLUS and  are trademarks or registered trademarks of OnePlus Technology (Shenzhen) Co., Ltd. All rights reserved.

Android™ is a trademark of Google Inc.

LTE is a trademark of ETSI.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.



The N-Mark is a trademark or registered trademark of NFC Forum,



Inc. in the United States and in other countries.



Manufactured under license from Dolby Laboratories. Dolby, Dolby Atmos, and the double-D symbol are trademarks of Dolby Laboratories.

Wi-Fi®, the Wi-Fi CERTIFIED logo, and the Wi-Fi logo are trademarks of Wi-Fi Alliance.

Other trademarks, product, service and company names mentioned may be the property of their respective owners.

## **Privacy Policy**

OnePlus is constantly striving to protect your personal information. To better understand how we protect your personal information, you can read our "Privacy Policy" in the Setup Wizard when you turn on your phone for the first time. You can also check our "Privacy Policy" by following the steps: Settings > About Phone > Legal Information > Privacy Policy.

## **Regulatory Information**

Regulatory information can be found on your device by accessing through 'About Phone' found in the 'Settings' menu.

## **Precautions for using the device**

Please read all the safety and health information carefully before using your device to ensure its safe and proper operation. For more and the latest information, please visit <https://www.oneplus.com/support/manuals>.

## **Safety & Security Information**

- Do not use device at gas stations, service stations, or near fuel or chemicals.
- All wireless devices, including mobile phones, might be susceptible to interference, and it can also cause interference. Please check all laws and regulations when using your mobile phone, especially in airplanes, hospitals or medical institutions.
- Only use branded accessories and batteries that are approved by OnePlus. Accessories which are not approved by OnePlus may damage the phone or violate local regulations for radio devices. OnePlus will not take any responsibility for accidents or problems caused by using accessories that are not approved by OnePlus.
- Ideal operating temperatures are 0°C to 35°C, Ideal storage temperatures are -20°C to +45 °C.
- Only operate your phone between 35% to 85% humidity.
- Keep a minimum distance of 15 cm between a wireless device and an electronic implant (pacemaker, insulin pumps, neurostimulators, etc.). If wearing an electronic implant, hold the device on the side opposite the

implants.

- Keep the device away from the belly of pregnant women.
- Keep the device away from the lower abdomen of adolescents.
- Children and adolescents should make reasonable use of the phone. Avoid night communications and limit the frequency and duration of calls.
- To reduce the level of exposure to radiation, you should use the mobile telephone proximity to the network tower or use of accessories (hands-free kit etc.) or use loudspeaker if suitable; use the device under good reception conditions (when the signal indicator displays a full signal on the signal reception bar) can reduce the amount of radiation received; giving priority to the use of data, SMS and MMS messages rather than calls.
- If your device support wireless charger and when using it as a wireless charger it is intended for use as a desktop device and should not be carried when in this mode. To comply with RF exposure requirements when using in the wireless charging mode please place the device at a minimum distance of 10cm from your body.
- Please keep the phone out of reach of children in order to prevent injuries or property damage.
- Please do not attempt to repair, disassemble or modify the battery. Replacing battery by an incorrect type may present a risk of fire, explosion, leakage, or other hazard.
- Do not place or use battery or phone near fires, heaters, direct sunlight,

immerse or expose to water or other liquids, or other heat sources. Prolonged exposure to heat may cause battery leakage, explosions, or fires.

- Please do not place pressure on or pierce the battery with hard objects.

Damaging the battery could cause battery leakage, overheating, or fires.

- If any part of the product is cracked or damaged, discontinue use immediately and contact customer support.

- Do not charge the battery over 12 hours.

- All batteries have a limited lifespan and will begin to lose capacity after several hundred charges/discharges.

- Do not dispose of the battery as household waste. Promptly dispose of used batteries in accordance with local regulations.

- Do not place the phone or battery in a low air pressure location, which may lead to an explosion or battery leakage.

- Do not remove the Back Cover.

- When charging, please keep the device in a well-ventilated area. Please charge this mobile phone in an environment between 5°C and 35°C. If the phone has a flash charging function, it may not be able to enter the flash charging mode when the temperature is below 15°C or over 35°C.

- Do not charge the battery under the following conditions: in direct sunlight, in areas with humidity, dust or strong vibrations; outside the door; in areas near a TV, radio or other electrical appliances.

- The charger shall be installed near the equipment and shall be easily

accessible.

- Do not use the device and safety should take priority when you are operating a vehicle. Be sure to obey related regulations in the area or country in where you drive.



- To prevent possible hearing damage, do not listen at high volume levels for long periods.

## Laser Safety Statement

If this product supports the laser auto-focus feature. To ensure proper use of this product, please read this owner' s manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service center. Use of controls, adjustments, or the performance of procedures other than those specified herein may result in hazardous radiation exposure. To prevent direct exposure to laser beam, do not try to open the enclosure or make direct contact with the laser.

**CLASS 1 LASER PRODUCT**

## Regulatory Label Information (If supported)

You can check our "Regulatory Labels" by following the steps:

Setting >About Phone> Regulatory Labels

## EU/UK Regulatory Conformance

## CE Statement

Hereby, OnePlus Technology (Shenzhen) Co., Ltd. declares that the radio equipment type Smart Phone is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity (EU-DoC) is available at the following internet address: <https://www.oneplus.com/support/manuals>.

Notice: Observe the national local regulations in the location where the device is to be used. This device may be restricted for use in some or all member states of the European Union (EU).

## UK Statement

Hereby, OnePlus Technology (Shenzhen) Co., Ltd. declares that the radio equipment with this declaration and bearing the UKCA Mark is in compliance with UK Radio Equipment Regulations 2017.

The full text of the UK declaration of conformity is available at the following internet address: <https://www.oneplus.com/support/manuals>.



## RF Exposure Information (SAR)

- The SAR limit of Europe for Head and Body is 2.0W/kg, and for Limbs is 4.0W/kg. The highest SAR value of this device complies with this limit. And please see the “Highest SAR Value” card to find the highest SAR value.
- This device was tested for typical operation with the back of the handset kept 5mm from the body. To maintain compliance with RF exposure requirements, use accessories that maintain a 5mm separation distance between your body and the back of the handset. The use of belt clips, holsters

and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided.

- Cases with metal parts may change the RF performance of the device, including its compliance with RF exposure guidelines, in a manner that has not been tested or certified, and use such accessories should be avoided.

## Restrictions in the 2.4 GHz band

Norway: This subsection does not apply for the geographical area within a radius of 20 km from the centre of Ny-Ålesund.

## Restrictions in 5GHz band

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range in following countries:

	AT	BE	BG	HR	CY	CZ	DK
	EE	FI	FR	DE	EL	HU	IE
	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	CH
	IS	LI	NO	TR	UK(NI)		

## Restriction or Requirement in UK:

In accordance with the relevant statutory requirements in UK, the 5150 to 5350MHz frequency range is restricted to indoor use only in the United Kingdom.



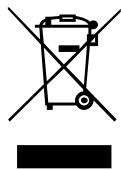
## Frequency Bands and Power

(a) Frequency bands in which the radio equipment operates:

Some bands may not be available in all countries or all areas. Please contact the local carrier for more details.

(b) Maximum radio-frequency power transmitted in the frequency bands in which the radio equipment operates: The maximum power for all bands is less than the highest limit value specified in the related Harmonized Standard. Please see the "Quick Start Guide" to find the frequency bands and transmitting power.

## Correct Disposal of this Product



This symbol (with or without a solid bar) on the device, batteries (included), and / or the packaging, indicates that the device and its electrical accessories (for example, a headset, adapter or cable)

and batteries should not be disposed of as household garbage. To safely recycle your device, please use return and collection system or contact the retailer where the device was originally purchased.

## RoHS Compliance

This product complies with directive 2011/65/EU, RoHS regulations 2012(S.I. 2012/3032) and its amendments, on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

## Importer information

EU Importer

Eastern Sun Trading B.V.



Stadionstraat 11 C10, 4815NC Breda, the Netherlands

Reflection Investment B.V.

Keizersgracht 482,1017EG, Amsterdam, the Netherlands

UK Importer

UNUMPLUS LIMITED

Black Bull Yard, 18a Hatton Wall, London, EC1N 8JH United Kingdom

## **ERP Compliance**

OnePlus Technology (Shenzhen) Co., Ltd. Hereby declares that its products conform to the Energy-related Products Directive (ERP) 2009/125/EC. For more information, please visit:

<https://www.oneplus.com/support/manuals>

Model	VCK8HAEH, VCK8HAYH		
Manufacturer	SHENZHEN HUNTKEY ELECTRIC CO., LTD		
Manufacturer address	HUNTKEY INDUSTRIAL PARK BANXUE RD BANTIAN SHENZHEN, GUANGDONG, 518129 China		
Input voltage	Input1:100-120Vac, Input2:200-240Vac,		
Input AC frequency	50/60 Hz		
Output voltage	5.0 V DC	20.0 V DC	20.0 V DC
Output current	3.0 A	2.25A	8.0 A max
Output power	15.0 W	45.0W	160.0 W max
Average active efficiency	83.21%	87.99%	89.62%
Efficiency at low load (10%)	76.29%	79.94%	86.99%
No-load power consumption	0.111	0.111	0.111

## FCC Regulatory Conformance

## **FCC Statement**

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference; and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful to part interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## **FCC Caution**

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- The antenna(s) used for this transmitter must not be collocated or operate in conjunction with any other antenna or transmitter.
- The country code selection is for non-US model only and is not available for all US models. Per FCC regulation, all Wi-Fi products marketed in US must be fixed to US operation channels only.

## **RF Exposure Information (SAR)**

- This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.
- The SAR limit set by the FCC is 1.6W/kg. The highest SAR value of this device type complies with this limit. And please see the "Highest SAR Value" card to find the highest SAR value reported to FCC.
- Tests for SAR are conducted using standard operating positions accepted by

the FCC with the device transmitting at its highest certified power level in all tested frequency bands.

- Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

- While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement.

- This device has also been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and positions the handset a minimum of 15mm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. Position the handset a minimum of 15mm from your body when the device is switched on.


- Choose the belt clips, holsters, or other similar body-worn accessories which do not contain metallic components to support the minimum distance of body-worn operation. Cases with metal parts may change the RF performance of the device, including its compliance with RF exposure guidelines, in a manner that has not been tested or certified, and use such accessories should be avoided.

## **Hearing Aid Compatibility (HAC) regulations for Mobile**

## phones

- Your phone is compliant with the FCC Hearing Aid Compatibility requirements.
- The FCC has adopted HAC rules for digital wireless phones. These rules require certain phone to be tested and rated under the American National Standard Institute (ANSI) C63.19-2011 hearing aid compatibility standards.
- The ANSI standard for hearing aid compatibility contains two types of ratings.
- M-Ratings: Rating for less radio frequency interference to enable acoustic coupling with hearing aids.
- T-Ratings: Rating for inductive coupling with hearing aids in tele-coil mode.
- Not all phones have been rated, a phone is considered hearing aid compatible under FCC rules if it is rated M3 or M4 for acoustic coupling and T3 or T4 for inductive coupling. These ratings are given on a scale from one to four, where four is the most compatible. Your phone meets the M3/T3 level rating.
- However, hearing aid compatibility ratings don't guarantee that interference to your hearing aids won't happen. Results will vary, depending on the level of immunity of your hearing device and the degree of your hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.
- This phone has been tested and rated for use with hearing aids for some of

the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

- Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. For more information about FCC Hearing Aid Compatibility,  please go to <http://www.fcc.gov/cgb/dro>.

## Industry Canada Conformance

### IC Statement

This device complies with Industry Canada's licence exempt RSSs.

Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux

conditions suivantes

(1) l'appareil ne doit pas produire de brouillage, et.

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This device complies with the Canadian ICES-003 Class B specifications.

CAN ICES-3(B)/ NMB-3(B).

Cet appareil numérique de la Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment.

Cet équipement est conforme aux limites d'exposition aux radiations IC RSS-102 établies pour un environnement non contrôlé.

## **Restrictions in 5GHz band**

The device could automatically discontinue transmission in case of absence of information to transmit, or operational failure. Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology. The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

- Les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de



brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

## **RF Exposure Information (SAR)**

The SAR limit set by the ISED is 1.6W/kg. The highest SAR value of this device type complies with this limit. And please see the “Highest SAR Value” card to find the highest SAR value reported to the IC.

This device has also been tested and meets the ISED RF exposure guidelines for use with an accessory that contains no metal and positions the handset a minimum of 15mm from the body. Use of other accessories may not ensure compliance with ISED RF exposure guidelines. Position the handset a minimum of 15mm from your body when the device is switched on.

Déclaration d' exposition aux radiations:

Le produit est conforme aux limites d' exposition pour les appareils portables RF pour les Etats Unis et le Canada établies pour un environnement non contrôlé. Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l' appareil peut être conservé aussi loin que possible du corps de l' utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible. Cet équipement est conforme aux limites d' exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 15mm de distance entre la source de rayonne.

# India Regulatory Conformance

## Recycling Initiative (INDIA)

At OnePlus/Mobitech we understand that our responsibility doesn't end at selling you our products. OnePlus/Mobitech has been working in the area of safe disposal of electronic waste. Since mobiles, tablets and other electronic items are made of hazardous constituents. Under the Guidelines of Ministry of Environment, Forest and Climate Change, Government of India, E-waste (Management) Rule, 2016 and Amendment E-waste Rule 2018.

OnePlus/Mobitech will seek shared responsibility and cooperation from customers in reducing the environmental impact of their products.

OnePlus/Mobitech will comply with all the applicable laws related to E-waste management.

Declaration of Conformity hereby, OnePlus/Mobitech India Private Limited ( "OnePlus/Mobitech" ) states that OnePlus/Mobitech is committed to comply with the extended producer responsibility vide authorization no. B-29016/(824)/EPR18/WM-III and amendment Division dated 18.07.2018 issued by Central Pollution Control Board.

For more information on safe disposal and recycling you may log on to



<https://www.oneplus.in/legal/e-waste-management> or write an email to [onepluscare@oneplus.com](mailto:onepluscare@oneplus.com) or contact our Toll Free No.

1800-102-8411

## **RF Exposure Information (SAR)**

- The SAR limit is 1.6W/kg.
- Position the handset a minimum of 15mm from your body when the device is switched on.

## **Languages & Input**

You can choose your language according to the following steps:

Settings > System > Languages & input > Languages > Choose your preference language.

Mobile phone supports all the below mentioned Indian Official Languages for readability test as per IS 16333(Part-3):2017

ASSAMESE, BANGLA, BODO, DOGRI, GUJARATI, HINDI, KANNADA,  
KASHMIRI, KONKANI, MAITHILI, MALAYALAM, MANIPURI (BENGALI),  
MANIPURI (MEETEI MAYEK), MARATHI, NEPALI, ODIA(ORIYA), PANJABI  
(PUNJABI), SANTHALI (OI CHIKI), SANTHALI (DEVANAGRI), SANSKRIT,  
SINDHI(DEVANAGARI), TAMIL, TELUGU, URDU, ENGLISH

This mobile supports inputting for below mentioned Indian Official Language as per IS 16333(Part-3):2017

HINDI, MARATHI, ENGLISH

## **Care and Maintenance**

The following suggestions will help you maintain and prolong the life of your

device.

- Only qualified and authorized personnel should make repairs to this product.
- Disabling features such as Bluetooth and Wi-Fi when not in use and dimming the screen can help you save energy and extend battery life.
- Clean your phone and charger with a soft, clean, dry cloth. If the screen comes into contact with liquid or dust, please clean it immediately. Do not use alcohol or irritating chemicals to clean the device.
- Touching the screen with a sharp object may cause the screen to be scratched.
- Please do not touch the connection port of the phone, as static electricity may harm components in the device.
- Ideal operating temperatures are 0°C to 35°C, Ideal storage temperatures are -20°C to +45 °C.
- Only operate your phone between 35% to 85% humidity.
- Do not place the phone on uneven or unstable surfaces.
- Do not hit, press, shake or drop the phone to avoid damage and injury.
- Chargers are not waterproof. Please do not use these devices in the bathroom, areas of high temperature, humidity or dust; please avoid rain.
- When the phone is transmitting data or saving information, do not remove the SIM card.
- Please keep the phone out of reach of children in order to prevent injuries or property damage.

## **OnePlus Device Warranty Information**

OnePlus devices purchased on [oneplus.com](https://oneplus.com) or authorized sales channels come with a limited warranty. The duration of this warranty is dependent on the original country or region of purchase and is only redeemable within the original country or region. Unless otherwise specified, this warranty covers the hardware components of the product as originally supplied and does not cover, or partially covers, software, consumable items, or accessories, even if packaged or sold together with the product. The limited warranty only covers functional defects of product caused by workmanship or build materials. For more details, please contact OnePlus Customer Support by visiting [oneplus.com/support](https://oneplus.com/support).

### **The limited warranty does not cover**

1. Defects or damage resulting from accidents, neglect, misuse, or abnormal use; abnormal conditions or improper storage; exposure to liquid, moisture, dampness, sand or dirt; unusual physical, electrical or electromechanical stress.
2. Scratches, dents and cosmetic damage, unless caused by OnePlus.
3. Defects or damage resulting from excessive force or use of metallic objects on the touch screen.
4. Devices that have the serial number or the IMEI number removed, defaced,

damaged, altered or made illegible.

5. Ordinary wear and tear.

6. Defects or damage resulting from the use of the product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by OnePlus.

7. Any physical feature defects or damage resulting from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by OnePlus.

8. Defects or damage resulting from external causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake, exposure to weather conditions, theft, blown fuse, or improper use of any electrical source.

9. Defects or damage resulting from cellular signal reception or transmission, or viruses and 3rd party software problems introduced into the product.

10. Free warranty replacements and repairs are only valid in the country or region of purchase. Please contact OnePlus Customer Support for more details.

## **Return Policy (Limited to North America & Europe)**

This policy is only applicable to the products purchased from OnePlus official website [www.oneplus.com](http://www.oneplus.com) or OnePlus Exclusive Store (if any). For any product not purchased from OnePlus official website or OnePlus Exclusive Store, you may refer to the Return Policy of your original purchase channel.

OnePlus phones and accessories are made to the highest standards and

undergo rigorous testing. If you are not satisfied with your OnePlus product for any reason, you may request a return within 15 calendar days of delivery.

Once we approve your return request and receive the product, we will perform standard inspection. And if the product passes the inspection, we will give you a full refund. Any shipping and handling fees incurred in the return process are not covered by the refund.

Return requests made outside of the 15-day period will not be accepted. We may also choose not to accept returns within these circumstances:

1. Defects or damages caused by misuse, neglect, physical damage, tampering, incorrect adjustment, normal wear and tear or incorrect installation after purchase.
2. Price fluctuations being the sole reason for return.
3. Customized customer contracts. In accordance with the U.K. Consumer Rights Act 2015, any goods that are not (1) of satisfactory quality; (2) fit for their given purpose; or (3) as described, may be returned free of charge within 30 days of delivery. Please submit a ticket describing the problem with your device. In order to be eligible for a refund, you must contact us within 30 days and describe in details how the goods were defective, damaged, or materially different. We may choose not to accept returns for any of the above mentioned circumstances. In all cases, we will inspect the product and verify the fault. To qualify for a replacement or refund, device must be in "as new" condition and include all original contents of the package. We reserve the

right to refuse a refund or exchange if the product returned is deemed to have been damaged.

### **Service and Support**

Company information: OnePlus Technology (Shenzhen) Co., Ltd.

Address: 18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, ShenZhen, GuangDong, P.R.C.

**Please contact OnePlus Customer Support to request a return at [oneplus.com/support](https://oneplus.com/support).**

### **US**

OnePlus Customer Support

Support information and assistance go to:

[www.oneplus.com/support](https://www.oneplus.com/support)

Download manuals:

<https://www.oneplus.com/us/support/manuals>

### **CA**

OnePlus Customer Support

Support information and assistance go to:

[www.oneplus.com/ca\\_en/support](https://www.oneplus.com/ca_en/support)

Download manuals:



[https://www.oneplus.com/ca\\_en/support/manuals](https://www.oneplus.com/ca_en/support/manuals)

## **IN**

OnePlus Customer Support

Support information and assistance go to:

[www.oneplus.in/support](http://www.oneplus.in/support)

Download manuals:

<https://www.oneplus.in/support/manuals>

## **UK**

OnePlus Customer Support

Support information and assistance go to:

<https://www.oneplus.com/uk/support?from=head>

Download manuals:

<https://www.oneplus.com/uk/support/manuals?from=foot>

## **DE**

OnePlus Kundenbetreuung

Weitere Informationen finden Sie in unserem Support Center:

[www.oneplus.com/de/support](http://www.oneplus.com/de/support)

Bedienungsanleitungen im

Download:

<https://www.oneplus.com/de/support/manuals>

## **FR**

OnePlus Service Clients

Visitez le site d'assistance en ligne pour obtenir plus

d'informations:

[www.oneplus.com/fr/support](http://www.oneplus.com/fr/support)

Téléchargements et Manuels:

<https://www.oneplus.com/fr/support/manuals>

## **ES**

OnePlus Atención al Cliente

Para información, soporte y asistencia vaya a:

[www.oneplus.com/es/support](http://www.oneplus.com/es/support)

Descarga el manual en:

<https://www.oneplus.com/es/support/manuals>

## **IT**

OnePlus Assistenza Clienti

Per informazioni di supporto e assistenza vai su:

[www.oneplus.com/it/support](http://www.oneplus.com/it/support)

Scarica manuali:

<https://www.oneplus.com/it/support/manuals>

## **NL**

OnePlus Klantenservice

Voor ondersteuning bij producten ga je naar: [www.oneplus.com/nl/-](http://www.oneplus.com/nl/-support)

[support](http://www.oneplus.com/nl/-support)

Download handleidingen: [www.oneplus.com/nl/manual](http://www.oneplus.com/nl/manual)

## **FI**

OnePlus asiakaspalvelu

Tuotetuki ja asiakaspalvelu:

[www.oneplus.com/fi/support](http://www.oneplus.com/fi/support)

Lataa käyttöohjeita:

[www.oneplus.com/fi/support/manuals](http://www.oneplus.com/fi/support/manuals)

## **PT**

Suporte ao Cliente OnePlus

Para informações, suporte e assistência, acesse:

[www.oneplus.com/pt/support](http://www.oneplus.com/pt/support)

Descarregar manual:

<https://www.oneplus.com/pt/support/manuals>

## **SE**

OnePXLus Kundsupport

För supportinformation och hjälp gå till:

[www.oneplus.com/se/support](http://www.oneplus.com/se/support)

Ladda ned manualer:

<https://www.oneplus.com/se/support/manuals>

## **DK**

OnePlus kundesupport

For support, information og hjælp, venligst gå til:

[www.oneplus.com/dk/support](http://www.oneplus.com/dk/support)

Download brugsmanual:

<https://www.oneplus.com/dk/support/manuals>

## **EE**

OnePlus klienditugi

Tugiteave ja abi:

[www.oneplus.com/ee/support](http://www.oneplus.com/ee/support)

Lae alla käsiraamat:

[www.oneplus.com/ee/support/manuals](http://www.oneplus.com/ee/support/manuals)

## **LT**

Pagalba klientams

Eiti į palaikymo informaciją bei pagalbą:

[www.oneplus.com/lt/support](http://www.oneplus.com/lt/support)

Parsisiųsti varototojo vadovą:

[www.oneplus.com/lt/support/manuals](http://www.oneplus.com/lt/support/manuals)

## **RO**

Asisten\_ă clien\_ă OnePlus

Informa\_ăii de suport \_ă asisten\_ă:

<https://www.oneplus.com/ro/support>

Descarca\_ă manuale:

<https://www.oneplus.com/ro/support/manuals>