



Nubia P9 Pro 5G

OPTUS X-Pro 2 5G

About This Manual

Thank you for choosing this ZTE mobile device. In order to keep your device in its best condition, please read this manual and keep it for future reference.

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Instructional Icons



NOTE

Additional information, supplementary instruction or tips for the operation of the product.



CAUTION

Safety information that, if ignored, may cause minor damage to the equipment or service interruption.



WARNING

Safety information that, if ignored, may cause serious damage to the equipment or danger to personal safety.

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Contents

Exciting New Features	10
Face Recognition	10
Fingerprint Identification	10
Camera Features	10
High Screen Refresh Rate.....	11
Phone Switch.....	11
Nearby share	11
Extended RAM.....	12
Dual SIM cards	12
Getting Started.....	13
Getting to Know Your Phone	13
Knowing the Keys	15
Setting Up Your Phone	15
Charging the Phone	17
Powering On/Off	19
Setting Up for the First Time.....	19
Locking/Unlocking the Screen and Keys.....	19
Getting to Know the Home Screen	21
Personalizing	22
Selecting the Home Screen Mode	22
Setting the Navigation Style	23
Changing the System Language	25
Switching to Vibrate or Silent Mode	25

Using Do Not Disturb Mode	26
Choosing Your Wallpaper.....	28
Changing the Theme	28
Setting Screen Refresh Rate	28
Using Dark Mode.....	29
Using Read Mode.....	29
Using Night Light	30
Enabling Full-Screen Display	30
Using the Phone Storage as the Extended RAM	31
Knowing the Basics.....	32
Phone Status Icons.....	32
Notification Icons	33
Using Quick Settings	33
Using App Shortcuts	34
Notification Dots	35
Switching Apps	36
Hiding Apps	36
Organizing Apps	37
Security.....	38
Protecting Your Phone with Screen Locks	38
Using Face Recognition.....	39
Connecting to Networks.....	42
Connecting to Mobile Networks.....	42
Connecting to Wi-Fi	43

Connecting to Devices	44
Connecting to Bluetooth Devices.....	44
Connecting to Your Computer via USB	45
Sharing Files With Nearby Devices	46
Using USB On-The-Go (OTG).....	48
Sharing Your Mobile Data Connection through Tethering.....	49
Phone Calls	50
Placing Calls	50
Answering or Rejecting Calls.....	52
Using Options During a Call	52
Managing Multi-party Calls	53
Contacts	56
Adding a New Contact.....	56
Importing and Exporting Contacts.....	56
Setting a Ringtone for a Contact.....	57
Setting Call Blocking	57
Messages	58
Sending a Message	58
Message Options	59
Camera	61
Capturing a Photo	61
Recording a Video.....	63

Using AI Scene Recognition.....	64
Using Portrait Mode	64
Using Pro Mode.....	65
Using Other Camera Modes	66
Photos.....	68
Opening Photos.....	68
Sharing Your Photos or Videos	68
Deleting Unwanted Photos or Videos	68
Restoring a Photo or Video	69
FM Radio.....	70
Scanning for Channels.....	70
Listening to FM Radio.....	70
Voice Recorder.....	71
Recording a Voice Memo	71
Playing a Voice Memo	71
Trimming a Voice Memo	72
Settings.....	73
Wi-Fi.....	73
Bluetooth	73
Mobile Network.....	73
Connected Devices.....	74
Personalization Settings	75
Home Screen Settings.....	76
Display	76

Notification & Status Bar	76
Sound and Vibration.....	76
Features	77
Security and Privacy	78
Apps	79
Battery	80
Storage.....	80
Location	81
Security and Privacy	81
Safety & Emergency	82
Passwords & Accounts.....	83
Digital Wellbeing & Parental Controls	83
Google.....	84
System.....	84
About Phone	85
For Your Safety	87
General Safety.....	87
RF Exposure Information (SAR)	89
Distractions	91
Product Handling	91
Electrical Safety	96
Radio Frequency Interference	97
Explosive Environments	99
Disposal of Your Old Appliance.....	100

Exciting New Features

Face Recognition

Your phone can automatically turn on the screen and recognize your face to unlock the screen each time you raise your phone.

Fingerprint Identification

With the fingerprint sensor on the **Power** key of your phone, you can register up to 5 fingerprints and use them to unlock the phone, or open a bound app when the screen is off or locked.

Camera Features

- **Macro camera:** Shoot close-ups of the subjects, such as flowers, insects, and small items.
- **AI scene recognition:** AI scene recognition can automatically adjust the color and lighting settings to match the scene or subject. For example, if you are taking a picture of flowers, it will choose the best color for flowers and the picture will be more vivid.
- **Refocus mode:** Take a photo with the subject in focus and the background blurred. After the picture is taken, you can touch anywhere on the picture to refocus or adjust the blurriness with the Photos app.

- **Portrait mode:** Add a portrait effect or focus on the face in the viewfinder screen with a depth effect and blur backgrounds.
- **Pro mode:** Adjust more camera options for your photo such as ISO, white balance, exposure, etc.
- **QR code:** Read the QR code in the viewfinder screen or open a picture and scan the QR code in it.

High Screen Refresh Rate

You can set the screen refresh rate to 60, 90 or 120 Hz. A higher screen refresh rate will help deliver a smoother visual experience, which may consume more battery power.

Phone Switch

You can use Phone Switch to easily transfer data such as contacts, messages, pictures, audio, videos, etc. from your old Android phone to the new one. You need to install Phone Switch on both phones first.

Nearby share

You can use Bluetooth or Wi-Fi to share files with other devices near your phone. You can share things like photos, videos, documents, and links.

Extended RAM

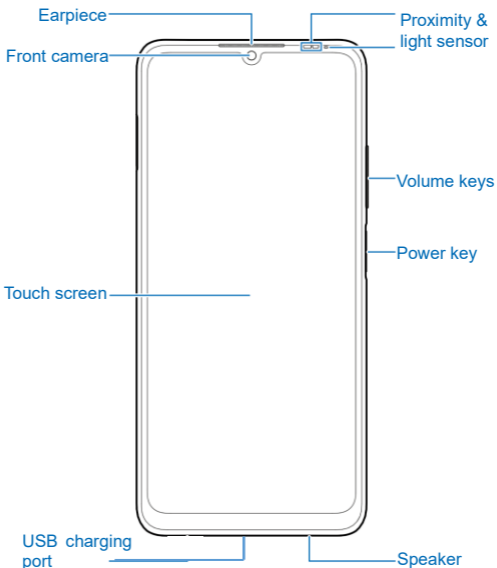
The phone's Random Access Memory (RAM) is used to handle all active tasks and apps. You can set part of the phone storage as the extended RAM when your phone storage is sufficient, and the phone will run more smoothly. See Settings > About Phone > RAM capacity.

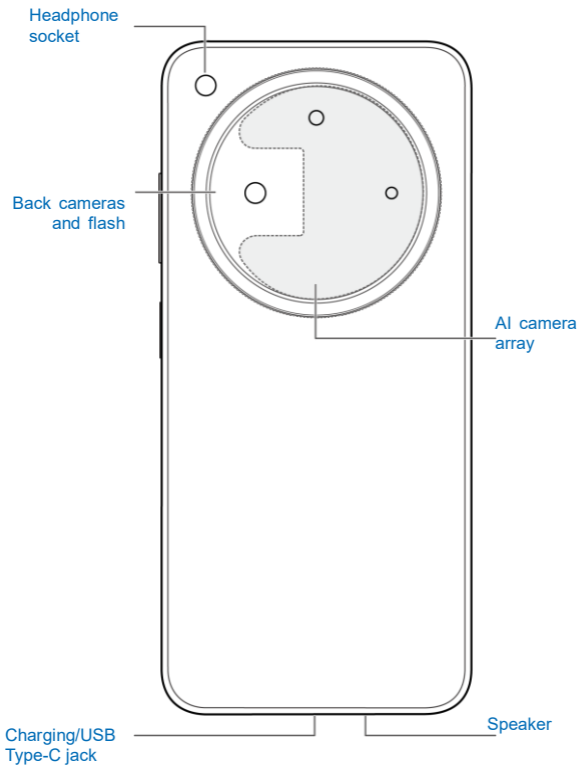
Dual SIM cards

Your phone supports 2 SIM cards. If you want to use 2 SIM cards in the phone see the diagrams on the following pages to insert both SIM cards into the SIM tray. Configure your SIM card settings at Settings > Mobile Network > SIM cards

Getting Started

Getting to Know Your Phone





Knowing the Keys

Key	Function
Power key/ Fingerprint sensor	<ul style="list-style-type: none">• Press and hold to power off or restart.• Press to turn off or on the screen display.• Touch to unlock the phone if a fingerprint is registered. See Using Your Fingerprint.
Volume key	Press or hold either end of the key to turn the volume up or down.



NOTES:

- You can also press and hold the **Power** key to wake up the Google Assistant. See “Wake up Google assistant” in [Features](#).
- You can use virtual keys or gestures to navigate your phone. See [Setting the Navigation Style](#).

Setting Up Your Phone

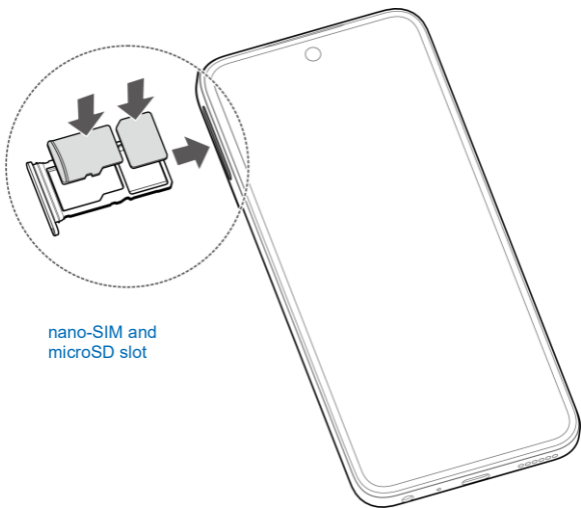
The nano-SIM card can be installed or removed while the phone is turned on.



WARNING!

To avoid damage to the phone, do not use any other kind of SIM cards, or any non-standard nano-SIM card cut from a SIM card. You can get a standard nano-SIM card from your service provider.

1. Insert the tip of the tray eject tool into the hole on the side of the phone.



nano-SIM and
microSD slot

 **NOTE:**

Please use the tray eject tool included in the box. Otherwise the card tray may not be ejected.

 **CAUTION:**

Never replace the included tray eject tool with sharp objects. Ensure that the tray eject tool is perpendicular to the hole. Otherwise, the phone may be damaged.

2. Pull out the card tray and place the nano-SIM card in the tray. Carefully slide the tray back into place.

Charging the Phone

Your phone's battery should have enough power for the phone to turn on, find a signal, and make a few calls. You should fully charge the battery as soon as possible.




WARNING!

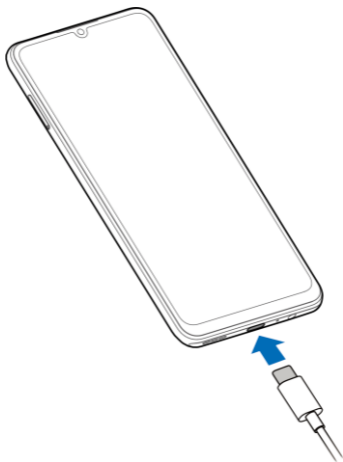
Use only ZTE-approved chargers and USB Type-C cables. The use of unapproved accessories could damage your phone or cause the battery to explode.



WARNING!

Do not remove the back cover. The battery is not removable. Removal may cause fire or explosion.



1. Connect the adapter to the charging jack. Do not force the connector into the jack.
2. Connect the charger to a standard AC power outlet. If the phone is on, you'll see a charging icon such as  appear on the status bar.
3. Disconnect the charger when the battery is fully charged.



 **NOTE:**

If the battery is extremely low, you may be unable to power on the phone even when it is being charged. In this case, try again after charging the phone for at least 20 minutes. Contact the customer service if you still cannot power on the phone after prolonged charging.

Powering On/Off

- Press and hold the **Power** key to turn on your phone.
- To power off, press and hold the **Power** key until the options menu appears and then touch  > .

NOTE:

If the screen freezes or takes too long to respond, try pressing and holding the **Power** key for over 10 seconds to restart the phone.

Setting Up for the First Time

When you first power on your phone after you purchase it or reset it to factory settings, you need to do some settings before using it.

Select the language and follow the on-screen prompts to set up your phone.

Locking/Unlocking the Screen and Keys

Your phone allows you to quickly lock the screen and keys (put the phone to sleep mode) when not in use and to turn the screen back on and unlock it when you need it.

To lock the screen and keys:

To quickly turn the screen off and lock the keys, press the **Power** key.

 **NOTE:**

To save battery power, the phone automatically turns off the screen after some time of inactivity. You will still be able to receive messages and calls while the phone screen is off.

To unlock the screen and keys:

1. Press the **Power** key to turn the screen on.

2. Swipe up on the screen.



- or -

Touch a notification twice consecutively to open the related app.

 **NOTE:**

If you have set a face verification, a fingerprint, an unlock pattern, a PIN or a password for your phone (see [Using Face Recognition](#), [Using Your Fingerprint](#) and [Protecting Your Phone With Screen Locks](#)), you'll need to use your face or fingerprint, draw the pattern, or enter the PIN/password to unlock your screen.

 **NOTE:**

You can swipe up on  to use the flash and voice recorder, or swipe up on  to open the camera.

Getting to Know the Home Screen

Your home screen is extendable, providing more space for apps, widgets, or folders. Simply swipe left or right on the home screen to see the extended panels. You can also add or remove home screen panels, or set the main home screen panel.

To add a new home screen panel:


Touch and hold an item such as an app or a folder on the home screen and drag it to the right edge of the screen to create a new home screen panel and put the item on it.



NOTE:

No empty home screen panel is allowed to exist. If the app or folder is the only item on the current home screen panel, the panel will be deleted as you remove the item.


To set the main home screen panel:

1. Touch and hold an empty area of the home screen. You can slide left or right to view the home screen panels.
2. Touch  at the top of a home screen panel to set it as the main home screen.

Personalizing

Selecting the Home Screen Mode

You can change the home screen mode by displaying all apps on the home screen or in the app list, or use a simple home screen layout.

1. Touch and hold an empty place on the home screen and touch  at the bottom right, and then select **Home screen settings**.
2. Touch **Home screen mode** and choose the home screen mode you like.
 - ▶ **Standard mode:** All your apps are put on the home screen. Swipe left or right on the home screen to find them.
 - ▶ **Drawer mode:** You can swipe up on the home screen to open the app list and find all your apps.
 - ▶ **Simple mode:** This mode adopts a simple home screen layout with larger icons and font size for easy navigation. You can swipe up on the home screen to open the app list and find all your apps.
3. Touch **APPLY**.



NOTE:

To organize apps quickly on the home screen, see [Organizing Apps](#). When the home screen mode is set to **Standard mode**, you can hide apps on the home screen. See [Hiding Apps](#).

Setting the Navigation Style



You can set the navigation style as virtual navigation or gesture navigation.

Use Virtual Navigation






To enable virtual navigation:

1. Open **Settings** and touch **Features > System navigation**.
2. Select **Virtual navigation**.

 **NOTE:**

Touch  beside **Virtual navigation** to change the navigation key layout, or turn on or off the concealable navigation bar. To hide the navigation bar, switch off **Always show navigation bar** and touch  on the navigation bar. To display the navigation bar again, swipe up from the bottom of the screen.

To use virtual navigation:

- Touch  (the **Home** key) to return to the home screen from any application or screen.
- Touch and hold  to use the Google Assistant.
- Touch  (the **Back** key) to go to the previous screen.
- Touch  (the **Recent apps** key) to see recently used apps.
- Touch  twice to switch to the most recent application.


Use Gesture Navigation

To enable gesture navigation:

1. Open **Settings** and touch **Features > System navigation**.
2. Select **Gestures**.



NOTE:

Touch  beside **Gestures** to set whether you can open the Google Assistant when using gesture navigation, enable the avoid mis-operation option, display or hide the bottom indicator, and adjust the back sensitivity of screen edges for gesture navigation.

To use gesture navigation:

- Swipe up from the bottom of your screen to return to the home screen from any application or screen.
- Swipe up from the bottom of your screen to the middle and hold to see recently used apps.
- Swipe left or right along the bottom of your screen to switch among recently used apps.
- Swipe inside from the left or right edge of your screen to go to the previous screen.
- Swipe up from the bottom left or bottom right of your screen to activate the Google Assistant.

Changing the System Language

1. Open **Settings** and touch **System > Languages & input > Languages**. The first language in the list is the default system language.
2. Touch **Add a language** and then the language you need. Select the regional variant of the language if prompted.
3. Touch and hold a language and move it to the top to switch to that language.

NOTE:

To remove languages from the list, touch **⋮ > Remove** and select the languages you want to delete.

Switching to Vibrate or Silent Mode

You can set the phone to vibration or silent mode by using one of the following methods.

- Press the **Volume** key up or down and then touch the icon below the slider to switch the phone to vibration or silent mode or turn on the sound.
- Press the **Volume up** key and the **Power** key at the same time to switch to silent mode or vibration mode.

NOTE:

You can select to switch to silent or vibration mode by opening **Settings > Sound > Switch to silent/vibrate** and choosing **Mute** or **Vibrate**.

- Swipe down from the status bar to open the notification panel and drag the panel downwards. Touch **Ring**, **Vibrate**, or **Silent** to switch the phone to vibration or silent mode or turn on the sound.
- Open **Settings** and touch **Sound**, and then select **Vibrate** or **Silent** to switch to vibration or silent mode.

Using Do Not Disturb Mode

You can limit interruptions with Do Not Disturb mode. This mode can mute sound, stop vibration, and block visual disturbances. You can pick what to block and what to allow.

Turn On or Off Do Not Disturb Mode

1. Open **Settings** and touch **Sound > Do Not Disturb**.
2. Switch **Turn on now** on or off.


Set the Exceptions for Do Not Disturb Mode

1. Open **Settings** and touch **Sound > Do Not Disturb**.
2. Select the following options and choose what to allow.
 - ▶ **People:** Allow calls, messages, or conversations.
 - ▶ **Apps:** Choose which apps can send you notifications.
 - ▶ **Alarms & other interruptions:** Allow alarms, media sounds, touch sounds, reminders, or calendar events.

Set an Automatic Schedule

You can set automatic schedules to activate Do Not Disturb mode for specific times or events.

1. Open **Settings** and touch **Sound > Do Not Disturb > Schedules**.

2. Touch an existing schedule to turn it on or off, or touch  next to the schedule to customize it.

- or -

Touch **Add more** to create your own schedules.

Set How Long Do Not Disturb Mode Lasts

1. Open **Settings** and touch **Sound > Do Not Disturb > Duration for Quick Settings**.

2. Set how long Do Not Disturb mode will stay on when you turn it on.

Choose Settings for Hidden Notifications

1. Open **Settings** and touch **Sound > Do Not Disturb > Display options for hidden notifications**.

2. Set notification behavior in Do Not Disturb mode. You can block sound or visuals from notifications, or customize more restrictions.

Choosing Your Wallpaper

You can set the wallpaper for the home screen or lock screen.

1. Touch and hold an empty place on the home screen and then touch **Wallpaper**.
2. Select a preset wallpaper, or touch **GALLERY** to select a picture and pan and zoom on it to select the area for the wallpaper.
3. Touch **SET AS** and choose where the wallpaper should be used.



NOTE:

Alternatively, you can open **Settings** and touch **Personalization settings > Wallpaper** to set the wallpaper.

Changing the Theme

1. Open **Settings** and touch **Personalization settings**.
2. Touch **Themes** at the top.
3. Select the theme you like and touch **APPLY**.

Setting Screen Refresh Rate

A higher screen refresh rate will help deliver a smoother visual experience, which may consume more battery power. Some apps may have compatibility issues with high refresh rate, so these apps will always run at the refresh rate of 60 Hz.

1. Open **Settings** and touch **Display > Screen refresh rate**.

2. Select **Auto**, **60Hz**, or **90Hz** as you need.

Using Dark Mode

When Dark mode is enabled, your phone will turn the screen to dark with white text on a black background, relieving eye irritation caused by screen glare at night.

1. Open **Settings** and touch **Display > Dark mode**.
2. Switch on **Turn on now** to enable Dark mode.
- or -

If you want to set a schedule when Dark mode will be turned on automatically, touch **Turn on automatically** to enable automatic Dark mode and select an option.

NOTE:

Not all apps support Dark mode.

Using Read Mode

When Read mode is enabled, your phone will automatically adjust screen color, which makes it easier to look at your screen or read on the phone. You can add apps to this mode.

To enable Read mode for the entire phone:

1. Open **Settings** and touch **Display > Read mode**.
2. Switch on **For entire device**.

To enable Read mode for certain apps:

1. Open **Settings** and touch **Display > Read mode**.

2. Switch on **Custom apps** and ensure that **For entire device** is turned off.
3. Touch **Add apps to this mode**.
4. Select the apps you want to use in Read mode and touch **ADD**.

Using Night Light

You can enable Night Light to tint the screen amber and reduce the intensity of bright colors for eye protection, or set a schedule when Night Light will be turned on.

1. Open **Settings** and touch **Display > Night Light**.
2. Switch on **Turn on now** to enable Night Light.

- or -

If you want to set a schedule when Night Light will be turned on automatically, touch **Turn on automatically** to enable automatic Night Light and select an option.

3. Drag the sliders below **Intensity of filter** to adjust the eye protection effect when Night Light is on.

Enabling Full-Screen Display

If an app cannot automatically adapt to display in full screen, you can switch on the full-screen display option to make it fit the screen.

Enabling full-screen display may cause the apps to be stretched improperly and some UI elements of the apps may disappear

behind the screen notch.

To make an app adapt to display in full screen manually:

1. Open **Settings** and touch **Display > Full-screen display settings**.
2. Turn on the switch beside the app you need.

Using the Phone Storage as the Extended RAM

















The phone's Random Access Memory (RAM) is used to handle all active tasks and apps. You can set part of the phone storage as the extended RAM when your phone storage is sufficient, and the phone will run more smoothly.

1. Open **Settings** and touch **About phone > RAM capacity**.
2. Switch on **Extended RAM**.
3. Touch **RESTART NOW**. The changed settings will take effect after the phone is restarted.

Knowing the Basics








Phone Status Icons

The status bar at the top of the home screen provides phone and service status icons on the right side. Below are some of the icons you may see.

			No signal
4G	4G connected		Signal strength
	Vibration on		Mobile data in use
	Silent mode on		Airplane mode
	Do Not Disturb mode on		Connected to a Wi-Fi® network
	Battery low		Speaker on
	Battery full		Phone microphone off
	Battery charging		Location service active
	Wired headset connected		Alarm set

Notification Icons

The status bar at the top of the home screen provides notification icons on the left. Below are some of the icons you may see.

	New message(s) from the Messages app		New Wi-Fi network detected
	Missed call		USB connected
	Call in progress		Song playing
	Call on hold		

Using Quick Settings

The Quick Settings make it convenient to view or change the most common settings for your phone.


Swipe down from the status bar and drag the notification panel downwards to open the Quick Settings panel.

To turn on or off settings quickly:

1. Open the Quick Settings panel.
2. To turn on or off a setting, touch its tile. Touch and hold certain tiles to access more setting options. For example, touch and hold the Wi-Fi tile to open Wi-Fi settings.

To customize the Quick Settings panel:

You can add, remove or rearrange the tiles on the Quick Settings panel.

1. Open the Quick Settings panel.
2. Touch  at the top and do one of the following.
 - ▶ Touch and hold a tile and drag it to the position you want.
 - ▶ Touch and hold a tile and drag it to the section below to hide it.
 - ▶ In the **Hold and drag to add shortcuts** section, drag a tile up to show it in the Quick Settings panel.

Using App Shortcuts

The app shortcuts feature allows you to quickly access common app functions from the home screen and the app list screen.




NOTE:

Not all apps support the app shortcuts feature.

1. Touch and hold an app on the home screen.
2. From the displayed menu, touch the function you want to use in the app.



NOTE:

You can also touch and hold a function with the icon  next to it, and drag it to a home screen panel to create a shortcut of the function.

Notification Dots

Some apps will display a dot when they have notifications. Touch and hold an app with a dot on the home screen to preview its notifications.



To turn on/off notification dots for all apps:

1. Open **Settings** and touch **Notification & status bar > Home screen badge app icon**.
2. Touch the switch beside **Home screen badge app icon** to turn it on or off.

To turn on/off notification dots for specific apps:

1. Open **Settings** and touch **Notification & status bar > Home screen badge app icon**.
2. Turn on the switch beside **Home screen badge app icon**.
3. Open **Settings** and touch **Apps > See all [number] apps**.
4. Touch the app you want to customize.
5. Touch **Notifications** and touch the **Allow notification dot** switch.

NOTE:

You can choose to show or hide the notification number in the dot. Just open **Settings** and touch **Notification & status bar > Home screen badge app icon > Show badge as**, and then

select **Number** or **Dot**.

Switching Apps

1. Open the recent apps list. The apps you've used recently are displayed in a series of cards. Swipe left and right to see all the cards.

 **NOTE:**

To view how to see recently used apps in different navigation styles, see [Setting the Navigation Style](#).


2. Touch a card to open that app.

 **NOTE:**

You can swipe a card up to remove it from the screen, which will free up running memory on the phone.

Hiding Apps

When the home screen mode is set to **Standard mode** (see [Selecting the Home Screen Mode](#)), you can hide the apps on the home screen.

1. Spread on the home screen to access the Hidden apps screen.
2. Touch .
3. Select the apps you want to hide and touch **OK**.

 **NOTE:**

Spread on the home screen to find all hidden apps. You can

touch and hold an app on the Hidden apps screen and touch **Unhide** to show it on the home screen again.

Organizing Apps

You can move or align several apps quickly on the home screen.

To move several apps to another home screen panel quickly:

1. Touch and hold an empty place on the home screen.
2. Find and tick the apps you want to move, and then the home screen thumbnails are shown at the bottom.
3. Touch and hold any one of the apps and drag the apps to another home screen thumbnail. The apps will be moved to that home screen panel.

To align the apps on a home screen panel automatically:

1. Touch and hold an empty place on the home screen.
2. Swipe left or right to select the home screen panel you want to organize.
3. Touch **Align with top** or **Align with bottom** to align all the apps on the home screen panel.

Security

Protecting Your Phone with Screen Locks

You can protect your phone by creating a screen lock. When it is enabled, you need to swipe up on the screen, draw a pattern or enter a numeric PIN or password to unlock the phone's screen and keys.

1. Open **Settings** and touch **Security and privacy** > **Screen lock**.
2. Touch **None**, **Swipe**, **Pattern**, **PIN** or **Complex password**.
 - ▶ Touch **None** to disable the screen lock.
 - ▶ Touch **Swipe** to enable screen lock and allow unlocking with a “swipe” gesture. You can unlock the screen by touching the display and sliding up.
 - ▶ Touch **Pattern** to create a pattern that you must draw to unlock the screen.
 - ▶ Touch **PIN** or **Complex password** to set a numeric PIN or a password that you must enter to unlock the screen.

CAUTION:

Remember the pattern, PIN or password you set. Otherwise, you will have to contact the customer service to reflash the phone software to use your phone, and all data in your phone will be erased.

Using Face Recognition

You can use face recognition to unlock the screen. To improve security of your phone, a high-level security option of face recognition is enabled by default (which means that if the screen lock pattern, PIN or password you set is not used for 24 hours, you will need to enter the pattern, PIN or password for authentication). You can go to the security settings of face recognition, and change the security level to normal (which means that you will need to enter the screen lock pattern, PIN or password every 72 hours), and this may lower the phone security.



NOTES:

- The security strength of face recognition is lower than that of PIN, password, pattern or fingerprint.
- If you restart your phone, you need to enter the screen lock pattern, PIN or password you set to unlock the screen for the first time.

Create a Face

1. Open **Settings** and touch **Security and privacy > Face recognition**.
2. Enter the screen lock pattern, PIN or password you set. If you have not set a screen lock, choose one backup screen lock method to set the screen lock pattern, PIN or password.
3. Read the disclaimer for face recognition and touch **DONE**.
4. Tick or untick **Turn on Raise to wake to improve user experience of face unlock**. If this option is enabled, your phone will turn on the screen and recognize your face to

unlock the screen automatically each time you raise your phone and hold it to your face.

5. Touch **CREATE NOW** and follow the prompts to register your face.

Use Face Unlock to secure the handset

After creating your face, you can unlock the screen with face recognition.

1. Press the **Power** key to turn on the screen display if the screen is off.



NOTE:

You can also pick up your phone to turn on the screen. To enable this feature, open **Settings** and touch **Features > Gesture & motion** and switch on **Raise to wake**.

2. Put your face in front of the screen. If the face recognition fails, touch 😊 to try again.
3. Depending on your setting, you may need to swipe up on the screen to unlock the phone.

Set Face Unlock Options

You can set what face recognition can do on your phone.

1. Open **Settings** and touch **Security and privacy > Device unlock > Face unlock**.
2. Enter the screen lock pattern, PIN or password you set.
3. You can set the following options.
 - ▶ **Unlock device:** Select how the screen is unlocked with

your face.

- ▶ **Do not recognize face when eyes are closed:** If this option is enabled, you cannot use face recognition to unlock the phone when you close your eyes.
- ▶ **Screen brightness compensation:** If this option is enabled, the phone will increase screen brightness automatically in a dim light to help verify your face.
- ▶ **Delete facial data:** Delete your recorded face data.
- ▶ **Security settings:** Change the security level to high or normal. The high security level is set by default.

Connecting to Networks



Connecting to Mobile Networks

Control Mobile Data Use

1. Open **Settings** and touch **Mobile network > Mobile data**.
2. Touch the **Mobile data** switch to enable or disable mobile data use.

Set Access Point Names

To connect to the Internet, you can use the default Access Point Names (APN). And if you want to add a new APN, please contact the service provider to get the necessary information.

1. Open **Settings** and touch **Mobile network > Mobile data**.
2. Touch **Access Point Names** and then touch .
3. Touch each item to enter the information you get from your service provider.
4. Touch  > **Save** to complete.

 **NOTE:**

To set the APN to default settings, touch  > **Reset to default**.

Connecting to Wi-Fi


Wi-Fi is a wireless networking technology that can provide Internet access at distances of up to 100 meters, depending on the Wi-Fi router and your surroundings.

To turn Wi-Fi on and connect to a Wi-Fi network:

1. Open **Settings** and touch **Wi-Fi**.
2. Slide the **Use Wi-Fi** switch to the on position to turn on Wi-Fi.
3. Touch a Wi-Fi network name to connect to it.
4. If the network is secured, enter the password and touch **CONNECT**.



NOTES:

- If you have a QR code of the Wi-Fi network, touch  at the top right to scan the code and connect.
- Your phone supports 2.4 GHz and 5 GHz Wi-Fi.
- Your phone automatically connects to previously used Wi-Fi networks when they are in range.

Connecting to Devices

Connecting to Bluetooth Devices

Bluetooth is a short-range wireless communication technology. Phones or other devices with Bluetooth capabilities can exchange information wirelessly within a distance of a few meters. The Bluetooth devices must be paired before the communication is performed.

1. Open **Settings** and touch **Bluetooth**.
2. Switch on **Use Bluetooth**. Your phone automatically scans for and displays the IDs of all available Bluetooth devices in range.
3. Touch the device you want to pair with.
4. If necessary, confirm that the Bluetooth passkeys are the same between the two devices and touch **PAIR**.
Alternatively, enter a Bluetooth passkey and touch **PAIR**.
Pairing is successfully completed when the other device accepts the connection or the same passkey is entered.



NOTE:


The Bluetooth passkey may be fixed for certain devices, such as headsets and hands-free car kits. You can try entering 0000 or 1234 (the most common passkeys), or refer to the documents for that device.

Connecting to Your Computer via USB

You can connect your phone to a computer with a USB cable and transfer music, pictures, and other files in both directions. Your phone stores these files in the phone storage.

If you are using USB tethering, you must turn that off before you can use USB to transfer files between your phone and computer.

Connect Your Phone to a Computer via USB

1. Connect your phone to the computer with a USB cable.
2. Open the notification panel and touch **USB** () to open the **Use USB for** options menu.
3. Choose one of the following options.
 - ▶ **Charge only:** Charge your phone via USB.
 - ▶ **Install driver:** Install the driver needed for some USB connection modes (such as MTP). You only need to install the driver on the same PC once.



NOTE:

You can also install the driver on PC by running the executable file in the new CD-ROM drive.

- ▶ **Media device MTP / Android Auto:** Transfer files on Windows® PC or Mac®.
- ▶ **Camera PTP:** Transfer photos or files if MTP is not supported by your computer.

Disconnect Your Phone from the Computer

To disconnect the phone from the computer, simply unplug the USB cable when you're finished.

Sharing Files With Nearby Devices

With Nearby share, you can share photos, videos, and documents with nearby devices via Bluetooth or Wi-Fi.

Turn Sharing On or Off

1. On your phone, make sure Bluetooth, Wi-Fi and Location are turned on. See [Connecting to Bluetooth Devices](#), [Connecting to Wi-Fi](#) and [Location](#).
2. Open **Settings** and touch **Connected devices > Connection preferences > Nearby share**.
3. Touch the switch at the top to turn Nearby share on or off.

Share Content With Someone

1. Open the content, like a photo or webpage on your phone.
2. Find and touch the Share option and then select Nearby share.
3. Touch **Use Nearby share** to switch On.
4. Hold your phone and your friend's device which supports the Nearby share feature close to each other.



NOTE:

Make sure both devices are unlocked, and have Nearby

share, Wi-Fi, Bluetooth and location turned on.

5. If prompted, touch the Nearby share notification on your friend's device to make that device visible to nearby devices.
6. On your phone, your friend's device name will appear and touch the device name to send the content.
7. Accept the sharing on your friend's device.

Get Content From Someone

1. Ask your friend to follow the "[Share Content With Someone](#)" steps above.
2. Open **Settings** and touch **Connected devices > Connection preferences > Nearby share** and switch on **Show notification** if it is turned off on your phone.
3. You'll get a notification that someone is sharing content with you. Touch the notification if you haven't set your phone visible to nearby devices.



NOTE:

Make sure both devices are unlocked, and have Nearby share, Wi-Fi, Bluetooth and location turned on.

4. Touch **Accept** to get the content.

Choose Who Can Share Content with You

1. Open **Settings** and touch **Connected devices > Connection preferences > Nearby share**.
2. Touch **Device visibility** and choose one of the following options.

- ▶ **Devices:** Share to any of your connected devices
- ▶ **Contacts:** Your phone is visible to your nearby contacts while your phone screen is on and unlocked.
- ▶ **Everyone:** Your phone is visible to anyone who is nearby while your phone screen is on and unlocked.


Using USB On-The-Go (OTG)

Your phone supports USB On-The-Go. You can connect the phone and a USB peripheral device (such as a USB flash drive, a USB mouse, or a USB keyboard) with an OTG adapter.

For example, when you connect the phone with a USB flash drive, you can browse the files on the flash drive; connect the phone with a USB mouse and you can navigate the phone with the mouse.



NOTE:

To safely remove a connected USB storage device (such as a USB flash drive), open **Settings**, touch **Storage** and find the name of the device. Then touch  next to it.

Sharing Your Mobile Data Connection through Tethering

You can use tethering to share your phone's Internet connection with a computer that connects to your phone via USB cable or by Bluetooth.



NOTE:

You cannot transfer files between your phone and the computer when the phone is USB tethered.

1. Open **Settings** and touch **Mobile network > Hotspot & tethering**.
2. Switch on **USB tethering** or **Bluetooth tethering**.
 - ▶ For USB tethering, connect your phone to the computer with the supplied USB cable before touching **USB tethering**.
 - ▶ For Bluetooth tethering, pair your phone with the computer via Bluetooth and set the computer to obtain its network connection via Bluetooth.






NOTE:

To stop sharing your data connection, switch off **USB tethering** or **Bluetooth tethering**.

Phone Calls

Placing Calls


Place a Call by Dialing

1. From the home screen, touch .
2. Touch  to open the dialer and enter the phone number or the contact name with the dialpad. Touch  to delete incorrect digits.



NOTE:

As you enter the phone number or the contact name, your phone searches for matching information in your contacts. If you see the number and contact you want to call, touch it to place the call immediately.

3. Touch  **Uttar** below the keypad to dial a voice call, or close the dialer if necessary and then touch **Video call** to dial a video call.



NOTE:

To make an international call, touch and hold the **0** key to enter the plus (+) symbol. Next, enter the country code, followed by the city/area code and then the phone number.





NOTE:

Video call support depends on your mobile service provider.


Place a Call from the Call History

The call history is a list of all the calls you've placed, received, or missed. It provides a convenient way to redial a number, return a call, or add a number to your contacts.



1. From the home screen, touch  >  (in the top search field) > **Call history**.

 **NOTE:**





Touch **Missed** to find all missed calls.

2. Touch  beside a listing to call back.

 **NOTE:**


You can also touch the contact icon in front of the listing and then touch  or  to place the voice/video call.

Call Your Contacts

1. From the home screen, touch  > the  tab to view all your contacts.
2. Touch a contact and then touch  or  to place the voice/video call.

Answering or Rejecting Calls

Answer a Call

When you receive a phone call, slide  up to answer the call.


- or -

If the screen is unlocked, touch **ANSWER**.

NOTE:

To silence the ringer before answering the call, press either end of the **Volume** key.

Reject a Call









When you receive a phone call, slide  down to reject the call. You can also touch **Reply** to reject the call and select a preset text message or edit one to send to the caller.

- or -

If the screen is unlocked, touch **DECLINE** to reject the call. You can also touch the caller number or name, and then touch **Reply** to reject the call and select a preset text message or edit one to send to the caller.

Using Options During a Call

During a call, you will see a number of on-screen options. Touch an option to select it.

- Touch  to turn on or off the speaker.
- Touch  to mute or unmute your microphone.
- Touch  to switch to the keypad when you need to enter a code (for example, the PIN for your voicemail or bank account) during the call.
- Touch  to put the call on hold.
- Touch  to make another call separately from the first call, which is put on hold.
- Touch  to merge the separate calls into a single conference call.
- Touch  to put the caller you are speaking to on hold, and switch to the other call that has been put on hold.
- Touch  to end the current call.

 **WARNING!**

Because of higher volume levels, do not place the phone near your ear during speakerphone use.

Managing Multi-party Calls

When the call waiting and conference call features are available, you can switch between two calls or set up a conference call.



 **NOTE:**

The call waiting and conference call features need network support and may result in additional charges. Please contact your service provider for more information.


Switch Between Current Calls

When you're on a call and another call comes in, your phone screen informs you and displays the caller ID.

To respond to an incoming call while you're on a call:

- Slide  up to answer the call. This puts the first caller on hold and answers the second call.
- Touch **Answer & end other call** to answer the call. This ends the first call and answers the second call.
- Slide  down to reject the second call.
- Touch **Reply** to reject the second call and select a preset text message or edit one to send to the caller.


To switch between two calls:




Touch .

Set Up a Conference Call

With this feature, you can talk to multiple people at the same time.

1. Place the first call.
2. Once you have established the connection, answer an

incoming call or touch  and dial the second number. This puts the first caller on hold.

3. When you're connected to the second party, touch .
4. If you need to add more parties, have them call you or touch  to dial the number, and touch  to merge the calls one by one.



NOTE:

The number of calls you can merge depends on your network. Contact your mobile service provider for more information.

If one of the people you called hangs up during the call, you and the remaining callers stay connected. If you initiated the call and are the first to hang up, all callers are disconnected.


To end the conference call, touch .

Contacts

You can add contacts on your phone and synchronize them with the contacts in your Google account.

To see your contacts, touch **Google** (folder) > **Contacts** from the home screen.

Adding a New Contact

1. Open **Contacts**.
2. Touch  to add a new contact.
3. Enter the contact name, phone numbers, email addresses, and other information. Touch **More fields** if necessary.
4. Touch **Save**.

Importing and Exporting Contacts

You can import contacts from your nano-SIM card, the phone storage, your Google account or an external USB storage device.


Import Contacts From the nano-SIM Card

1. Open **Contacts**.
2. Touch  > **Import from SIM**.

3. Tick the contacts you need and then touch **Import**.


Setting a Ringtone for a Contact

Assign a special ringtone to a contact, so you know who is calling when you hear the ringtone.


1. Open **Contacts**.
2. Touch a contact you want to set a ringtone for and then touch  > **Set ringtone**.
3. Select a ringtone, music file, or recording you like and touch **OK**.

Setting Call Blocking

The call blocking feature allows you to block calls and messages from certain numbers.

1. Open **Contacts**.
2. Touch  > **Blocked numbers**.
3. Touch **Add a number**.
4. Enter a phone number and touch **Block**.







NOTES:

- You can also block calls from unidentified callers by switching on **Unknown** in the Blocked numbers screen.
- To unblock a number, touch  next to the number and touch **Unblock**.

Messages

You can use Messages to exchange text messages (SMS), multimedia messages (MMS), and chat messages.

Sending a Message

1. From the home screen, touch .
2. Touch **Start chat**.
3. Add recipients by one of the following ways.
 - ▶ Manually enter the recipient's number or contact name.
(You can touch  to enter numbers with a dialpad.) If the phone presents a few suggestions, touch the one you want to add.
 - ▶ Select a recipient from your contact list.
 - ▶ To add more recipients for a group conversation, touch  to choose the recipients and then touch **Next**. You can edit the group name if necessary.
4. If you want to send a multimedia message, touch  to select existing photos/videos or shoot new ones and add them to the message, touch  to share contacts or add location or files, or touch and hold  to add a voice recording.
5. Touch the text box and enter the message text.






6. Touch .






 **NOTES:**

- If you add two or more recipients, the message may be sent as a group MMS where everyone can reply and see each other's messages. For group message setting, touch your profile icon > **Messages Settings > Advanced > Group messaging**
- You can also include email addresses as recipients for a multimedia message.
- Do not add any attachment if you want to send a text message. Otherwise you may be charged for a multimedia message.

Message Options

On the Messages screen, touch and hold a thread and the following options are available.

- Touch  to pin the thread to the top of your message list, so you can find it quickly. You can pin up to 3 threads. Touch  to unpin the thread.
- Touch  to archive the thread. You can touch  > **Archived** from the Messages screen to find all archived messages.
- Touch  > **Delete** to delete the thread.

- Touch  > **Add contact** >  > **Create a new contact** to add the new number in the thread to your contacts.
- Touch  > **OK** or  > **Block** > **OK** to block the contact or number in the thread, and the thread will be moved to “Spam & blocked.” You can touch  > **Spam & blocked** from the Messages screen to find all blocked messages.



NOTE:

You can touch and hold a thread and touch more to select them, and then choose to archive or delete them.

Camera

Capturing a Photo

1. Open the **Camera** app.
2. Aim the camera at the subject and make any necessary adjustments. Capture (auto camera) mode is used by default.



Number	Function
1	Change the flash setting.
2	Use Google Lens.
3	Enable Motion Photo mode. You can shoot a dynamic photo, which can be exported as a video, a GIF or a still photo.
4	Swipe left or right to switch among the default Capture (auto camera) mode, Panorama mode, Refocus mode, Portrait mode, Video mode, and Pro mode. Touch More to use other special camera modes: Time lapse, QR code, Ultra res, Macro, and Night.
5	View pictures and videos you have taken.
6	Touch to capture a picture. Touch and hold to take a series of photos quickly.
7	Switch between the front and back cameras.
8	Zoom slider: Drag it up or down to zoom in or out.
9	Enable beauty mode and customize its options to beautify faces in the picture.
10	Change the camera settings.
11	Use the filter.



WARNING!

Keep a safe distance when using the flash. Do not point the


flash towards the eyes of people or animals.


 **NOTE:**

You can spread or pinch on the screen to zoom in or out before taking pictures.






3. Touch the area where you want the camera to focus, or leave the camera to autofocus on the centre of the image.

 **NOTE:**

In auto camera mode, you can touch and hold on the viewfinder screen to lock the focus and exposure, and then drag  up or down to adjust the exposure.


4. Lightly touch .

Recording a Video

1. Open the **Camera** app.
2. Touch **Video**.
3. Aim the camera at the subject and make any necessary adjustments. You can touch any area on the screen that you want the camcorder to focus on before and during recording.
4. Touch  to start recording. You can touch  or  to pause or resume recording, or touch  to save the frame as a photo.
5. Touch  to stop recording.





NOTES:

- You can touch and hold on the viewfinder screen to lock the focus and exposure, and then drag  up or down to adjust the exposure.
- You can spread or pinch on the screen or use the zoom slider to zoom in or out before and during recording.

Using AI Scene Recognition

AI scene recognition can automatically adjust the color and lighting settings to match the scene or subject. For example, if you are taking a picture of flowers, it will choose the best color for flowers and the picture will be more vivid.

1. Open the **Camera** app.
2. Touch  at the top to open the camera settings, and switch on **AI scene recognition**.
3. Aim the camera at the subject. A scene icon will appear depending on the subject detected.
4. Touch  to take the photo.






NOTE:

AI scene recognition is only available in auto camera mode.

Using Portrait Mode

You can use Portrait mode to add a portrait effect or focus on the


face in the viewfinder screen with a depth effect and blur backgrounds. You can also take selfies in Portrait mode.


1. Open the **Camera** app.
2. Touch **Portrait**.
3. Follow the on-screen prompts to aim the camera at the face and you can make the following adjustments.
 - ▶ Touch  to add a depth effect and blur backgrounds.
 - ▶ Touch  to enable beauty mode and customize its options to beautify faces in the picture.
4. Touch  to take the photo.

Using Pro Mode

You can use Pro mode to adjust more camera options for your photo such as ISO, white balance, exposure, etc.

1. Open the **Camera** app.
2. Touch **Pro**.
3. Aim the camera at the subject and you can make the following adjustments.
 - ▶ When you touch the viewfinder screen, a focus and exposure circle (half yellow half white) will appear. You can drag the yellow circle to any area on the screen that you want to focus on, or drag the white circle to any area on the screen where you want the camera to meter exposure so as to adjust the photo brightness.

- ▶ Touch the camera options at the bottom to adjust overall exposure, shutter speed, focus, ISO, white balance, contrast and saturation.
- ▶ Touch  at the top to set metering mode.

4. Touch  to take the photo.


Using Other Camera Modes

Your camera app offers other powerful and interesting camera modes. Touch **More** in the viewfinder screen to find them all.

- **Panorama:** Capture panoramic photos either horizontally or vertically.
- **Refocus:** Take a photo with the subject in focus and the background blurred. You can adjust the slider to change the shutter aperture.



NOTE:

For a picture taken in Refocus mode, you can open it in full screen in the Photos app, touch  > **Gallery Editor** > **Blur picture**, and then touch anywhere on the picture to refocus or adjust the blurriness.

- **Time lapse:** Record time lapse videos with the back camera. You can set the time interval between each frame in the camera settings.
- **Ultra res:** The picture resolution is set to 50M in this mode, so you can take high-quality pictures.

- **Night:** Capture pictures in low-light environment.



NOTE:


Some camera modes are not available for the front camera.

Photos


Opening Photos

From the home screen, touch **Photos**. You'll see all the photos and videos on your phone and, if you turned on “back up & sync,” anything else synced to your Google Photos library.


Sharing Your Photos or Videos

1. Open **Photos**.
2. Touch and hold a photo or video to select it.
3. Touch more items that you want to share.
4. Touch  and select how you want to share the items.

Deleting Unwanted Photos or Videos


1. Open **Photos**.
2. Touch and hold a photo or video to select it.
3. Touch more items that you want to move to trash.
4. Touch  > **Move to trash**.

Restoring a Photo or Video


1. Open **Photos**.
2. Touch  > **Trash**.
3. Touch and hold the photo or video you want to restore and touch **Restore** > **Restore**.

FM Radio






Scanning for Channels

1. Plug in a wired headset and open the **FM Radio** app.
2. Touch  > **Scan** > **OK**. Your phone scans for all available channels and saves them to the channel list.



NOTE:

When you open the **FM Radio** app for the first time, it will automatically scan for channels and show the channel list. You can also touch  > **All channels** to view the list.

Listening to FM Radio

1. Open **FM Radio** while the headset is connected.
2. Touch  > **All channels** and select a channel. You can also drag the red needle along the frequency panel or touch  or  to switch to other channels, or touch  or  to adjust the current channel frequency.







NOTES:

- Touch  to add the channel to favorites.
- Touch  to listen to the radio through the phone speaker.


Voice Recorder




Voice Recorder enables you to record and listen to voice memos.

Recording a Voice Memo



1. Open **Voice Recorder**.
2. Touch  to change the audio file format
3. Touch  to start recording. During recording, you can do the following:
 - ▶ Touch  or  to pause or continue the recording.
 - ▶ Touch  or  to add a time tag or photo tag to the recording.
 - ▶ Touch an added time tag to attach a picture or add text.
4. Touch **DONE** to stop recording.
5. Edit the file name and touch **SAVE** to save the recording. If you don't want to save the memo after recording it, touch **DELETE > DELETE** to delete it.

Playing a Voice Memo





1. Touch  at the top right of the screen to see all recordings.
2. Touch the title of a memo to play it. During the playing, you

can touch  to change the playback speed, touch **View tag** to view all tags, touch  or  to add a time tag or photo tag, or touch and hold a tag to delete it.

 **NOTE:**

Touch  or  to play the recording through the phone earpiece or speaker.

Trimming a Voice Memo

1. While playing a recording, touch  to open the editing screen.
2. Drag  or  to trim the recording. You can touch  to preview the trimmed recording.
3. Touch **TRIM**.
4. Edit the new file name and touch **SAVE**.

Settings

The **Settings** app contains most of the tools for customizing and configuring your phone.

Wi-Fi

Open **Settings** and touch **Wi-Fi**. You can turn Wi-Fi on or off and configure your Wi-Fi connections. See [Connecting to Wi-Fi](#).

Bluetooth

Open **Settings** and touch **Bluetooth**. You can turn Bluetooth on or off and configure your Bluetooth connections. See [Connecting to Bluetooth Devices](#).

Mobile Network

Airplane Mode

Open **Settings** and touch **Mobile network > Airplane mode** to turn airplane mode on or off. All the phone's radios that transmit voice or data are turned off when airplane mode is on.

Data Saver

Open **Settings** and touch **Mobile network > Data Saver > Use Data Saver** to enable or disable Data Saver, which prevents apps from using data connection in the background. Apps you're

currently using can access data, but may do so less frequently when Data Saver is enabled. You can touch **Unrestricted data** to allow some apps to always have data connection access, even when Data Saver is enabled.

Hotspot & Tethering

Open **Settings** and touch **Mobile network > Hotspot & tethering** to share your phone's mobile data connection with PCs or other devices via USB or Bluetooth. See [Sharing Your Mobile Data Connection Through Tethering](#).

Mobile Data

Open **Settings** and touch **Mobile network > Mobile data** to control mobile data and data roaming, check and manage mobile data use, and set access point names and other network options. See [Connecting to Mobile Networks](#).



NOTE:

The data usage is measured by your phone, and your carrier's data usage accounting may differ.

Connected Devices

Open **Settings** and touch **Connected devices** to use the following features.

- **Cast** – share your screen with nearby compatible devices.
- **USB** – Set USB connection mode
- **NFC** – allow contactless payments, tap to pay

- **VPN:** Set up and connect to virtual private networks.
- **Private DNS:** Turn Private DNS on or off, or change its settings. To get information from a website, your phone first asks where the website is. Private DNS is a way to help secure these questions and answers. We recommend keeping Private DNS turned on.
- **Connection preferences:**
 - ▶ **Printing:** Use the default printing service or other printer plug-ins installed from the Google Play Store or your printer manufacturer for wireless printing.
 - ▶ **Chromebook:** Connect with your Chromebook device.
 - ▶ **Nearby share:** Use Bluetooth or Wi-Fi to share files with other devices near your phone. You can share things like photos, videos, documents, and links. See [Sharing Files With Nearby Devices](#).
 - ▶ **Android Auto:** Connect to your car and use apps on your car screen.

Personalization Settings

Open **Settings** and touch **Theme and personalization** to set the theme, wallpapers, icon shape, animation speed, colors and shapes of the screen buttons, and font size and weight, or configure lock screen settings.

Home Screen Settings

Open **Settings** and touch **Home screen** to configure the home screen options, such as app icons, home screen mode, home screen layout, Google app, etc.

Display

Open **Settings** and touch **Display** to configure the display options, including brightness level, Dark mode, Read mode, Night Light, color temperature, screen refresh rate, full-screen display settings, screen timeout, text and display size, auto-rotate screen, etc.

Notification & Status Bar

Open **Settings** and touch **Notification & status bar** to manage app notifications, status bar options, and advanced notification options.

Sound and Vibration

Open **Settings** and touch **Sound and Vibration**. Adjust different types of volume, toggle sound mode (see [Switching to Vibration or Silent Mode](#)), set Do Not Disturb options (see [Using Do Not Disturb Mode](#)), set up ringtone and notification sound, and set other sounds and vibrations.

Features

Open **Settings** and touch **Features**. The following features are available.

- **System navigation:** Set the navigation style as virtual navigation or gesture navigation. See [Setting the Navigation Style](#).
- **Record screen:** record screen shots, video and audio from the phone
- **App duplicator:** Create an app clone on the desktop to sign in to a different account.
- **Screen-edge mistouch prevention:** Adjust the width of edge touch area to prevent accidental touches on the screen edges.
- **Mistouch prevention in pocket:** Prevent unintended operations caused by accidental touches on the screen when the phone is placed in your pocket.
- **Gesture & motion:** You can control the phone with special finger gestures or by moving the phone in different ways. Touch the switches to enable each function; touch each function to view how to use it or try it out.



NOTE:

The use of phone cover/case may stop certain functions from working.

- **Scheduled power on/off:** Set the day and time when the phone automatically powers on or off. You can also touch the

switches on the right to turn the features on or off.

- **Accessibility:** Configure accessibility options and services on your phone including downloaded apps options, display, interaction controls, audio, etc.
- **Wake up Google assistant:** When this feature is enabled, you can wake up the Google Assistant by pressing and holding the **Power** key for about half a second. To power off or restart the phone, you need to press and hold the **Power** key for more than 3 seconds.

Security and Privacy

Open **Settings** and touch **Security and privacy** to configure options that help keep your phone and data safe.

- **Screen lock:** Disable the screen lock or enable it with swipe, pattern, PIN, or password. See [Protecting Your Phone With Screen Locks](#).

Touch  beside **Screen lock** to set its options.

- **App security:** Google Play Protect regularly checks your apps and phone for harmful behaviour and warns you about any detected potential harm.
- **Account Security:** Check for security update of your system.
- **Device finders:** Use Find My Device to locate, lock, or wipe your lost device remotely. The lost device must be signed in to a Google account.

- **System and updates**
- **Privacy**



NOTE:

You need to sign in to your Google account on the phone to use all the **Smart Lock** features.

Apps

App Info

Open **Settings** and touch **Apps**. View recently opened apps at the top or touch **See all [number] apps** to see all apps installed on your phone and manage them. Touch an app to see its information and configure the available options.

Default Apps

Open **Settings** and touch **Apps > Default apps** to select the default app for web browsing, phone calling, messaging, etc. Touch **Opening links** to set Instant apps options, or touch an installed app to check its supported links and set whether to open the links in the app.

Screen Time

Open **Settings** and touch **Apps > Screen time** to find out how much time you spend on apps and set the total time per day that you can use an app. When you reach your limit, the app closes and its icon dims.

Unused Apps

Open **Settings** and touch **Apps > Unused apps** to find the apps that haven't been used for a few months and delete them to free up space.

App battery usage

Check each app to check for excessive use or battery drain.

Special App Access

Open **Settings** and touch **Apps > Special app access** to set special access options of apps.

Battery

Open **Settings** and touch **Battery** to view the battery level, enable different battery saving modes, check what has been using the battery, manage apps intelligently, or set more options to improve battery life.

Storage

Open **Settings** and touch **Storage** to view the memory information of the internal phone storage

When you connect a USB storage device (such as a USB flash) to your phone with an OTG adapter, you can view its storage status, unmount it, or erase all data on it. See [Using USB On-The-Go \(OTG\)](#).

Location

Open **Settings** and touch **Location** to manage location services, which help your phone and apps determine your location. To use location-related applications, such as finding your location on Google Maps, you must have location services enabled on your phone.

Security and Privacy

Open **Settings** and touch **Security and privacy** to configure the privacy settings.

- **App security:** Check which apps have been allowed to access certain permissions. You can also change the app permissions.
- **Device unlock:** Set a PIN, Pattern, Password or Face Unlock
- **Account security:** Review your google account settings
- **Device finders:** Find my device uses your Google account to locate your device.
- **System and updates:** Review system and Play Store updates
- **Privacy:** Review your privacy settings
- **More security and privacy:** Review Notification permissions and other settings
- **Usage & diagnostics:** Help improve your Android device

experience by automatically sending your device and app usage data to Google.

Safety & Emergency

Open **Settings** and touch **Safety & emergency** to use the following features.

- **Medical information:** Edit your medical information for first responders to read from your lock screen.
- **Emergency Contacts:** Add and store Emergency Contacts
- **Emergency SOS:** If this feature is enabled, you can press the **Power** key 5 or more times quickly to start Emergency SOS when you have an emergency and need emergency services. The phone will play a loud sound and call the emergency number automatically according to your settings.
- **Crisis alerts:** Get important notifications for natural disasters and public emergencies in your area.
- **Emergency Location Service:** If Emergency Location Service (ELS) works in your country and on your mobile network, and you haven't turned off ELS, your phone will automatically send its location to emergency response partners. If ELS is off, your mobile operator may still send your phone's location during an emergency call.
- **Wireless emergency alerts:** Configure the emergency broadcast notifications.

Passwords & Accounts

Open **Settings** and touch **Passwords & accounts** to manage your accounts, passwords and synchronization. Touch **Add account** to sign in to or create accounts on your phone. Touch an account you have added to adjust its settings.

Digital Wellbeing & Parental Controls

Open **Settings** and touch **Digital Wellbeing & parental controls** to get information about how you spend time on your phone, like how often you unlock it and how long you use each app. You can use that information to improve your digital wellbeing. You can also help your child balance the screen time with the Family Link app.

- **Dashboard:** Check the screen time, number of notifications, and opened times of each app. You can set daily timers for most apps. When the app timer ends, the app is paused for the rest of the day.
- **Bedtime mode:** Schedule changes to help you get ready for sleep, like removing your screen's colors and stopping notifications.
- **Focus mode:** Choose which apps you want to pause. When Focus mode is on, you can't use these apps and won't get notifications from them. To temporarily unpaue apps when Focus mode is on, touch **TAKE A BREAK** and choose a time limit.
- **Reduce interruptions:** Manage app notifications and Do Not

Disturb settings to reduce interruptions from your important tasks.

- **Show icon in the app list:** Display or hide the Digital Wellbeing app in the app list.
- **Parental controls:** Touch **Set up parental controls** to add content restrictions and set other limits for your child with the Family Link app.

Google

Open **Settings** and touch **Google** to manage settings for Google apps and services.

System

System Update

Open **Settings** and touch **System > System update** to check for system updates and install them when they become available.

Languages

Open **Settings** and touch **System > Languages** to configure options related to system languages.

Keyboard

Open **Settings** and touch **System > Keyboard** to configure

options for the system keyboard.

Date and time

Open **Settings** and touch **System > Date and time** to set date, time, time zone, and the time format. You can also use network-provided data.

Downloads

Open **Settings** and touch **System > Downloads** to view and manage your downloaded files.

Backup

Open **Settings** and touch **System > Backup** to manage data backup options. To easily restore or switch phones at any time, you can enable automatic backup to Google cloud storage of important data. You need to sign in to your Google account to use this feature.

Reset Options

Open **Settings** and touch **System > Reset options** to reset network settings, Bluetooth and Wi-Fi, app preferences, or Erase all data for a full factory reset.









About Phone












Open **Settings** and touch **About phone** to view phone status, nano-SIM card status, legal information, and other information.

You can also use the phone storage as the extended RAM to make your phone run more smoothly. See [*Using the Phone Storage as the Extended RAM.*](#)

For Your Safety

General Safety

	Don't make or receive handheld calls while driving. Never text while driving.		Don't use at gas stations.
	Keep your phone at least 10 mm (0.4 inches) away from your body while making calls.		Your phone may produce a bright or flashing light.
	Small parts may cause choking.		Don't dispose of your phone in fire.
	Your phone can produce a loud sound.		To prevent possible hearing damage, do not listen at high volume levels for long periods. Exercise caution when holding your phone near your ear while the loudspeaker is in use.

	<p>Avoid contact with anything magnetic.</p>		<p>Avoid extreme temperatures.</p>
	<p>Keep away from pacemakers and other electronic medical devices.</p>		<p>Avoid contact with liquids. Keep your phone dry.</p>
	<p>Turn off when asked to in hospitals and medical facilities.</p>		<p>Do not attempt to disassemble your phone.</p>
	<p>Turn off when told to on aircraft and at airports.</p>		<p>Only use approved accessories.</p>
	<p>Turn off when near explosive materials or liquids.</p>		<p>Don't rely on your phone as a primary device for emergency communications.</p>
	<p>For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.</p>		

RF Exposure Information (SAR)

This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Australian Mobile Telecommunications Association (AMTA).

During SAR testing, this device was set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage against the head with no separation, and near the body with the separation of 10 mm. 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 phone 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.

The exposure standard for wireless devices employing a unit of measurement is known as the Specific Absorption Rate, or SAR.

This device is complied with SAR for general population/uncontrolled exposure limits set by ICNIRP (International Commission on Non Ionising Radiation Protection)

For this device, the highest reported SAR value is published on ztemobiles.com.au

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

SAR compliance for body-worn operation is based on a separation distance of 10 mm between the unit and the human body. Carry this device at least 10 mm away from your body to ensure RF exposure level compliant or lower to the reported level. To support body-worn operation, choose the belt clips or holsters, which do not contain metallic components, to maintain a separation of 10 mm between this device and your body.

RF exposure compliance with any body-worn accessory that contains metal was not tested and certified, and use of such body-worn accessory should be avoided.

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.

 **CAUTION:**

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Distractions

Driving

Full attention must be given to driving at all times in order to reduce the risk of an accident. Using a phone while driving (even with a hands-free kit) can cause distraction and lead to an accident. You must comply with local laws and regulations restricting the use of wireless devices while driving.

Operating Machinery

Full attention must be given to operating the machinery in order to reduce the risk of an accident.

Product Handling

General Statement on Handling and Use

You alone are responsible for how you use your phone and any consequences of its use.

You must always switch off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.

- Always treat your phone and its accessories with care and keep them in a clean place.

- Keep the screen and camera lens clean. An unclean screen or camera lens may slow down the phone's reaction to your operations or interfere with the image quality.
- Clean your phone and its accessories with a soft material such as cleaning cloth for eyeglass lenses. Do not use alcohol or other corrosive substances for cleaning or allow them to get inside.
- Do not expose your phone or its accessories to open flames or lit tobacco products.
- Do not expose your phone or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your phone or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the phone or its accessories.
- Do not paint your phone or its accessories.
- Do not attempt to disassemble your phone or its accessories. Only authorized personnel can do so.
- Do not place your phone inside or near heating equipment or high-pressure containers, such as water heaters, microwave ovens, or hot cooking utensils. Otherwise, your phone may be damaged.
- Please check local regulations for disposal of electronic products.
- Do not carry your phone in your back pocket as it could

break when you sit down.

Battery Safety

- Using ZTE-unapproved or incompatible battery, charger or power adapter may damage your device, shorten its lifespan or cause a fire, explosion or other hazards.
- The recommended operating temperatures are 0 °C to 35 °C and the storage temperatures are -20 °C to +45 °C. Extreme temperatures can damage the device and reduce the charging capacity and lifespan of your device and battery.



WARNING!

Do not remove the back cover. The battery is not removable. Removal may cause fire or explosion.

- Do not change or replace the built-in rechargeable battery in your device by yourself. The battery can only be changed or replaced by ZTE or ZTE authorized service provider.
- Do not place the device or the battery in or near heating equipment, such as microwave ovens, stoves or radiators or on soft furnishings that retain heat. Keep the device and the battery away from excessive heat and direct sunlight. If not, the device or the battery may overheat and cause explosion or fire.
- Do not disassemble, squeeze or puncture the device, as this can cause explosion or fire.
- Do not throw the device into a fire to avoid explosion.
- Please disconnect the charger when the battery is fully

charged. Overcharging may shorten the battery life.

- When not using the device for a long period, please charge the battery about half and then store the device in a cool dry place.
- If the battery damages or shows signs of swelling or leakage, please stop use immediately and contact ZTE or ZTE authorized service provider for replacement.

Small Children

Do not leave your phone and its accessories within the reach of small children or allow them to play with it. They could hurt themselves or others, or could accidentally damage the phone.

Your phone contains small parts with sharp edges that may cause an injury or may become detached and create a choking hazard.

Demagnetization

To avoid the risk of demagnetization, do not allow electronic devices or magnetic media close to your phone for a long time.

Electrostatic Discharge (ESD)

Do not touch the metallic connectors of the nano-SIM card.

Antenna

Do not touch the antenna unnecessarily.

Normal Use Position

When placing or receiving a phone call, hold your phone to your ear, with the bottom towards your mouth.

Airbags

Do not place a phone in the area over an airbag or in the airbag deployment area, as an airbag inflates with great force and serious injury could result. Store the phone in a safe and secure area before driving your vehicle.

Seizures/Blackouts

Your phone can produce a bright or flashing light. A small percentage of people may be susceptible to blackouts or seizures (even if they have never had one before) when exposed to flashing lights or light patterns such as when playing games or watching videos. If you have experienced seizures or blackouts or have a family history of such occurrences, please consult a physician. To reduce the risk of blackouts or seizures, use your phone in a well-lit room and take frequent breaks.

Repetitive Strain Injuries

To minimize the risk of Repetitive Strain Injury (RSI) when texting or playing games with your phone:

- Do not grip the phone too tightly.
- Press the buttons lightly.
- Use the special features which are designed to minimize the

times of pressing buttons, such as Message Templates and Predictive Text.

- Take frequent breaks to stretch and relax.

Emergency Calls

This phone, like any other wireless phone, operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless phone for emergency communications.

Loud Noise

This phone is capable of producing loud noises, which may damage your hearing. Turn down the volume before using headphones, Bluetooth headsets or other audio devices.

Phone Heating

Your phone may become warm during charging and normal use.

Electrical Safety

Accessories

Use only approved accessories.

Do not connect with incompatible products or accessories.

Take care not to allow metal objects, such as coins or key rings, to contact or short-circuit the charging jack. Never puncture the

surface of the phone with sharp objects.

Connection to Vehicles

Seek professional advice when connecting a phone interface to the vehicle electrical system.

Faulty and Damaged Products

Do not attempt to disassemble the phone or its accessories. Only qualified personnel can service or repair the phone or its accessories. If your phone (or its accessories) has been submerged in water, punctured, or subjected to a severe fall, do not use it until you have taken it to be checked at an authorized service center.

Radio Frequency Interference

General Statement on Interference

Care must be taken when using your phone in close proximity to personal medical devices, such as pacemakers and hearing aids.

Please consult your doctor and the device manufacturers to determine if the operation of your phone may interfere with the operation of your medical devices.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 cm be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this, use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

Hearing Aids

People with hearing aids or other cochlear implants may experience interfering noises when using wireless devices or when one is nearby.

The level of interference depends on the type of the hearing device and the distance from the interference source. Increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

Medical Equipment

Switch off your wireless device when you are requested to do so in hospitals, clinics or healthcare facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

Aircraft

Switch off your wireless device whenever you are instructed to do so by airport or airline staff.

Consult the airline staff about the use of wireless devices onboard the aircraft and enable airplane mode of your phone when boarding an aircraft.

Interference in Vehicles

Please note that because of possible interference with electronic equipment, some vehicle manufacturers forbid the use of mobile phones in their vehicles unless a hands-free kit with an external antenna is included in the installation.

Explosive Environments

Gas Stations and Explosive Atmospheres

In locations with potentially explosive atmospheres, obey all posted signs to turn off wireless devices such as your phone or other radio equipment.

Areas with potentially explosive atmospheres include fueling areas, below decks on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

Blasting Caps and Areas

Power off your mobile phone or wireless device when in a blasting area or in areas where signs are posted to power off “two-way radios” or “electronic devices” to avoid interfering with blasting operations.

Technical Specifications

Size and Weight	165.5 x 76.2 x 8.3mm.	Approx. 170g
Networks	5G n1 / n3 / n5 / n7 / n8 / n28 / n40 4G LTE Band 1, 3, 5, 7, 8, 28, 40	
Display	6.7" HD+ 1600 x 720, Capacitive touch. 120Hz	
Camera	50MP +2MP + 0.08MP triple AI camera rear with flash. 8MP front camera	
CPU & Memory	T780 Octa Core 2.2GHz CPU with 4+4 GB RAM. 128GB ROM with approx. 50GB user space. Expandable storage microSD(HC) [™] up to 2TB	
Operating system	Android Version 15	
Battery	Capacity	5000mAh Li-ion not user replaceable
	Charge Time	3-4 hrs with 10W AC Charger

Standby	Up to 900 hours (subject to network)
Talk time	Up to 28.5 hours (subject to network)
Connectivity	Bluetooth 5.4, Wi-Fi 802.11a/b/g/n/ac, 3.5mm jack NAHJ, USB C with USB OTG
SIM Card	Nano SIM, 4FF format.
Special Features	NFC, Face recognition unlock.

Disposal of Your Old Appliance

For Australia – please dispose of your old phone in any Mobile Muster collection station which are in all Optus, Officeworks and other phone provider stores.