# nubia

Z2468N (nubia Air)

**User Manual** 

#### **About This Manual**

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

### Copyright

### Copyright © 2025 ZTE CORPORATION.

#### All rights reserved.

No part of this publication may be quoted, reproduced, translated or used in any form or by any means, electronic or mechanical, including photocopying and microfilm, without the prior written permission of ZTE Corporation.

#### **Notice**

ZTE Corporation reserves the right to make modifications on print errors or update specifications in this guide without prior notice. This manual has been designed with the utmost care to ensure the accuracy of its content. However, all statements, information and recommendations contained therein do not constitute a warranty of any kind, either expressed or implied. Please refer to For Your Safety to be sure to use your phone properly and safely. We offer self-service for our smart device users. Please visit the ZTE official website (at <a href="https://ztedevices.com">https://ztedevices.com</a>) for more information on self-service and supported product models. Information on the website takes precedence.

#### Disclaimer

ZTE Corporation expressly disclaims any liability for faults and damages caused by unauthorized modifications of the software.

Images and screenshots used in this manual may differ from the actual product. Content in this manual may differ from the actual product or software.

### **Trademarks**

ZTE and the ZTE logos are trademarks of ZTE Corporation.

nubia and the nubia logos are trademarks of Nubia Technology Co., Ltd.

Android™ is a trademark of Google LLC.

The *Bluetooth*® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by ZTE Corporation is under license.



FOR DTS PATENTS, SEE <a href="http://xperi.com/dts-patents/">http://xperi.com/dts-patents/</a>. MANUFACTURED UNDER LICENSE FROM DTS, INC. AND ITS AFFILIATES. DTS, THE DTS LOGO, AND DTS AUDIO PROCESSING ARE REGISTERED TRADEMARKS OR TRADEMARKS OF DTS, INC. AND ITS AFFILIATES IN THE UNITED STATES AND/OR OTHER COUNTRIES. © DTS, INC. AND ITS AFFILIATES. ALL RIGHTS RESERVED.

Other trademarks and trade names are those of their respective owners.

#### Instructional Icons

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

product.

Safety information that, if ignored, may cause minor damage to the equipment

or service interruption.

Safety information that, if ignored, may cause serious damage to the equipment

or danger to personal safety.

Version No.: R1.0

Edition Time: July 21, 2025

## **Contents**

	11
Adjustable Screen Refresh Rate	11
Adaptive 5G	11
Live Island	11
SmartCast	11
Real-time Call Translation/Subtitle	11
Dialogue Translation	12
Face Recognition	12
Fingerprint Identification	12
Private Space	12
Phone Switch	13
Extended RAM	13
Getting Started	11
Octing Otal to a	14
•	
Getting to Know Your Phone	14
Getting to Know Your Phone	14 16
Getting to Know Your PhoneKnowing the Keys	14 16
Getting to Know Your Phone Knowing the Keys Setting Up Your Phone	14 16 16
Getting to Know Your Phone  Knowing the Keys Setting Up Your Phone Charging the Phone	14 16 19 20
Getting to Know Your Phone  Knowing the Keys Setting Up Your Phone Charging the Phone Checking the Battery Information	14 16 19 20
Getting to Know Your Phone Knowing the Keys Setting Up Your Phone Charging the Phone Checking the Battery Information Battery Maintenance Tips Powering On/Off.	
Getting to Know Your Phone  Knowing the Keys  Setting Up Your Phone  Charging the Phone  Checking the Battery Information  Battery Maintenance Tips	
Getting to Know Your Phone Knowing the Keys Setting Up Your Phone Charging the Phone Checking the Battery Information Battery Maintenance Tips Powering On/Off Setting Up for the First Time	

Personalizing	25
Selecting the Home Screen Mode	25
Setting the Navigation Style	
Changing the System Language	28
Switching to Vibration or Silent Mode	28
Using Do Not Disturb Mode	29
Choosing Your Wallpaper	30
Changing the Theme	30
Setting Screen Refresh Rate	31
Using Dark Mode	31
Using Read Mode	31
Using Eye Comfort	32
Using the Phone Storage as the Extended RAM	33
Knowing the Basics	34
Knowing the Basics	
	34
Phone Status Icons	34 35
Phone Status Icons	34 35
Phone Status Icons	34 35 35
Phone Status Icons  Notification Icons  Using Quick Settings  Using App Shortcuts	34 35 36 36
Phone Status Icons	34 35 36 36
Phone Status Icons  Notification Icons  Using Quick Settings  Using App Shortcuts  Notification Dots  Switching Apps	34 35 36 37 38
Phone Status Icons Notification Icons Using Quick Settings Using App Shortcuts Notification Dots Switching Apps Organizing Home Screen Icons	34 35 36 37 38 38
Phone Status Icons Notification Icons Using Quick Settings Using App Shortcuts Notification Dots Switching Apps Organizing Home Screen Icons Using the Live Island	34 35 36 38 38 38
Phone Status Icons Notification Icons Using Quick Settings Using App Shortcuts Notification Dots Switching Apps Organizing Home Screen Icons Using the Live Island	34 35 35 36 37 38 38 39 40

Using Face Recognition	43
Protecting Your Phone With App Pinning	
Connecting to Networks	.47
Connecting to Mobile Networks	
Connecting to Wi-Fi	
Connecting to Devices	.51
Connecting to Bluetooth Devices	
Exchanging Data via NFC	
Connecting to Your Computer via USB	52
Using USB On-The-Go (OTG)	53
Sharing Your Mobile Data Connection Through	
Tethering	. 54
Phone Calls	. 55
Placing Calls	
Answering or Rejecting Calls	
Using Options During a Call	57
NA NA - Iti O - II -	
Managing Multi-party Calls	
	58
Contacts	58 <b>. 61</b>
	58 <b>. 61</b> 61
ContactsAdding a New Contact	58 <b>. 61</b> 61 61
ContactsAdding a New Contact	58 <b>61</b> 61 62

64
65
67
67
69
70
71
71
72
74
74
74
74
75
76
76
77
77
77
79
81
81
82
82

Using Password Book	83
Setting Private Space	83
Settings	85
Wi-Fi	
Bluetooth	85
Mobile Network	85
Connected Devices	87
Theme and Personalization	88
Home Screen	88
Display	89
Notification & Status Bar	89
Sound & Vibration	89
nubia AI	89
Features	90
Apps	91
Battery	92
Storage	93
Location	93
Security & Privacy	93
Safety & Emergency	97
Passwords & Accounts	98
Digital Wellbeing & Parental Controls	98
Google	99
System and Update	99
About Phone	101
Accessibility	102

Display	102
Interaction Controls	107
Captions	109
Audio	110
Text-to-Speech Output	111
Accessibility Shortcuts	112
Select to Speak	113
Switch Access	114
TalkBack	114
For Your Safety	117
General Safety	
Radio Frequency (RF) Energy	119
Distractions	121
Product Handling	121
Electrical Safety	126
Radio Frequency Interference	127
Explosive Environments	129
Disposal of Your Old Appliance	130
UK PSTI Statements of Compliance	131
EU DECLARATION OF CONFORMITY	132
ErP Conformity	133
•	
Appendix	134

## **Exciting New Features**

### **Adjustable Screen Refresh Rate**

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

### Adaptive 5G

Automatically switch between 5G and 4G networks to save battery power.

### Live Island

You can view live activities such as battery status, earbuds connection, phone calls, voice recording, and countdown timer on the Live Island at the top of the screen.

### **SmartCast**

Cast the phone screen to a large-screen device over the same Wi-Fi or through USB.

### Real-time Call Translation/Subtitle

Use AI to translate phone calls between different language speakers or display call transcript in real time.

## **Dialogue Translation**

Interpret dialogues between two parties who speak different languages.

## **Face Recognition**

You can use your face to unlock the screen. 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 under the screen, you can register up to 5 fingerprints and use them to unlock the phone, access Private Space, open locked apps, or open bound apps when the screen is off or locked.

## **Private Space**

Private Space allows you to encrypt your files, lock your apps and manage your account passwords. To access Private Space, you need to draw a pattern, enter a PIN, or use your registered fingerprint.

### **Phone Switch**

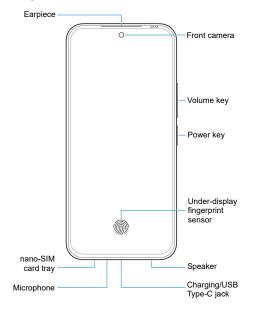
You can use Phone Switch to easily transfer data such as contacts, messages, pictures, audio, videos, etc. from your old Android phone to the new one. You need to install Phone Switch on both phones first.

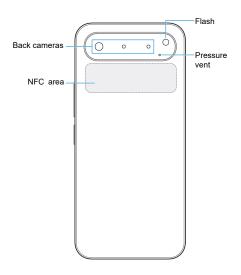
### **Extended RAM**

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.

## **Getting Started**

### **Getting to Know Your Phone**





## **Knowing the Keys**

Key	Function		
Power key	<ul> <li>Press and hold for about half a second to open the power off/restart menu or launch Google Gemini, depending on your setting.</li> <li>Press to turn off or on the screen display.</li> </ul>		
Volume key	Press or hold either end of the key to turn the volume up or down.		

#### NOTES:

- If you have enabled the function of launching Google Gemini
  with the Power key, you need to press and hold the key for
  over 3 seconds to open the power off/restart menu. See
  "Wake up Google Gemini" in <u>Features</u>.
- You can use virtual keys or gestures to navigate your phone.
   See <u>Setting the Navigation Style</u>.

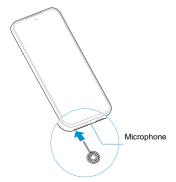
## **Setting Up Your Phone**

The nano-SIM card(s) 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.

 Insert the tip of the tray eject tool into the hole on the left of the card tray.



### CAUTION:

Be careful not to insert the tray eject tool into the microphone on the right of the card tray.

Pull out the card tray and place the nano-SIM card(s) flatly on either side of the tray, as shown. Carefully slide the tray back into place.



#### NOTES:

- Please use the tray eject tool included in the box. Otherwise the card tray may not be ejected.
- If two nano-SIM cards are installed, both cards can connect to the 5G, 4G, 3G, or 2G network, and either card can be used for mobile data.

#### 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.

### **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 compatible chargers and USB Type-C cables. The use of incompatible accessories could damage your phone or cause the battery to explode.

### WARNING!

To remove or replace the battery, contact an authorized service provider or follow the repair instructions. If the phone is not properly disassembled, it may cause personal injury and damage to the battery and phone.

1. Connect the adapter to the charging jack.



- Connect the charger to a standard AC power outlet. If the phone is on, you'll see a charging icon such as 70 4 appear on the status bar.
- 3. Disconnect the charger when the battery is fully charged.

#### NOTES:

- 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.
- For environmental reasons, this package may not include a charger. This phone can be powered with most USB power adapters and a cable with USB Type-C plug.

## **Checking the Battery Information**

You can view measured state of battery health, battery manufacturing date, date of first use of the battery, and number of full charge/discharge cycles. Just open **Settings** and touch **Battery > Battery health**.

## **Battery Maintenance Tips**

Your phone provides various options that help you conserve battery power and protect the battery. You can follow the tips below.

- · Reduce the screen backlight time.
- Lower the screen brightness.

- · Reduce the screen refresh rate.
- Turn Wi-Fi, Bluetooth, GPS, breathing light and auto-sync off when not in use.
- · Turn on Dark mode.
- Use the Optimize Battery Usage feature to save battery power. Open Settings and touch Battery > Optimize Battery Usage.
- Enable the Power saver or Ultra Power saver feature. Open Settings and touch Battery > Power saver / Ultra Power saver.
- Optimize the auto-start behavior, the secondary launch behavior, and the background running behavior of apps to save battery power. Open Settings and touch Battery > Apps Al-control.
- Automatically close the apps that have not been used for a long time. Open Settings and touch Battery > More Settings > Scenario Al-optimization > Optimize when app not in use.
- Control the behavior of apps to reduce power consumption when the phone is in a long standby period. Open Settings and touch Battery > More Settings > Scenario Al-optimization > Sleep mode.
- To prevent overcharging the battery and shortening its lifespan, you can set the phone to stop charging when the battery level reaches 80%. Open Settings and touch Battery, and then select 80% upper limit.
- To maintain battery health, charging automatically stops once the battery reaches full charge. If the phone remains

connected to the charging source, charging will resume when the battery level drops below 95%. During this cycle, the displayed battery level stays at 100%. This feature is enabled by default. To access this feature, open **Settings** and touch **Battery**, and then select **Basic**.

- To protect the battery, avoid charging the battery in high temperature environments.
- Unplug the charger after the battery is fully charged.
- To guarantee the charging performance, please use a compatible charger.
- If you use a power source like a computer instead of the charger, the charging may be slower because of the reduced electric current.
- If you use your phone during charging, it may take longer to fully charge the battery.

### **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 power off/restart 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.

### NOTE:

If you have set a face verification, a fingerprint, an unlock pattern, a PIN or a password for your phone (see <u>Using Face Recognition</u>,

<u>Using Your Fingerprint</u> and <u>Protecting Your Phone With Screen Locks</u>), 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  $\wedge$  to use the flash and voice recorder, or swipe up on  $\bigcirc$  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.

#### To remove a home screen panel:

Touch and hold an item on the panel and touch **Remove**. The panel will be deleted when you remove all items on the panel.

#### To set the main home screen panel:

- Touch and hold an empty area of the home screen. You can slide left or right to view the home screen panels.
- Touch (a) 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.

- Touch and hold an empty place on the home screen and then touch Home screen settings.
- Touch Home screen mode and choose the home screen mode you like.
  - Standard mode: All your apps are shown 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.
  - Easy 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 SWITCH.

#### NOTE:

To organize apps quickly on the home screen, see <u>Organizing</u> <u>Home Screen Icons</u>.

## **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.



Touch beside **Virtual navigation** to change the navigation key layout, turn on or off the concealable navigation bar, or set whether to activate Circle to Search by touching and holding. 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 start Google's Circle to Search.
- 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.
- Select Gestures.
- NOTE:

Touch beside **Gestures** to set whether you can open the Google Gemini when using gesture navigation, enable the avoid mis-operation option, display or hide the bottom indicator, set whether to start Circle to Search by touching and holding 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 Google Gemini.
- Touch and hold the bottom indicator to start Google's Circle to Search.

## **Changing the System Language**

- Open Settings and touch System and update > Languages > System Languages. The first language in the list is the default system language.
- Touch Add a language and then the language you need. Select the regional variant of the language if prompted.
- 3. Touch SET AS DEFAULT.

#### NOTES:

- If the language you need is already in the list, touch and hold it and drag it to the top of the list and then touch CHANGE to switch to that language.
- To remove languages from the list, touch : > Remove and select the languages you want to delete.

### **Switching to Vibration 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.
- 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 & vibration, and then select Vibrate or Silent to switch to vibration or silent mode.

## **Using Do Not Disturb Mode**

You can silence your phone with Do Not Disturb mode and set an automatic schedule for Do Not Disturb mode.

#### Turn On or Off Do Not Disturb Mode

- Open Settings and touch Sound & vibration > Do Not Disturb.
- 2. Switch Turn on now on or off.

### Set the Exceptions for Do Not Disturb Mode

- Open Settings and touch Sound & vibration > Do Not Disturb.
- 2. Select the following options and choose what to allow.
  - Allow messages from: Allow messages from anyone, contacts, or starred contacts, or block all message notifications.
  - Allow calls from: Allow calls from anyone, contacts, or starred contacts, or block all call notifications.
  - Repeat callers: Allow the phone to ring if the same person calls repeatedly within a 15 minutes period.

#### Set an Automatic Schedule

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

 Open Settings and touch Sound & vibration > Do Not Disturb. Touch the switch next to an existing schedule to turn it on or off, or touch the schedule to customize it.

- or -

Touch Add time period to create your own schedules.

## **Choosing Your Wallpaper**

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

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

### NOTE:

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

### **Changing the Theme**

- Open Settings and touch Theme and personalization > Themes.
- 2. 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, 90Hz, or 120Hz 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 for Dark mode to turn on/off automatically, touch **Turn on automatically** to enable automatic Dark mode and set the schedule.

### NOTE:

Not all apps support Dark mode.

## **Using Read Mode**

When Read mode is enabled, your phone will automatically adjust screen colour, 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.
- Switch on For entire device.

#### To enable Read mode for certain apps:

- Open Settings and touch Display > Read mode.
- 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 Eye Comfort**

You can enable Eye comfort to filter out blue light and use warmer colors for eye protection.

- Open Settings and touch Display > Eye comfort.
- 2. Switch on Turn on now to enable Eye comfort.
  - or -

Use **Turn on automatically** to enable Eye comfort between sunset and sunrise or during customized time.

When Eye comfort is on, change the blue light filter or white point reduction below **Intensity of filter** to adjust the eye protection effect.

## 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.
- Switch on Extended RAM.
- 3. Select the extended RAM size.
- 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.

3G	3G connected	aff	No signal
4G	4G connected	atl	Signal strength
5G	5G connected	<b>\$</b>	Mobile data in use
<b>}</b>	Vibration on	<b>+</b>	Airplane mode
Ż	Silent mode on	(i)	Connected to a Wi-Fi® network
C	Do Not Disturb mode on	9	Speaker on
1 / (20) I	Battery low	\$	Phone microphone off
100	Battery full	0	Location service active
<b>54 4</b>	Battery charging	<b>©</b>	Alarm set
	Wired headset connected	N	NFC on

### **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
K	Missed call	ψ	USB connected
	Call in progress		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.
- 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.

- 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.
- From the displayed menu, touch the function you want to use in the app.





You can also touch and hold a function in the upper section of the shortcut menu, and drag it to a home screen panel to create a shortcut for 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:

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

#### To turn on/off notification dots for specific apps:

- 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.
- 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**

- 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 <u>Setting the Navigation Style</u>.

- 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.

# **Organizing Home Screen Icons**

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.

- Find and tick the apps you want to move, and then the home screen thumbnails are shown at the bottom.
- 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.
- Swipe left or right to select the home screen panel you want to organize.
- Touch Align with top or Align with bottom to align all the apps on the home screen panel.

# **Using the Live Island**

You can view live activities such as battery status, earbuds connection, phone calls, voice recording, and countdown timer on the Live Island at the top of the screen. If there are several live activities at the same time, you can swipe left or right on the Live Island to view them.

To enable this feature, open **Settings** and touch **Features > Live Island**, and then turn on the switch.

# **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 a complex password to unlock the phone's screen and keys.

- Open Settings and touch Security & privacy > Device unlock > 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 of letters and digits 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 Your Fingerprint**

With the fingerprint sensor under the screen, you can register up to 5 fingerprints and use them to unlock the phone, access Private Space and locked apps, or open bound apps when the screen is off or locked.

## NOTES:

- The fingerprint feature is usable only when a screen lock (Pattern, PIN, or Complex password) is enabled. When the screen lock is reset to None or Swipe, all registered fingerprints are erased.
- 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.

## Register a Fingerprint

- Open Settings and touch Security & privacy > Device unlock > Fingerprint & Face Unlock.
- Enter the screen lock pattern, PIN or password you set. If you haven't set a screen lock, select a screen lock, fingerprint, face combination and set the screen lock pattern, PIN or password.
- 3. Touch Fingerprint.
- For first time use, read the data security statement and touch DONE.
- 5. Touch REGISTER or Add fingerprint.

- View the demonstration video and record the center and the edges of a finger.
- 7. Touch OK.
- NOTE:

Touch an existing fingerprint record to rename or delete it.

## **Set Fingerprint Functions**

- Open Settings and touch Security & privacy > Device unlock > Fingerprint & Face Unlock.
- 2. Enter the screen lock pattern, PIN or password you set.
- Touch Fingerprint.
- 4. You can set the following options.
  - Unlock device: Turn on the toggle switch to allow unlocking the phone with a registered fingerprint when the screen is off or locked.
  - Access and control apps: When this feature is enabled, you can open apps locked by Private Space with a registered fingerprint.
  - Access Private Space: When this feature is enabled, you can access Private Space with a registered fingerprint.
     See <u>Private Space</u>.
  - Simple touch: When the screen is off or locked, you can quickly open a selected app with a registered fingerprint.
     Each registered fingerprint can be assigned to a different app.
  - Fingerprint animation style: Select the animation for fingerprint unlocking.

 Show fingerprint icon: Show the fingerprint icon on the screen if you touch the screen or lift the phone while the screen is off.

# **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

- Open Settings and touch Security & privacy > Device unlock > Fingerprint & Face Unlock.
- Enter the screen lock pattern, PIN or password you set. If you have not set a screen lock, select a screen lock, fingerprint, and face combination and set the screen lock pattern, PIN or

password.

- 3. Touch Face Unlock.
- Read the data security statement for face recognition and touch **DONE**.
- 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.
- Find a spot that is neither too bright nor too dim and touch CREATE NOW.
- 7. Follow the prompts to register your face.

## Use Face Recognition to Unlock the Screen

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

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



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**.

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

## **Set Face Recognition Options**

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

- Open Settings and touch Security & privacy > Device unlock > Fingerprint & Face Unlock.
- 2. Enter the screen lock pattern, PIN or password you set.
- Touch Face Unlock.
- You can set the following options.
  - Unlock device: Select how the screen is unlocked with your face.
  - Access and control apps: If this option is enabled, you can use face recognition to open the apps locked by Private Space. See *Private Space*.
  - Access Private Space: If this option is enabled, you can use face recognition to access Private Space. See <u>Private</u> <u>Space</u>.
  - 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.

# Protecting Your Phone With App Pinning

You can pin an app's screen to keep it in view until you unpin it. This feature can be used, for example, to let a trusted friend play a specific game. Before using app pinning, you need to set up a screen lock. See <a href="Protecting Your Phone With Screen Locks">Protecting Your Phone With Screen Locks</a>.

## NOTE:

When an app is pinned, the pinned app may open other apps and your personal data may be accessible.

## Pin an App

- Open the recent apps list. If the app you want to keep in view is not in recent apps, open it first.
- Swipe left or right to find the app card. Then touch at the top of the card and select Pin > OK.

## Unpin the App

- To unpin the app and return to normal use, touch and hold both and for virtual navigation; swipe up from the bottom of the screen and hold for a while for gesture navigation.
- Swipe up on the lock screen and draw the pattern or enter the PIN/password. You can also unlock the screen with your fingerprint or face if you have registered it on the phone.

# **Connecting to Networks**

# **Connecting to Mobile Networks**

## Manage the nano-SIM Cards

When two nano-SIM cards are installed, you can turn off one of them, or choose the default card for calling and data.

#### To turn on or off a card:

- 1. Open Settings and touch Mobile network > SIM cards.
- 2. Touch the toggle switch next to a card at the top.

## NOTE:

You can touch ut to edit the card name.

#### To set the default card for calling and data connection:

- 1. Open **Settings** and touch **Mobile network > SIM cards**.
- Below Default for calls & SMS and Default SIM for cellular data, select a card as the default.

#### NOTES:

- When two nano-SIM cards are installed, switch on Dual sim smart switch if you want to use the other card for mobile data when the network status of the default card for mobile data is poor.
- When two nano-SIM cards are installed, you can allow the non-data SIM card to temporarily use mobile data as it is connected to an IMS call over WCDMA/4G/5G network.

Switch on **Connect to network during calls on the secondary SIM** to enable this feature. IMS support depends on your mobile service provider.

#### **Enable 5G**

5G networks are only available in some countries and regions. For detailed information, please contact your mobile service provider.

- Open Settings and touch Mobile network > Mobile data.
- Touch Preferred network type and select 5G/4G/3G/2G auto.

## **Use Adaptive 5G**

When the Adaptive 5G feature is enabled, your phone will automatically switch between 5G and 4G networks to save battery power according to the app running status and mobile data speed.

- Open Settings and touch Mobile network > Mobile data.
- 2. Touch Adaptive 5G and turn on the toggle switch at the top.
- You can also touch Add Application and add apps to the 5G preferred list, which will make them always connect to available 5G networks when the phone screen is on and the apps are running in the foreground.

#### NOTE:

It's recommended to keep this feature turned on as it will not affect the use of 5G networks and the battery life will be significantly reduced if it is turned off.

#### **Control Mobile Data Use**

- 1. Open Settings and touch Mobile network.
- 2. Touch Mobile data or SIM cards.
- Touch the Mobile data toggle switch to enable or disable mobile data use.

## **Select Preferred Network Type**

- 1. Open Settings and touch Mobile network > Mobile data.
- In the SIM 1 or SIM 2 section, touch Preferred network type and select the type of network you prefer the phone to connect to with either nano-SIM card.

#### **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 for a nano-SIM card, please contact the service provider to get the necessary information.

- Open Settings and touch Mobile network > Mobile data.
- 2. In the SIM 1 or SIM 2 section, touch Access Point Names and then touch +.
- 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. Turn on the Wi-Fi toggle switch to turn on Wi-Fi.
- 3. Touch a Wi-Fi network name to connect to it.
- 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.

- Open Settings and touch Bluetooth.
- Switch on 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.
- 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.

# **Exchanging Data via NFC**

Near Field Communication (NFC) allows your phone to make contactless payments with NFC-enabled terminals when they touch each other or in close proximity.

Depending on the applications that you have installed on your phone, you might be able to use your phone as a transit pass or as an access pass. To use this feature, tap the NFC area of your phone against an NFC-enabled access point, subject to applicable terms and conditions from the particular vendor.

To turn on and use NFC:

- 1. Open Settings and touch Connected devices.
- 2. Turn on the NFC toggle switch.
- If you want to use NFC for contactless payments, touch Contactless payments to select the payment app you have installed that supports NFC.

# **Connecting to Your Computer via USB**

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

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.
- Open the notification panel and touch USB ( to open the Use USB for options menu.

- Choose one of the following options.
  - Charge only: Charge your phone via USB.
  - 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.
  - USB Casting: Cast the phone screen to a computer via USB. See "SmartCast" in <u>Connected Devices</u>.

## **Disconnect Your Phone From the Computer**

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

# 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  $\triangle$  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, USB-to-Ethernet adapter or Bluetooth.

## NOTE:

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

- Open Settings and touch Mobile network > Hotspot & tethering.
- Switch on USB tethering, Bluetooth tethering or Ethernet 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.
  - For Ethernet tethering, connect a USB-to-Ethernet adapter to your phone and then connect the adapter to the computer with a LAN cable before switching on **Ethernet tethering**. The adapter and the LAN cable are not included in the box and you need to buy them separately.

#### NOTE:

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

## **Phone Calls**

# **Placing Calls**

## Place a Call by Dialing

- 1. From the home screen, touch **\(\Circ\)**.
- 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 get call, messaging, and history options.

 Touch Call below the keypad to dial a voice call, or touch Video call above the number to dial a video call.

#### NOTES:

- 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.
- 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.

- From the home screen, touch (in the top search field) > Call history.
- NOTE:

Touch Missed to find all missed calls.

- Touch \( \mathbb{\cappa} \) beside a listing to call back.
- NOTE:

You can also touch the contact icon in front of the listing to get more options for calling and texting.

#### **Call Your Contacts**

- From the home screen, touch > the tab to view all your contacts.
- Touch a contact and then touch the number to place a voice call

# **Answering or Rejecting Calls**

#### Answer a Call

When you receive a phone call, slide  $\binom{e_0}{}$  up to answer the call.

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 **Message** 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 **Message** 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 **More** to get all available options.

- Al Translate: Use real-time call translation or call subtitles.
   See "Al Translate" in nubia Al.
- · Speaker: Touch to turn on or off the speaker.
- Mute: Touch to mute or unmute your microphone.
- Keypad: Touch to open or close the keypad, which you may need to enter a code (for example, the PIN for your voicemail or bank account) during the call.
- Hold: Touch to put the call on hold or restore the call.
- Add call: Touch to make another call separately from the first call, which is put on hold.
- Merge: Touch to merge the separate calls into a single conference call.
- Swap: Touch to put the caller you are speaking to on hold,

and switch to the other call that has been put on hold.

- · Audio-only: Turn off video during a video call.
- Add my camera: Send your video to the caller.
- Camera off: Turn off your video during a video call.
- Flip camera: Switch between your front camera and the back camera during a video call.
- · Video call: Touch to switch to video call.
  - Touch to end the current call.
- NOTE:

Video call support depends on your mobile service provider.

#### 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 Message 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 More > Swap.

## Set Up a Conference Call

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

- Place the first call
- Once you have established the connection, answer an incoming call or touch More > Add call and dial the second number. This puts the first caller on hold.
- When you're connected to the second party, touch More > Merge.
- If you need to add more parties, have them call you or touch More > Add call to dial the number, and touch More > Merge

to merge the calls one by one.



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.
- Enter the contact name, phone numbers, email addresses, and other information. Touch Add fields if necessary.
- 4. Touch Save.

# **Importing and Exporting Contacts**

You can import contacts from your nano-SIM card, the phone storage, or an external OTG storage, or export contacts to the phone storage or an external OTG storage. This is especially useful when you need to transfer contacts between different devices

## Import Contacts From the nano-SIM Card

- 1. Open Contacts.
- 2. Touch Organize > Manage SIM.
- 3. If two nano-SIM cards are installed, select a nano-SIM card

and touch OK.

4. Tick the contacts you need and then touch Import.

## **Import Contact Files**

- Open Contacts.
- 2. Touch Organize > Import from file.
- Choose where to save the imported contacts. You can select Device to save them on this phone, or other accounts that may sync the contacts to other devices.
- Touch = and find the vCard file(s) on the phone storage or the OTG storage and touch one to import contacts.

## **Export Contact Files**

- Open Contacts.
- Touch Organize > Export to file.
- Choose the accounts of which you want to export the contacts.
- 4. Touch Export.
- Touch = and select the directory in which the vCard file will be saved.
- 6. Edit the file name if needed and touch **SAVE** to create the file.

# Setting a Ringtone for a Contact

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

Open Contacts.

- Touch a contact you want to set a ringtone for and then touch
   Set ringtone.
- Select a ringtone or a music file you like and touch OK.

# **Setting Call Blocking**

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

- Open Contacts.
- 2. Touch Organize > Blocked numbers.
- 3. Touch Add a number.
- 4. Enter a phone number.
- 5 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 X 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 (e).
- 2. Touch Start chat.
- 3. If you want to create a group conversation, touch 2:

## NOTE:

In a group conversation, messages are sent as MMS and everyone in the group can reply and see each other's messages. For group message setting, touch ② > Messages settings > Advanced > Group messaging from the message list, or touch ② > Messages settings > [nano-SIM card name] > Group messaging if two nano-SIM cards are installed.

- Enter the recipient's number, email, or contact name. If the phone presents matching contacts, touch the one you want to add.
- If two nano-SIM cards are available and neither is the default for SMS, you can touch 1 or 2 and choose the card for sending this message.

- a voice recording.
- 7. Touch the text box and enter the message text.
- Touch to send the message right away or touch and hold it to pick a later time when the phone will send the message automatically.

#### NOTES:

- · Messages to email addresses are sent as MMS.
- 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 conversation and the following options are available.

- Touch to pin the conversation to the top of your message list, so you can find it quickly. You can pin up to 3 conversations. Touch to unpin the conversation.
- Touch to archive the conversation. You can touch > Archived from the Messages screen to find all archived messages.
- Touch iii > Delete to delete the conversation.
- Touch > Yes or > Block > Yes to block the contact or number in the conversation, and the conversation will be moved to "Spam & blocked." You can touch > Spam & blocked from the Messages screen to find all blocked messages.

 Touch > Add contact to add the new number in the conversation to your contacts.

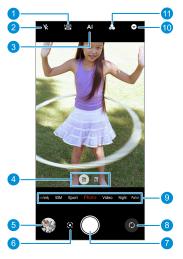


You can touch and hold a conversation and touch more to select them, and then choose to archive or delete them.

## Camera

# **Capturing a Photo**

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



Number	Function
1	Change the HDR setting.
2	Change the flash setting.
3	Turn on/off Smart AI, which recommends suitable camera modes according to the preview image.
4	Touch to switch zoom; touch and hold and then rotate the dial to zoom in or out.
5	View pictures and videos you have taken.
6	Use Google Lens.
7	Touch to capture a picture. Touch and hold to take burst photo shots.
8	Switch between the front and back cameras.
9	Swipe left or right to switch among the default Photo (auto camera) mode, Video mode, Night mode, Sport mode, 50M mode, and Portrait mode. Touch <b>Camera-family</b> to use other special camera modes.
10	Change other 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.

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

#### NOTE:

When you touch the viewfinder screen, the focus point (a white square) and the exposure meter (a white circle) will appear. You can drag the square to change the focus, or drag the circle to where you want the camera to meter exposure. Touch and hold the square or the circle to lock the focus or exposure. Drag \* beside the circle up or down to adjust the exposure.

4. Lightly touch .

# Recording a Video

- 1. Open the Camera app.
- Touch Video.
- Aim the camera at the subject and make any necessary adjustments.
  - Spread or pinch on the screen to zoom in or out.
  - ▶ Touch **720P** or **1080P** to change video resolution.
  - ▶ Touch **Beauty** to adjust the beauty level.
- 4. Touch to start recording. You can touch to save the frame as a photo.

5. Touch • to stop recording.

#### NOTES:

- When you touch the viewfinder screen, the focus point (a white square) and the exposure meter (a white circle) will appear. You can drag the square to change the focus, or drag the circle to where you want the camera to meter exposure. Touch and hold the square or the circle to lock the focus or exposure. Drag beside the circle up or down to adjust the exposure.
- You can spread or pinch on the screen to zoom in or out during recording.

# **Using Portrait Mode**

You can use Portrait mode to 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.
- Aim the camera at the face and you can make the following adjustments.
  - For Portrait mode with the back cameras, touch Aperture and then adjust the slider to change the shutter aperture.
  - ▶ Touch Beauty to manage auto-beauty level.
- 4. Touch to take the photo.

## **Using Pro Mode**

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

- 1. From the home screen, touch Camera.
- 2. Touch Camera-family > Pro.
- Aim the camera at the subject and you can make the following adjustments.
  - When you touch the viewfinder screen, the focus point (a white square) and the exposure meter (a white circle) will appear. You can drag the square to change the focus, or drag the circle to where you want the camera to meter exposure. Touch and hold the square or touch AFL to lock or unlock the focus; touch and hold the circle or touch AEL to lock or unlock the exposure.
  - Touch WBL to lock or unlock the white balance.
  - ➤ Touch the camera options below and use the slider to adjust them, including shutter speed, white balance, ISO, focus, exposure value, and interval for time lapse pictures. Touch to restore the automatic values.
- 4. Touch to take the photo.

# **Using Other Camera Modes**

Your camera app offers other powerful and interesting camera modes. Some of them are in the **Camera-family** tab.

Time-lapse: Record time-lapse videos with the back camera.
 You can customize the capture speed and time.

- Document: Take a flat and rectangular photo of a document.
   The phone will identify the text area, straighten it and remove the rest.
- Panorama: Capture panoramic photos by moving the phone slowly in one direction.
- Multi-exposure: Combine two shots into one photo. You can select several multi-exposure modes.
- Dual capture: Record a video with both the front and the back cameras.
- Monocolor: Take a photo with only one outstanding color and the rest in black and white. Touch a color option, and then use the range slider to adjust the color selection to achieve the desired effect. You can also replace the color you reserved in the picture with another color.
- VLOG: Use various templates to record short videos that you can share online.
- 50M: Use the highest resolution to take high-quality pictures.
- Sport: Capture clear pictures of fast-moving objects.
- Night:Capture pictures in low-light environment.
- NOTE:

Some camera modes are not available for the front camera.

# **Changing the Camera-family Layout**

You can add, remove or rearrange camera modes in the Camera-family.

1. Open the Camera app.

- Touch Camera-family > and make the following adjustments.
  - Touch and hold a camera mode and drag it to the position you want.
  - Touch and hold a camera mode and drag it to the bottom section to remove it from the Camera-family.
  - In the bottom section, drag a camera mode up to add it to the Camera-family. Sport, Al CAM and Video modes cannot be moved.

#### NOTE:

Touch O > OK to restore the Camera-family to the default layout.

# **Photos**

# **Opening Photos**

From the home screen, touch . You'll see all the photos and videos on your phone and, if you have signed into your Google account, anything else backed up 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.

# **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 bin.
- 4. Touch iii > Move to trash.

# Restoring a Photo or Video

- 1. Open Photos.
- Touch ≡ > Trash.
- Touch and hold the photo or video you want to restore and touch Restore > Restore.

# Voice Recorder

Voice Recorder enables you to record and listen to voice memos and convert audio to text.

# **Recording a Voice Memo**

- 1. Open Voice Recorder.
- Touch: Settings > Standard recording format to select the audio format of the recording.
- Return to the main screen of the app and touch to start recording.
- During recording, you can touch u or to pause or continue the recording.
- 5. Touch DONE to stop recording.
- 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.

# NOTE:

Voice Recorder can transcribe voice to text when it is recording. You can turn the feature on by touching : > Settings and switching on Voice-to-text. Then before recording, tick the Voice-to-text option.

# Playing a Voice Memo

- 1. Open Voice Recorder to view all recordings.
- Touch the title of a record to play it. During the playing, you can do the following:
  - ▶ Touch □ or ▶ to pause or continue the playing.
  - ▶ Touch to skip the silent parts of the recording.
  - ► Touch to change the playback speed.
  - ► Touch () or ( to play the recording through the phone earpiece or speaker.
  - ▶ Touch : to share the audio or convert voice to text.

# **Trimming a Voice Memo**

- While playing a recording, touch to open the editing screen.
- Drag the arrows on the progress bar to select the portion you want to keep. You can touch to preview the trimmed part.
- 3. Touch TRIM.
- 4. Edit the name of the trimmed recording and touch SAVE.

# **Importing Audio for Text Transcription**

When Voice-to-text is enabled in the Voice Recorder, you can import audio file and convert the audio to text.

Open Voice Recorder and touch : > Import audio as text.

- 2. Touch + and select an audio file on the phone.
- 3. Touch IMPORT and the conversion starts automatically.

When the conversion is completed, you can touch : to share the text or export it as a file.

# **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.



For detailed help information, open **Phone Switch** and touch **:** > **Help**.

#### To install the Phone Switch app on another phone:

- 1. Open Phone Switch.
- 2. Touch Share Phone Switch.
- 3. Turn on Bluetooth on another phone.
- Touch SHARE and then touch the phone name in the list to send the app installation file to that phone.
- Install the Phone Switch app on that phone after the installation file has been received.

#### To transfer data from the old phone to the new one:

- Turn off the mobile data connection and enable the location service on both phones.
- Open the Phone Switch app on the new phone and touch NEW. A QR code will be displayed on the screen.
- Open the Phone Switch app on the old phone and touch OLD

4. Use the old phone to scan the QR code on the new phone's screen to connect the two phones via Wi-Fi.



If the connection fails, touch **Unable to connect?** and follow the on-screen instructions to try again.

- Tick the data you need to transfer on the old phone and touch START CHANGING.
- Wait until the data has been transferred and imported to the new phone. Touch **DONE**.

# **Private Space**

Private Space allows you to encrypt your files, lock your apps and manage your account passwords. To access Private Space, you need to draw a pattern, enter a password, or use your registered fingerprint.

# Opening Private Space for the First Time

When you use Private Space for the first time, you need to set a new lock pattern or password for Private Space.

- 1. Open Private Space.
- 2. Touch SETUP PASSWORD.
- Draw and redraw a pattern that you must draw to access Private Space, or touch Or set password to set a password that you must enter to access Private Space.
  - NOTE:

This pattern or password is for accessing Private Space only and can be different from the pattern or password for screen lock.

- Select the security question and enter your answer, and then touch **DONE**.
  - NOTE:

If you forget the pattern or password you set, you can reset it by entering the answer to the security question.

# NOTE:

You can also use your registered fingerprint or face to access Private Space. See <u>Set Fingerprint Functions</u> and <u>Set Face Recognition Options</u>.

# **Encrypting Pictures/Videos/Files**

After the pictures, videos, and files are encrypted, they can be accessed only in Private Space.

- 1. Open Private Space.
- Enter the lock pattern or password you set or use your registered fingerprint or face.
- 3. Touch Pictures, Videos or Files.
- Touch + to select pictures, videos, or files you want to encrypt. You can also take pictures or videos and encrypt them directly.

The added items will be moved into Private Space.

# NOTE:

To decrypt pictures, videos, or files, touch and hold an item and touch more to select them, and then touch •> OK.

# **Locking Apps**

After an app is locked, you need to enter the lock pattern or password or use your registered fingerprint or face before using that app.

1. Open Private Space.

- Enter the lock pattern or password you set or use your registered fingerprint or face.
- 3. Touch App lock.
- 4. Turn on the switches beside the apps you want to lock.

# NOTE:

Touch on the App lock screen and touch the **App lock** toggle switch to turn on or off this feature, or touch **Lock mode** to set when the locked apps will be locked again after you open them.

# **Using Password Book**

- 1. Open Private Space.
- Enter the lock pattern or password you set or use your registered fingerprint or face.
- Touch Password book. You can add and manage your account description, user name, password and note in the password book.

# **Setting Private Space**

- 1. Open Private Space.
- Enter the lock pattern or password you set or use your registered fingerprint or face.
- 3. Touch o and set the following options.
  - Password manager:
    - Login type: To access Private Space and the locked apps, you can select pattern or numeric password as

the login type.

Security question: Edit your security question and answer.

### NOTE:

If you forget the lock pattern or password, you can touch **Forgot password** on the screen and enter your answer to reset the pattern or password.

- Pattern feedback: Set whether the pattern is visible when you draw the lock pattern.
- Access Private Space (Fingerprint): Set whether to use the fingerprint you set to access Private Space.
- Access app lock (Fingerprint): Set whether to use the fingerprint you set to open the locked apps.
- Access Private Space (Face verify): Set whether to use face recognition to access Private Space.
- Access app lock (Face verify): Set whether to use face recognition to open the locked apps.
- Private Space backup: Back up Private Space data. If you forget the pattern or password of Private Space, you cannot restore the data.
- ▶ Private Space restore: Restore Private Space data.
- Backup reminder notification: Set whether to be notified to back up regularly when Private Space has new data.

# **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 <u>Connecting to Wi-Fi</u>.

### **Bluetooth**

Open **Settings** and touch **Bluetooth**. You can turn Bluetooth on or off and configure your Bluetooth connections. See <u>Connecting</u> to <u>Bluetooth Devices</u>.

### **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 mobile 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 cable, Bluetooth, or USB-to-Ethernet
adapter. See <u>Sharing Your Mobile Data Connection Through</u>
<u>Tethering</u>.

#### **Mobile Data**

Open **Settings** and touch **Mobile network > Mobile data** to control mobile data and data roaming, check and manage mobile data use, set network type, and set access point names and other network options. See <u>Connecting to Mobile Networks</u>.

# NOTE:

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

#### SIM Cards

Open **Settings** and touch **Mobile network > SIM cards**. Manage your installed nano-SIM cards and set the default nano-SIM card for making calls, sending messages, and mobile data. See <u>Manage the nano-SIM Cards</u>.

### **Connected Devices**

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

 SmartCast: Cast the phone screen to a large-screen device over the same Wi-Fi or via USB.

### NOTE:

For detailed help information, touch  $\dot{\mathbb{O}}$ .

- NFC: Turn on or off the NFC feature. See <u>Exchanging Data</u> via NFC.
- Contactless payments: Manage contactless payment setting for apps using NFC for contactless payments.
- 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.
  - Quick Share: Use Bluetooth or Wi-Fi to share files and links with other devices near your phone.

 Android Auto: Connect to your car and use apps on your car screen.

### Theme and Personalization

Open **Settings** and touch **Theme and personalization** to set the following options.

- Themes: Select the theme you like for your phone's interface.
- Wallpaper: Set the wallpaper for the home screen and the lock screen.
- App icons: Customize icon shape and color.
- Fingerprint animation style: Set the style for fingerprint animation.
- Lock screen settings: Select a style and make more edits to personalize your lock screen.
- · Animation speed: Set animation speed.
- Color & shape: Set the shape and color of onscreen items such as buttons, sliders, and menu icons.
- Font: Set the font size and the font weight of onscreen text.

### **Home Screen**

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

# **Display**

Open **Settings** and touch **Display** to configure the display options, including Dark mode, Read mode, Eye comfort, color temperature, brightness level, font, display size, screen timeout, screen refresh rate, etc.

### **Notification & Status Bar**

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

### **Sound & Vibration**

Open **Settings** and touch **Sound & vibration**. You can adjust different types of volume, toggle sound mode (see <u>Switching to Vibration or Silent Mode</u>), set Do Not Disturb options (see <u>Using Do Not Disturb Mode</u>), set up ringtones, set DTS sound effects, and set other sound and vibration options.

### nubia Al

Open **Settings** and touch **nubia Al > Al Translate** to manage options for the experimental real-time translation and subtitle generation features. You can enable or disable each feature, set the languages, or select the output voice.

### **Features**

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

- System navigation: Set the navigation style as virtual navigation or gesture navigation. See <u>Setting the Navigation</u> <u>Style</u>.
- Record screen: Set the sound source, video quality, touch interaction, and lock screen options for screen recording.



To record the screen and save it as a video, open the Quick Settings panel and touch **Record screen**, touch Q/Q/T/M to mute the recording or change sound source, and then touch to start recording and II or to pause or stop.

- App duplicator: Create an app clone so you can sign in to different accounts at the same time.
- Live Island: View live activities such as battery status, earbuds connection, phone calls, voice recording, and countdown timer on the Live Island at the top of the screen.
- 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. See <u>Accessibility</u>.
- Wake up Google Gemini: When this feature is enabled, you can wake up Google Gemini 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.

# **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 some time and delete them to free up space.

# **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, optimize battery usage, manage apps battery use 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. You can get a detailed breakdown of space usage by type. Touch a data type to view the related data or files.

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 <u>Using USB On-The-Go (OTG)</u>.

### 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 & Privacy**

Open **Settings** and touch **Security & privacy** to configure options that help keep your phone and data safe and set the privacy options. You need to touch **More security & privacy** to find all options.

 App security: Google Play Protect regularly checks your apps and phone for harmful behaviour and warns you about any detected potential harm.

#### Device unlock:

- Screen lock: Disable the screen lock or enable it with swipe, pattern, PIN, or complex password. See <u>Protecting</u> <u>Your Phone With Screen Locks</u>.
  - Touch is beside Screen lock to set its options.
- Fingerprint & Face Unlock: Register your face or fingerprints and use them to unlock the phone, access Private Space or locked apps, and more. See <u>Using Your</u> <u>Fingerprint</u> and <u>Using Face Recognition</u>.
- Account security: Add a Google account to take the Google security and password checkups.
- 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 & updates: Check for security update and Google Play system update, or back up your data with Google One.

#### Privacy controls:

 Permission manager: Check which apps have been allowed to access certain permissions. You can also change the app permissions.

#### **WARNING!**

Changing the app permissions may result in the app not working correctly or as originally intended.

- Ads: Reset your advertising ID or opt out of ads personalization.
- Health Connect: Manage the health and fitness data on your phone, and control which apps can access it.

- Data sharing updates for location: Review apps that changed the way they may share your location data.
- Show clipboard access: Get a notification when apps access text, images, or other content you've copied.
- Show passwords: Display passwords briefly as you enter them
- Location access: Manage location services, which help your phone and apps determine your location.
- Activity controls: Choose the activities and information you allow Google to save.
- Privacy dashboard: Check which apps recently used certain permissions.
- Notifications on lock screen: Choose what notification contents will be shown on the lock screen.
- Show media on lock screen: Allow media player stay open on the lock screen to resume playback quickly.
- Allow camera software extensions: Allow default software implementation of advanced camera features, such as HDR, Night mode, etc.
- App content: Allow apps to send content to the Android system.
- Android System Intelligence: Get suggestions based on the people, apps and content you interact with.
- Autofill service from Google: Set the options of Autofill with Google. With a single touch, you can fill in passwords, addresses, credit cards, and other information saved to your Google account.

- Usage & diagnostics: Help improve your Android device experience by automatically sending your device and app usage data to Google.
- Device admin apps: View or deactivate apps you have authorized to be device administrators.
- Extend Unlock: Keep the phone unlocked when connected to trusted devices, in trusted places, or is being carried on you.

# NOTE:

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

- Android Safe Browsing: Alert you to security threats, like harmful links and webpages, when you browse within supported apps.
- SIM lock:
  - Lock SIM: Activate or deactivate the PIN lock to require the PIN before accessing the nano-SIM card.
  - Change SIM PIN: Change the PIN used to access the nano-SIM card

# NOTE:

Put all your confidential passwords in a safe place for future use. If you enter the wrong SIM PIN more times than allowed, your nano-SIM card will be locked and you cannot access the mobile phone network. Contact your operator for a PIN Unlock Key (PUK) to restore the nano-SIM card.

 Encryption & credentials: Check the encryption status of your phone and set the credential storage options. Trust agents: View or deactivate trust agents.

# Safety & Emergency

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

# NOTE:

The **Safety & emergency** options may vary when you are in different countries and regions.

- Medical information / Emergency contacts: Edit your medical information and emergency contacts for first responders to read from your lock screen.
- Emergency SOS: If this feature is enabled, you can press
  the Power key quickly 5 times or more to start Emergency
  SOS when you have an emergency and need help. The
  phone can play a loud sound, call the emergency number,
  share information with contacts and record an emergency
  video automatically according to your settings.
- Crisis alerts: Get alerts for natural disasters and public emergencies affecting 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.
- Earthquake alerts: Enable or disable earthquake alerts. This
  feature is not supported in all countries.

- Unknown tracker alerts: Get a notification if an unknown tracker is detected traveling with you.
- Wireless emergency alerts: Enable or disable emergency alerts such as AMBER alerts and Extreme threats and set alert preferences.

### **Passwords & Accounts**

Open **Settings** and touch **Passwords & accounts** to manage your preferred service provider, accounts, and synchronization.

# **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.

- View activity details: 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.
- App limits: Set daily timers for 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 colours and stopping notifications.
- Focus mode: Select distracting apps and turn on focus mode

to pause these apps and hide their notifications when you need time to focus.

- Manage notifications: Manage notification settings for each app.
- Do Not Disturb: Set Do Not Disturb options (see <u>Using Do Not Disturb Mode</u>.)
- Heads Up: Get a reminder to stop using your phone while you're walking.
- 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 and Update**

# System Update

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

# Languages

Open **Settings** and touch **System and update > Languages** to configure options related to system language, app language, regional preferences, and speech input and output.

# Keyboard

Open **Settings** and touch **System and update > Keyboard** to configure options related to on-screen and physical keyboards, and other inputs/outputs.

#### Date & Time

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

#### **Downloads**

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

### **Change Phone**

Open **Settings** and touch **System and update > Change phone**. You can use the Phone Switch app to easily transfer data such as contacts, messages, pictures, audio, videos, etc. from your old Android phone to the new one. See <a href="Phone Switch">Phone Switch</a>.

# **Backup**

Open **Settings** and touch **System and update > 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 and update > Reset options** to restore preset applications, reset mobile network settings, Bluetooth and Wi-Fi settings, app preferences, or reset the phone to factory default status.

### **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 <u>Using the Phone Storage as the Extended RAM</u>.

# **Accessibility**

You can configure accessibility options and services on your phone including downloaded apps options, display, interaction controls, captions, audio, etc.

# **Display**

### **Change Display Size and Text**

- Open Settings and touch Features > Accessibility > Text and display.
- Touch Font to adjust font size and weight, or touch Display size to change your preferred display size.

# **Use High Contrast Text**

High contrast can make text easier to read on your phone. This feature changes the text color to either black or white, depending on the original text color.

- Open Settings and touch Features > Accessibility > Text and display.
- 2. Switch on High contrast text.

#### **Use Color Correction**

Color correction and grayscale settings help your phone compensate for color blindness.

 Open Settings and touch Features > Accessibility > Color and motion > Color correction.

- 2. Switch on Use color correction.
- 3. Choose a correction mode.
- NOTE:

You can make a shortcut for color correction.

#### **Use Color Inversion**

Color inversion reverses the color on the screen, and applies to everything including media and images.

- Open Settings and touch Features > Accessibility > Color and motion > Color inversion.
- 2. Switch on Use color inversion.
- NOTE:

You can make a shortcut for color inversion.

#### **Use 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.

- Open Settings and touch Features > Accessibility > Color and motion > Dark mode
- Switch on Turn on now to enable Dark mode.
  - or -

If you want to set a schedule for Dark mode to turn on/off automatically, touch **Turn on automatically** to enable automatic Dark mode between sunset and sunrise or customized time.

# NOTE:

Not all apps support Dark mode.

#### **Remove Animations**

You can reduce animation effects on the screen to help you focus.

- Open Settings and touch Features > Accessibility > Color and motion.
- Switch on Remove animations.

# **Use Large Mouse Cursor**

You can make the mouse pointer bigger when using an external mouse.

- Open Settings and touch Features > Accessibility > Color and motion.
- 2. Switch on Large mouse pointer.

#### Dim the Screen

You can dim your screen beyond your phone's minimum brightness so it's more comfortable to read.

- Open Settings and touch Features > Accessibility.
- 2. Turn on the toggle switch for **Extra dim**.
- NOTE:

You can touch **Extra dim** to adjust more options and make a shortcut.

# **Use Magnification on the Screen**

You can magnify the screen and zoom in on a specific area.

#### To turn on magnification:

- Open Settings and touch Features > Accessibility > Magnification.
- Turn on the toggle switch for Magnification shortcut and touch GOT IT.
- To change your shortcut, touch Magnification shortcut and tick the following options you need.
  - Accessibility button: Touch at the side of the screen to use magnification.

#### NOTE:

You can also use the accessibility gesture as the shortcut. Just touch **More options > Use button or gesture** and select **Gesture** 

- Advanced: Select Triple tap as the shortcut. This shortcut may slow down your phone.
- Volume keys: Press and hold both ends of the Volume key to use magnification.

#### NOTES:

- To make the magnifier follow text as you type, switch on Magnify typing.
- To make the magnifier stay on when you switch apps, switch on Keep on while switching apps.

#### To use full screen magnification:

- 1. Use your magnification shortcut to start magnification.
- Drag two fingers to move around the screen, or pinch/spread with two fingers to adjust zoom.
- 3. To stop magnification, use the shortcut again.

#### To use partial screen magnification:

- Use your magnification shortcut to start magnification. A magnifier window will appear.
- Drag the edge of the window to move it; pinch/spread with two fingers inside the window to adjust zoom.
- 3. To stop magnification, use the shortcut again.



Touch  $^{\circ}$  /  $^{\circ}$  at the corner of the window magnifier to change window size, default zoom, or allow diagonal movement of the window. Touch **Done** to save your changes.

#### To switch between full screen and partial screen:

- Open Settings and touch Features > Accessibility > Magnification > Magnification type.
- 2. Select an option and touch SAVE.



### **Interaction Controls**

# Use the Accessibility Menu

The Accessibility Menu provides a large on-screen menu to control your phone. You can lock your phone, control volume and brightness, take screenshots, and more.

#### To turn on the Accessibility Menu:

- Open Settings and touch Features > Accessibility > Accessibility Menu.
- Turn on the toggle switch for Accessibility Menu shortcut and follow the onscreen prompts.
- 3. To change your shortcut, touch **Accessibility Menu shortcut** and tick the options you need.

# NOTE:

To make the Accessibility Menu buttons larger, open **Settings** and touch **Features > Accessibility > Accessibility Menu > Settings**, and then turn on the toggle switch for **Large buttons**.

#### To use the Accessibility Menu:

- Use your Accessibility Menu shortcut to open the Accessibility Menu.
- On the menu, choose an option. To find more menu options, touch the arrows at the bottom to go to the next screen or previous screen.
- To close the menu, use the shortcut again or touch any area outside the Accessibility Menu.

### **Touch and Hold Delay**

You can set the recognition time for touching and holding the screen.

- Open Settings and touch Features > Accessibility > Screen touch > Touch & hold delay.
- 2. Select an option.

#### Time to Take Action

You can choose how long to show temporary messages that ask you to take action, but are visible only temporarily.

- Open Settings and touch Features > Accessibility > Screen touch > Time to take action (Accessibility timeout).
- 2. Select an option.
- NOTE:

Not all apps support this setting.

# Autoclick (Dwell Timing)

If you use a mouse with your phone, you can set the cursor to take action automatically when the cursor stops moving for a certain amount of time. This feature can be helpful for users with motor impairments.

- Open Settings and touch Features > Accessibility > Screen touch > Autoclick (dwell timing).
- 2. Select your preferred amount of time.

### Use the Power Key to End Call

You can press the **Power** key to end a call, making it faster and easier to hang up.

- Open Settings and touch Features > Accessibility > Handy features.
- 2. Turn on the toggle switch for Power button ends call.

## **Rotate the Screen Automatically**

If this feature is enabled, the screen automatically rotates when you move your phone between portrait position and landscape position.

- Open Settings and touch Features > Accessibility > Handy features.
- 2. Turn on the toggle switch for Auto rotate screen.

## **Captions**

#### **Live Caption**

When you play media content on your phone, such as videos or podcasts, Live Caption detects speech on the phone and automatically generates captions.

- Open Settings and touch Features > Accessibility > Live Caption.
- 2. Turn on the toggle switch for Use Live Caption.
- NOTE:

You may need to update your software to use this feature.

#### **Caption Preferences**

- Open Settings and touch Features > Accessibility > Caption preferences.
- Turn on the toggle switch for Show captions to turn on captions.
- 3. Select an option for configuring the caption settings.
- NOTE:

Not all media apps support your caption preferences.

#### **Audio**

#### **Audio Description**

If this feature is enabled, you'll hear a description of what's happening in a video.

- Open Settings and touch Features > Accessibility.
- 2. Turn on the toggle switch for Audio description.
- NOTE:

This feature only works with videos that provide audio description.

#### **Flash Notifications**

To alert you of an incoming notification or alarm, you can set your phone to flash the camera light or the screen.

#### WARNING!

Use flash notifications with caution if you're light sensitive.

- Open Settings and touch Features > Accessibility > Flash notifications.
- 2. Turn on the toggle switch for Camera flash or Screen flash.

#### NOTES:

- Touch Screen flash to choose your desired color.
- Touch Preview to test the flash notification or screen flash setting.

#### **Mono Audio**

This setting makes both left and right audio channels get played back simultaneously when playing audio. Enable this feature if you have a hearing impairment or when using a single earbud is more convenient.

- Open Settings and touch Features > Accessibility > Audio adjustment.
- 2. Turn on the toggle switch for Mono audio.

### **Adjust the Audio Balance**

- Open Settings and touch Features > Accessibility > Audio adjustment.
- 2. Drag the slider left or right below Audio balance.

## **Text-to-Speech Output**

With this feature, your phone can convert text input and play audio aloud.

- Open Settings and touch Features > Accessibility > Text-to-speech output.
- Choose your preferred speech synthesis engine, language, speech rate, and pitch.

## **Accessibility Shortcuts**

You can use the accessibility button or gesture to quickly access accessibility features.

- Open Settings and touch Features > Accessibility >
   Accessibility shortcuts > Accessibility button & gesture.
- 2. Touch Use button or gesture and select an option below.
  - ▶ Button: Touch an accessibility button at the side of the screen to access the corresponding accessibility feature.
  - ► **Gesture:** Swipe up with two fingers from the bottom of the screen to access the accessibility feature.

#### NOTES:

- You can change the size of accessibility buttons, and set the transparency and fade-out of the buttons.
- You can access accessibility shortcuts from the lock screen by holding both ends of the Volume key. To enable this feature, open Settings > Features > Accessibility > Accessibility shortcuts and turn on the Shortcut from lock screen toggle switch.

## **Select to Speak**

You can select items on your screen and hear them read or described aloud with Select to Speak.

### Turn On Select to Speak

- Open Settings and touch Features > Accessibility > Select to Speak.
- Turn on the toggle switch for Select to Speak shortcut and follow the onscreen prompts.
- To change your shortcut, touch Select to Speak shortcut and tick the options you need.

## **Use Select to Speak**

- 1. Use your Select to Speak shortcut to start the feature.
- Touch a specific item on the screen; drag your finger across the screen to hear multiple items; touch to hear everything.

#### NOTES:

- When the player is open, use the buttons to pause, continue or stop the playing, and skip forward or backward.
- To set more options and get detailed help information, open Settings and touch Features > Accessibility > Select to Speak > Settings.

#### **Switch Access**

Switch Access lets you interact with your phone using one or more external switches or using facial gestures. Switch Access can be helpful if you can't interact directly with your phone.

- Open Settings and touch Features > Accessibility > Switch Access.
- Turn on the Use Switch Access toggle switch and follow the setup guide to add a switch.
- To change your shortcut, touch Switch Access shortcut and tick the options you need.

### NOTE:

To get detailed help information and configure Switch Access settings, open **Settings** and touch **Features > Accessibility > Switch Access > Settings**.

#### **TalkBack**

TalkBack provides spoken feedback so that you can use your phone without looking at the screen. This feature can be helpful for people who are blind or have low vision.

When TalkBack is on, items on the screen are outlined with a focus box, and the phone gives audio cues about what is on the screen. Instead of typical touch interactions, you can navigate the phone through TalkBack gestures.

#### Turn On TalkBack

- Open Settings and touch Features > Accessibility > TalkBack
- Turn on the Use TalkBack toggle switch and follow the onscreen prompts.

- or -

When you first power on your phone after you purchase it or reset it to factory settings, you can turn on TalkBack from the "Hi there" screen

- 1. On the "Hi there" screen, touch Vision settings > TalkBack.
- 2. Switch on Use TalkBack and follow the onscreen prompts.

#### NOTE:

You can use the TalkBack shortcut to turn on or off TalkBack. Just open Settings > Features > Accessibility > TalkBack and turn on the toggle switch for TalkBack shortcut. To change your shortcut, touch TalkBack shortcut and tick the options you need.

#### Use TalkBack

- To select an item, set the focus on that item by touching it with one finger and then double-tap with one finger to activate that item.
- Swipe right or left with one finger to move between items.
- To scroll up or down on the screen, drag up or down with two fingers.

 To check out and customize all available finger gestures for controlling the screen, open Settings and touch Features > Accessibility > TalkBack > Settings > Customize gestures.

#### NOTE:

To get detailed help information, open **Settings** and touch **Features > Accessibility > TalkBack > Settings > TalkBack** tutorial.

## 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 5 mm 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.



Avoid contact with anything magnetic.



Avoid extreme temperatures.



Keep away from pacemakers and other electronic medical devices



Avoid contact with liquids. Keep your phone dry.



Turn off when asked to in hospitals and medical facilities



To disassemble your phone, contact an authorized service provider or follow the repair instructions.



Turn off when told to on aircraft and at airports.



Only use compatible accessories.



Turn off when near explosive materials or liquids.



Don't rely on your phone as a primary device for emergency communications.



For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.

## Radio Frequency (RF) Energy

#### General Statement on RF Energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

## Specific Absorption Rate (SAR)

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the head was 1.654 W/kg\*, and when tested at the body was 1.631 W/kg\* with 5 mm distance. The limb (0 mm) SAR limit for mobile devices is 4 W/kg. The highest SAR value for this device when tested at the body with 0 mm distance was 3.438 W/kg\*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user manual\*\*.

As SAR is measured utilising the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to

the power level of the device to ensure it only uses the minimum power required to communicate with the network.

- \* The tests are carried out in accordance with EN 50360, EN 50566, EN 50663, EN 62209-1 and EN 62209-2.
- \*\* Please see body worn operation.

### **Body Worn Operation**

Important safety information regarding radio frequency radiation (RF) exposure:

To ensure compliance with RF exposure guidelines the phone must be used with a minimum of 5 mm separation from the body.

Failure to observe these instructions could result in your RF exposure exceeding the relevant guideline limits.

## Limiting Exposure to Radio Frequency (RF) Fields

For individuals concerned about limiting their exposure to RF fields, the World Health Organisation (WHO) provides the following advice:

Precautionary measures: Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If individuals are concerned, they might choose to limit their own or their children's RF exposure by limiting the length of calls, or using 'hands-free' devices to keep mobile phones away from the head and body.

Further information on this subject can be obtained from the WHO home page http://www.who.int/peh-emf (WHO Fact sheet 193: June 2000).

#### **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.
- To disassemble your phone, contact an authorized service provider or follow the repair instructions.
- Do not attempt to disassemble the phone 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 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!

To remove or replace the battery, contact an authorized service provider or follow the repair instructions. If the phone is not properly disassembled, it may cause personal injury and damage to the battery and phone.

- Do not place the device or the battery in or near heating equipment, such as microwave ovens, stoves or radiators.
   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 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 the manufacturer or an 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 compatible 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**

To disassemble your phone, contact an authorized service provider or follow the repair instructions. Do not attempt to disassemble the phone accessories. Only qualified personnel can service or repair the 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 aeroplane 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**

## **Petrol 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.

## **Disposal of Your Old Appliance**



- When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive 2012/19/EU.
- All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
- The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.

For this product's recycling information based on WEEE directive, please send an e-mail to weee@zte.com.cn

# UK PSTI Statements of Compliance

Hereby, ZTE Corporation declares that Z2468N is in compliance with The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023.

The full text of the UK PSTI Statements of Compliance is available at the following Internet address: https://certification.ztedevices.com

## EU DECLARATION OF CONFORMITY

( (

Hereby, ZTE Corporation declares that the radio equipment type Z2468N is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following Internet address: https://certification.ztedevices.com

The device is restricted to indoor use only when operating in the 5150 to 5250 MHz frequency range.

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

## **ErP Conformity**

If the packaging box includes a charger, it conforms to the Energy-related Product Directive (ErP) 2009/125/EC of the European Parliament and the Council.

The detailed ErP information is available on ZTE website https://certification.ztedevices.com.

## **Appendix**

 Weight range of the critical raw materials and environmentally relevant materials:

Cobalt in the b	Cobalt in the battery		□ 2~5 g	■ >5 g
Tantalum in capacitors		■ < 0.05 g	□ 0.05~0.2 g	□ > 0.2 g
Neodymium	in loud speaker	□ < 0.05 g	■ 0.05~0.2 g	□ > 0.2 g
	in vibration motor	■ < 0.05 g	□ 0.05~0.2 g	□ > 0.2 g
	in other magnets	■ < 0.05 g	□ 0.05~0.2 g	□ > 0.2 g
Gold		■ < 0.02 g	□ 0.02~0.1 g	□ > 0.1 g

 Percentage of recycled content for the phone or a part thereof:

▶ PC: 4.0%▶ Metal: 0.5%▶ Glass: 8.8%

► Aluminum alloy: 2.9%

► Battery: 30.5%

▶ Plastic+Metal: 7.1%▶ Copper+Plastic: 2.5%

▶ Plastic: 1.4%

▶ Metal+Plastic: 17.8%

► Copper: 0.2%

▶ Stainless steel: 2.9%

► PCB: 2.6%

Recyclability rate (R<sub>cyc</sub>): 81.2%

 Minimum battery endurance in number of cycles: 1000 cycles (80% power remaining)

 Your phone is rated IP68 & IP69 for dust and water resistance.