ZTE Blade A7 2020

User Manual

About This Manual

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

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Instructional Icons

NOTE	Additional information, supplementary instruction or tips for the operation of the product.
CAUTION	Safety information that, if ignored, may cause minor damage to the equipment or service interruption.

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

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Exciting New Features

Face Recognition

You can use your face to unlock the screen or to open the apps locked by Private Space. Your phone can automatically turn on the screen and recognize your face to unlock the screen each time you raise your phone.

Fingerprint Identification

With the fingerprint sensor on the back of your phone, you can register up to 5 fingerprints and use them to unlock the phone, access Private Space, or open a bound app when the screen is off or locked. You can also use other touch-controlled and swipe functions.

Split-Screen Mode

You can work with two apps at the same time in split-screen mode.

NOTE:

Not all apps support split-screen mode.

Private Space

Private Space allows you to encrypt your files, lock your apps and manage your account passwords. To access Private Space, you

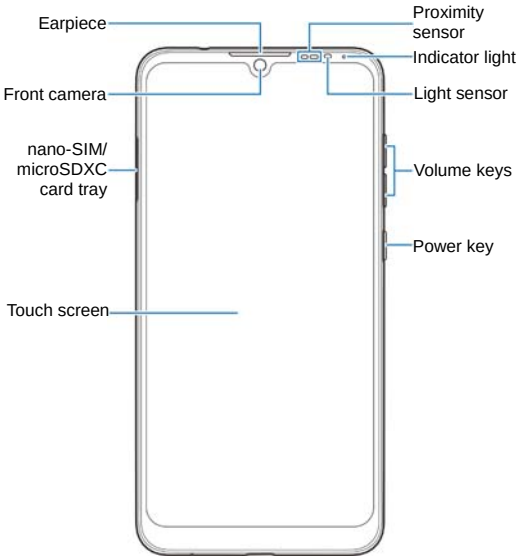
need to draw a pattern, enter a password, or use your registered fingerprint.

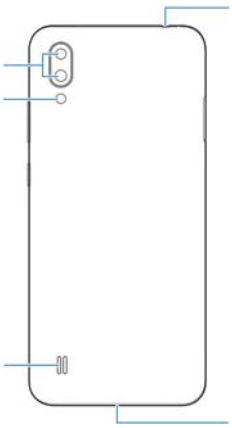
Camera Features

- **Wide-angle camera:** Take photos with a wider vision range. You can turn on distortion correction if necessary.
- **PORTRAIT mode:** Use PORTRAIT mode to focus on your subject with a depth effect and blur backgrounds.

Getting Started

Getting to Know Your Phone





Knowing the Keys

Key	Function
Power key	• Press and hold to turn on or off airplane mode, turn on or off vibration or sound, restart, or power off. • Press to turn off or on the screen display.
Volume keys	Press or hold the **Volume up/down** key to turn the volume up or down.

NOTE:
You can use virtual keys or gestures to navigate your phone, and three navigation styles are available. See *Setting the Navigation Style*.

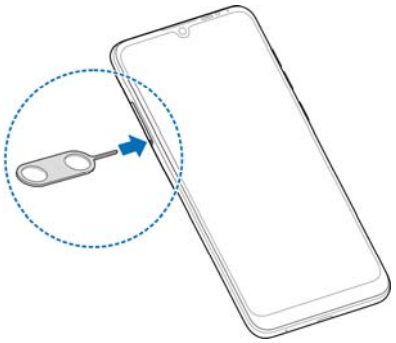
Setting Up Your Phone

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

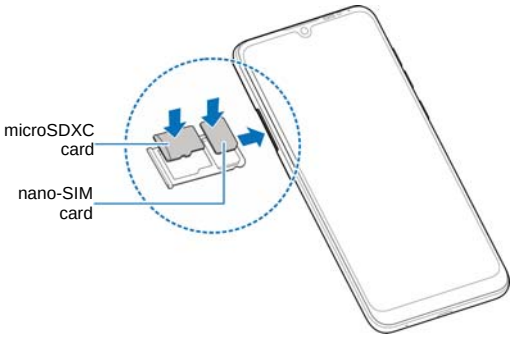
WARNING!

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

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



2. Pull out the card tray and place a nano-SIM card and a microSDXC card (optional) on the tray, as shown. Carefully slide the tray back into place.



Charging the Phone

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

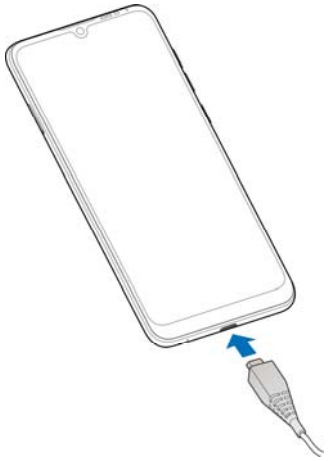
WARNING!

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

WARNING!

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

1. Connect the adapter to the charging jack. Do not force the connector into the jack.



2. Connect the charger to a standard AC power outlet. If the phone is on, you'll see a charging icon, such as or , appear on the status bar.

3. Disconnect the charger when the battery is fully charged.

NOTE:

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

Powering On/Off

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

NOTE:

If the screen freezes or takes too long to respond, try pressing and holding the **Power** key for about 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 field and follow the on-screen prompts to set up your phone.

Locking/Unlocking the Screen and Keys

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

To lock the screen and keys:

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

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

To unlock the screen and keys:

1. Press the **Power** key to turn the screen on.
2. Swipe up on the screen.

   - or -

   Swipe from to use the Google Assistant, or swipe from to open the camera.

   - or -

   Touch a notification twice consecutively to open the related app.

NOTE:
If you have set a face verification, a fingerprint, an unlock pattern,

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

Getting to Know the Home Screen

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

To add a new home screen panel:

1. Touch and hold an empty area of the home screen.
2. Swipe left through the home screen thumbnails until you see . Touch to create a new home screen panel.

To delete a home screen panel:

1. Touch and hold an empty area of the home screen. You can slide left or right to view the home screen thumbnails.
2. Touch on the top right corner of a thumbnail.
3. Touch **OK** if prompted. The items on the panel will also be removed.

To move a home screen panel:

1. Touch and hold an empty area of the home screen. You can slide left or right to view the home screen thumbnails.
2. Touch and hold a thumbnail and drag it left or right to the

place you need.

NOTE:

Touch at the top of a home screen thumbnail to set it as the main home screen.

Personalizing

Setting the Navigation Style

You can set the navigation style as normal navigation, swipe navigation or gesture navigation.

Use Normal Navigation

To enable normal navigation:

1. Open the app list and touch **Settings > Features > Navigation keys**.
2. Select **Normal**.

NOTE:

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

To use normal navigation:

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

- Touch twice to switch to the most recent application.
- Swipe up on the home screen to open the app list.

Use Swipe Navigation

To enable swipe navigation:

1. Open the app list and touch **Settings > Features > Navigation keys**.
2. Select **Swipe type**.

NOTE:

Touch beside **Swipe type** to change the navigation key layout.

To use swipe navigation:

- Touch (the **Home** key) to return to the home screen from any application or screen.
- Touch and hold (the **Home** key) to use the Google Assistant.
- Touch (the **Back** key) to go to the previous screen.
- Swipe up from the bottom of your screen to the top to open the app list.
- Swipe up from the bottom of your screen to the middle to see recently used apps.
- Swipe right along the navigation bar at the bottom of the screen to view recent apps. Then slide left and right to scroll the app cards and release to switch to the central app.

Use Gesture Navigation

To enable gesture navigation:

1. Open the app list and touch **Settings > Features > Navigation keys**.
2. Select **Gesture**.

NOTES:

- Touch ⚙ beside **Gesture** to enable or disable visual feedback for gesture navigation.
- The screen pinning feature is not available 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 inside from the left or right edge of your screen to go to the previous screen.
- Swipe up on the home screen to open the app list.
- Swipe up from the bottom left or bottom right of your screen to activate the Google Assistant.

Changing the System Language

1. Open the app list and touch **Settings > System >**

Languages & input > Languages. The first language in the list is the default system language.

2. Touch **Add a language** and then the language you need. Select the regional variant of the language if prompted.

3. Touch and hold a language and move it to the top to switch to that language.

NOTE:

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

Switching to Vibration or Silent Mode

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

- Press the **Volume up/down** key and then touch the icon above the slider to switch the phone to vibration or silent mode or turn on the sound.
- Press the **Volume up** key and the **Power** key at the same time to switch to vibration mode.
- 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 the app list and touch **Settings > Sound > Notification mode** and select **Vibrate** or **Mute** to switch to vibration or silent mode.

Using Do Not Disturb Mode

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

Turn On or Off Do Not Disturb Mode

1. Swipe down from the top of the screen with two fingers to access the Quick Settings.
2. Find and touch **Do not disturb**.

NOTE:
You can open the app list and touch **Settings > Apps & notifications > Notifications > Do Not Disturb** to access the Do Not Disturb setting screen.

Set What to Block or Allow

1. Swipe down from the top of the screen with two fingers to access the Quick Settings.
2. Touch and hold **Do not disturb**.
3. Under the Behavior section, choose what to block or allow.
   - **Sound & vibration:** Block or allow alarms, media, or touch sounds.
   - **Notifications:** Have no sounds from notifications, or no sounds and no visuals. Or set custom restrictions.

Set the Exceptions for Do Not Disturb Mode

1. Swipe down from the top of the screen with two fingers to access the Quick Settings.
2. Touch and hold **Do not disturb**.
3. Under the Exceptions section, touch **Calls** or **Messages, events & reminders** and choose what to allow.

Set How Long Do Not Disturb Mode Lasts

1. Swipe down from the top of the screen with two fingers to access the Quick Settings.
2. Touch and hold **Do not disturb**.
3. Touch **Duration** and set how long Do Not Disturb mode will stay on when you turn it on.

Set an Automatic Rule

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

1. Swipe down from the top of the screen with two fingers to access the Quick Settings.
2. Touch and hold **Do not disturb**.
3. Touch **Turn on automatically**.
4. Touch an existing rule to set it, or touch **Add rule** to create new rules.
5. At the top, check that your rule is turned on.

Choosing Your Wallpaper

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

1. Touch and hold an empty place on the home screen and then touch **WALLPAPERS**.
2. Swipe left or right on the wallpaper panel along the bottom of the screen to select a wallpaper, or touch **My photos** to select a picture and pan and zoom on it to select the area for the wallpaper.
3. Touch **SET WALLPAPER** and choose where the wallpaper should be used.

NOTE:

Alternatively, you can open the app list and touch **Settings > Display > Wallpaper** to set the wallpaper.

Using Night Light

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

1. Open the app list and touch **Settings > Display > Night Light**.
2. Touch **TURN ON NOW** to enable Night Light.

   - or -

   If you want to set a schedule when Night Light will be turned on automatically, touch **Schedule** and select an option.
3. Drag the slider below **Intensity** to adjust the eye protection

effect when Night Light is on.

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

Notification Icons

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

	New message(s) from the Messages app		New Wi-Fi network detected
	Missed call		Downloading data
	Call in progress		Sending data
	Call on hold		USB tethering on
	Song playing		microSDXC card mounted

Using Quick Settings

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

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

To turn on or off settings quickly:

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

To customize the Quick Settings panel:

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

1. Open the Quick Settings panel.

2. Touch at the bottom 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 tiles** section, drag a tile up to show it in the Quick Settings panel.

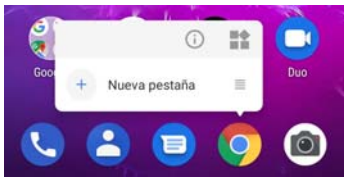
Using App Shortcuts

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 icon on the home screen or the app list screen.
2. From the displayed menu, touch the function you want to use in the app.

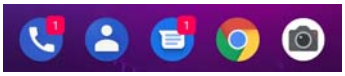


NOTES:

- You can also touch and hold a function from the displayed menu, and drag it to a home screen panel to create a shortcut of the function.
- To disable the app shortcuts feature, touch and hold an empty area of the home screen, touch **HOME SETTINGS** and then switch off **Long press app for menu options**.

Notification Dots

Some apps will display a dot when they have notifications. The notification dots appear on the app icons on both the home screen and the app list screen.



To turn on/off notification dots for all apps:

1. Open the app list and touch **Settings > Apps & notifications > Notifications**.
2. Touch the **Allow notification dots** switch to turn it on or off.

To turn on/off notification dots for specific apps:

1. Open the app list and touch **Settings > Apps & notifications > Notifications**.
2. Switch on **Allow notification dots**.
3. Touch ← at the top left and then touch **See all [number]**

apps.

4. Touch the app you want to customize.
5. Touch **Notifications > Advanced** and touch the **Allow notification dot** switch.

Opening and Switching Apps

Open an App

1. Open the app list to view apps.
2. Slide up or down on the screen and touch an app to open it.

NOTE:

Drag the slider on the right side of the screen to the initial letter of the app you need, or touch the search box at the top to search for apps.

Switch Between Recently Opened Apps

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

   NOTE:

   To view how to see recently used apps in different navigation styles, see *Setting the Navigation Style*.
2. Touch a card to open that app.

NOTE:

You can swipe a card up to remove it from the screen, which will

free up running memory on the phone.

Using Split-Screen Mode

You can work with two apps at the same time in split-screen mode.

NOTE:

Some apps may not support split-screen mode.

1. Open the first app you want to use and then open the recent apps list.
2. Touch the app icon at the top of the central card and select **Split screen**.
3. Swipe the rest of the cards and touch the second app you want to use. If the app is not among the cards, open the app list to select the app.

   NOTE:

   To view how to open the app list in different navigation styles, see *Setting the Navigation Style*.

To exit split-screen mode, drag the border separating the two apps to the top or bottom of the screen.

Security

Protecting Your Phone With Screen Locks

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

1. Open the app list and touch **Settings > Security & location > Screen lock**.
2. Touch **None**, **Swipe**, **Pattern**, **PIN** or **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 **Password** to set a numeric PIN or a password that you must enter to unlock the screen.
3. For Pattern, PIN, or Password lock, select whether to protect your phone by requiring your pattern, PIN or password before it starts up. Then follow the on-screen prompts to continue.

   NOTE:
   When this feature is enabled, your phone cannot receive calls,

messages, or notifications until it starts up.

4. For Pattern, PIN, or Password lock, select how you want notifications and their contents to show when the phone is locked. Then touch **DONE**.

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 on the back of your phone, you can register up to 5 fingerprints and use them to unlock the phone, access Private Space, or open a bound app when the screen is off or locked. You can also use other touch-controlled and swipe functions.

NOTES:

- The fingerprint feature is usable only when a screen lock (**Pattern**, **PIN**, or **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

1. Open the app list and touch **Settings > Security & location > Fingerprint > Fingerprint management**.
2. Enter the screen lock pattern, PIN or password you set. If you haven't set a screen lock, follow the prompts to set it.
3. Touch **REGISTER** or **Add fingerprint**.
4. Follow the prompts to record the centre and the edges of a finger.
5. Touch **OK**.

NOTE:

Touch an existing fingerprint record to change its name or delete it.

Set Fingerprint Functions

1. Open the app list and touch **Settings > Security & location > Fingerprint > Fingerprint management**.
2. Enter the screen lock pattern, PIN or password you set.
3. You can set the following options.
   - **Unlock your phone:** Unlock the phone with a registered fingerprint when the screen is off or locked.
   - **Access Private Space:** When this feature is enabled, you can access Private Space with a registered fingerprint. See *Private Space*.
   - **Quick launch app:** 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.

Set Touch-Controlled and Swipe Functions

1. Open the app list and touch **Settings > Security & location > Fingerprint**.
2. You can set the following options, for which no fingerprint verification is needed.
   - **Take photo:** Press the fingerprint sensor to take a photo when the Camera app is open.
   - **Answer call:** Press the fingerprint sensor to answer incoming calls.
   - **View notification drawer:** Swipe down on the fingerprint sensor to open the notification panel; swipe up to close it.
   - **View recent apps:** When viewing the home screen, swipe up on the fingerprint sensor for recent apps.

Using Face Recognition

You can use face recognition to unlock the screen or open the apps locked by Private Space.

NOTES:

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

Create a Face

1. Open the app list and touch **Settings > Security & location > Face Verify**.
2. Enter the screen lock pattern, PIN or password you set. If you have not set a screen lock, choose one backup screen lock method to set the screen lock pattern, PIN or password.
3. Read the disclaimer for face recognition and touch **ACCEPT**.
4. Check or uncheck **Turn on Raise to wake to improve user experience of face unlock**. If this option is enabled, your phone will turn on the screen and recognize your face to unlock the screen automatically each time you raise your phone and hold it to your face.
5. Touch **CREATE NOW** and follow the prompts to register your face.

Use Face Recognition to Unlock the Screen

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

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

   NOTE:

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

2. Put your face in front of the screen. If the face recognition fails, touch or swipe up on the screen to try again.

3. 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.

1. Open the app list and touch **Settings > Security & location > Face Verify**.
2. Enter the screen lock pattern, PIN or password you set.
3. You can set the following options.
   - **Unlock screen:** Select how the screen is unlocked with your face.
   - **Access App Lock:** If this option is enabled, you can use face recognition to open the apps locked by Private Space. See *Private Space*.
   - **Bright display:** If this option is enabled, the phone will increase screen brightness automatically in a dim light to help verify your face.
   - **Delete face data:** Delete your recorded face data.

Protecting Your Phone With Screen Pinning

You can use the screen pinning feature to keep an app in view, so others cannot switch to other apps or access your personal information.

Turn On Screen Pinning

1. Open the app list and touch **Settings > Security & location > Advanced > Screen pinning**.
2. Touch the **On/Off** switch.
3. To add security for unpinning, switch on **Lock device when unpinning** and set up a screen lock with or without fingerprint as prompted, or switch on **Ask for unlock pattern/PIN/ password before unpinning** if you've set a screen lock already.

Pin a Screen

1. Ensure that screen pinning is turned on.
2. Open the recent apps list. If the app you want to keep in view is not in recent apps, open it first.
3. Swipe left and right to find the app card. Then touch the app icon at the top of the card and select **Pin**.

Unpin the Screen

1. To unpin the screen and return to normal use, touch and hold both and for normal navigation; touch and hold both and for swipe navigation.
2. If screen lock is enabled for screen pinning, 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.

NOTE:

The screen pinning feature is not available for gesture navigation.

Connecting to Networks

Connecting to Mobile Networks

Control Mobile Data Use

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

Select Preferred Network Type

1. Open the app list and touch **Settings > Network & Internet > Mobile network**.
2. Touch **Advanced > Preferred network type** and select the type of network you prefer the phone to connect to.

Set Access Point Names

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

1. Open the app list and touch **Settings > Network & Internet > Mobile network**.
2. Touch **Advanced > Access Point Names** and then touch +.
3. Touch each item to enter the information you get from your service provider.

4. Touch ⋮ **> Save** to complete.

NOTE:

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

Connecting to Wi-Fi

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

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

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

NOTE:

Your phone automatically connects to previously used Wi-Fi networks when they are in range.

Connecting to Devices

Connecting to Bluetooth Devices

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

1. Open the app list and touch **Settings > Connected devices > Connection preferences > Bluetooth**.
2. Touch **Pair new device**. Your phone automatically scans for and displays the IDs of all available Bluetooth devices in range.
3. Touch the device you want to pair with.
4. If necessary, confirm that the Bluetooth passkeys are the same between the two devices and touch **PAIR**. Alternatively, enter a Bluetooth passkey and touch **PAIR**.

   Pairing is successfully completed when the other device accepts the connection or the same passkey is entered.

NOTE:

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

Connecting to Your Computer via USB

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

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

Connect Your Phone to a Computer via USB

1. Connect your phone to the computer with a USB cable.
2. The **Use USB for** options menu will automatically open, and you can choose one of the following options.
   - **File Transfer:** Transfer files on Windows® PC or Mac®.

     NOTE:
     For Windows XP, please install Media Player 11 (or later version) when you use File Transfer.
   - **PTP:** Transfer photos or files if File Transfer is not supported by your computer.
   - **Charge this device:** Charge your phone via USB.
   - **Install driver:** Install the driver needed for some USB connection modes (such as File Transfer). You only need to install the driver on the same PC once.

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

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 cable.

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 the app list and touch **Settings > Storage** and find the name of the device. Then touch ⏏ next to it.

Sharing Your Mobile Data Connection Through Tethering

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

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

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

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

Phone Calls

Placing Calls

Place a Call by Dialing

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

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

NOTE:

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

Place a Call From the Call History

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

1. From the home screen, touch **>** (in the top search field) **> Call history**.
2. Touch beside a listing to call back.

NOTE:

Touch **MISSED**, **INCOMING** or **OUTGOING** to filter the records by call type.

Call Your Contacts

1. From the home screen, touch **>** the tab to view all your contacts.
2. Touch a contact and then touch its number to make a call.

Answering or Rejecting Calls

Answer a Call

When you receive a phone call, swipe up on the screen to answer the call.

- or -

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

NOTE:

To silence the ringer before answering the call, press the **Volume up** key or the **Volume down** key.

Reject a Call

When you receive a phone call, swipe down on the screen to reject the call.

- or -

If the screen is unlocked, touch **DECLINE** to reject the call.

Using Options During a Call

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

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

- Touch to end the current call.

WARNING!

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

Managing Multi-party Calls

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

NOTE:

The call waiting and three-way 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:

- Swipe up on the screen to answer the call. This puts the first caller on hold and answers the second call.
- Swipe from at the bottom right to answer the call. This ends the first call and answers the second call.
- Swipe down on the screen to reject the second call.

To switch between two calls:

Touch .

Set Up a Conference Call

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

1. Place the first call.
2. Once you have established the connection, touch and dial the second number. This puts the first caller on hold.
3. When you're connected to the second party, touch .

If one of the people you called hangs up during the call, you and the remaining caller 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 or other accounts that support contact syncing.

To see your contacts, open the app list and touch **Contacts**.

Adding a New Contact

1. Open **Contacts**.
2. Touch to add a new contact.
3. Touch the account field above the name field to choose where to save the contact. If a sync account is selected, the contacts will be synced automatically with your account online.
4. Enter the contact name, phone numbers, email addresses, and other information. Touch **More fields** if necessary.
5. Touch **SAVE**.

Importing and Exporting Contacts

You can import/export contacts from/to your nano-SIM card, the phone storage or an installed microSDXC card. 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 ☰ **> Settings > Import > Import from [nano-SIM card name]**.
3. Check the contacts you need and then touch ⬇.

Import Contacts From the Phone Storage or the microSDXC Card

1. Open **Contacts**.
2. Touch ☰ **> Settings > Import > .vcf file**.
3. Touch ☰ and find the vCard file(s) on the phone storage or microSDXC card and touch one to import contacts.

NOTE:

Touch ⋮ **> Show internal storage** if needed to find your vCard file(s).

Export Contacts to the nano-SIM Card

1. Open **Contacts**.
2. Touch ☰ **> Settings > Export > Export to SIM card**.
3. Check the contacts you need and then touch ⬆.

Export Contacts to the Phone Storage or the microSDXC Card

1. Open **Contacts**.
2. Touch ☰ **> Settings > Export > Export to .vcf file**.
3. Touch ☰ and select the directory in which the vCard file will be saved. Touch ⋮ **> Show internal storage** if needed.
4. 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.

1. Open **Contacts**.
2. Touch a contact you want to set a ringtone for and then touch ✎.
3. Touch **More fields > Default ringtone**.

   NOTE:
   The contact must be saved on the phone, not the nano-SIM card.
4. Select a ringtone you like and touch **OK**.
5. Touch **SAVE**.

Joining Duplicate Contacts

As your phone synchronizes with multiple online accounts, you

may see duplicate entries for the same contact. You can merge all the separate information of a contact into one entry in the Contacts list.

1. Open **Contacts**.
2. Touch a contact, and then touch **> Link**.
3. Touch the contact whose information you want to join with the first entry.

   The information from the second contact is added to the first contact, and the second contact will no longer be displayed in the contacts list.
4. To join another contact to the main contact, touch **> View linked contacts > ADD**.

Separating Contact Information

If contact information from different sources was joined in error, you can separate the information back into individual contacts on your phone.

1. Open **Contacts**.
2. Touch a joint contact you want to separate.
3. Touch **> View linked contacts > UNLINK**.
4. Touch **UNLINK** to confirm.

Setting Call Blocking

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

1. Open **Contacts**.
2. Touch > **Settings > Blocked numbers**.
3. Touch **ADD A NUMBER**.
4. Enter a phone number or touch to select a number from the contact list.
5. Touch **BLOCK**.

NOTE:

To unblock a number, touch next to the number and touch **UNBLOCK**.

Messages

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

Sending a Message

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

NOTES:

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

Message Options

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

- Touch to archive the thread. You can touch > **Archived** from the Messages screen to find all archived messages.
- Touch **> Delete** to delete the thread.
- Touch to add the new number in the thread to your contacts.
- Touch **> OK** to block the contact or number in the thread, and the thread will be archived. You can touch > **Blocked contacts** from the Messages screen to find all blocked numbers.

NOTE:

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

Web Browser

Opening the Browser

Open the app list and touch **Browser** to launch the web browser.

To open a web page or search the web:

1. Open the **Browser** app.
2. Touch the address box at the top of the web page.
3. Enter the address (URL) of a web page or enter terms you want to search for.
4. Touch a URL or search suggestion or touch the enter key on the keyboard to open the web page or search results.

NOTE:

Touch in the address box if you want to stop opening the page.

Using Multiple Browser Tabs

You can open several web pages at the same time (one page in each tab) and switch between them freely.

To open a new browser tab:

Touch 1 at the bottom and then touch +. A new browser tab opens.

To switch between tabs:

1. Touch 2 (the number shows how many tabs you have opened).
2. Swipe left or right to view all opened tabs.
3. Touch the thumbnail of the tab you want to open.

NOTE:
Swipe a thumbnail up or down or touch its × to close the tab.

Changing Browser Settings

You can configure a number of settings to customise the way you browse the web. To open the Browser settings screen, touch ☰ > ⚙.

Camera

Capturing a Photo

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

Number	Function
1	Use the filter.
2	Use auto-beauty mode or customize the personal options to beautify faces in the picture.
3	Change the flash setting.
4	Change the HDR setting.

Number	Function
5	Change the camera settings.
6	View pictures and videos you have taken.
7	Capture a picture.
8	Switch between the front and back cameras.
9	Swipe left or right to switch among the default PHOTO mode, VIDEO mode, WIDE (wide-angle camera) mode, and PORTRAIT mode. Touch **MORE** to use other special photo or video camera modes: MANUAL, PANORAMA and TIMELAPSE.

WARNING!

Keep a safe distance when using the flash. Do not point the flash towards the eyes of people or animals.

NOTE:

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

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

   NOTE:

   In PHOTO (auto camera) mode, when you touch the screen to focus and the exposure bar appears beside the focal point, you can drag up or down to adjust the exposure.

4. Lightly touch .

Recording a Video

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

NOTES:

- You can spread or pinch on the screen to zoom in or out before and during recording.
- When you touch the screen to focus, the exposure bar appears beside the focal point. You can drag up or down to adjust the exposure. Touch and hold the focal point to lock the focus.
- To capture time lapse videos with the back camera, touch **MORE > TIMELAPSE**.

Using Wide-Angle Camera Mode

You can use the wide-angle camera to take photos with a wider vision range.

1. Open the app list and touch **Camera**.
2. Touch **WIDE**.
3. Touch to turn on distortion correction if necessary.
4. Touch to take the photo.

NOTE:

You cannot touch the viewfinder screen to focus in this mode.

Using PORTRAIT Mode

You can use PORTRAIT mode to focus on your subject with a depth effect and blur backgrounds.

1. Open the app list and touch **Camera**.
2. Touch **PORTRAIT**.
3. Aim the camera at the subject and make any necessary adjustments.
4. Touch to take the photo.

Using Manual Camera Mode

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

etc.

1. Open the app list and touch **Camera**.
2. Touch **MORE > MANUAL**.
3. Aim the camera at the subject and you can make the following adjustments.
   - Drag the blue square to any area on the screen that you want to focus on. Touch and hold it to lock or unlock the focus.
   - Drag the yellow circle to any area on the screen where you want the camera to meter exposure so as to adjust the photo brightness. Touch and hold the circle to lock or unlock exposure.
   - Touch the camera option icons and use the slider to adjust them, including ISO, overall exposure, white balance, and interval for time lapse pictures.
4. Touch to take the photo.

Using Other Camera Modes

Your camera app offers other powerful and interesting camera modes.

- **PANORAMA:** Capture panoramic photos both horizontally and vertically.
- **TIMELAPSE:** Set the time interval between each frame when you shot time lapse videos.

NOTE:
These camera modes are only available for the back camera.

Photos

Opening Photos

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

NOTE:
You can touch **> Help & feedback** to get detailed help information about Google Photos.

Sharing Your Photos or Videos

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

Deleting Unwanted Photos or Videos

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

NOTE:

Items in the trash will be removed after 60 days.

Restoring a Photo or Video

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

FM Radio

Scanning for Channels

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

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

Listening to FM Radio

1. Open **FM Radio** while the headset is connected.
2. Touch ⋮ **> All channels** and select a channel.

You can also drag the red line along the frequency panel or touch 〈 or 〉 to switch to other channels.

NOTES:

- Touch ☆ to add the channel to favourites.
- Touch 🔇 to listen to the radio through the phone speaker.

Voice Recorder

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

Recording a Voice Memo

1. Open the app list and touch **Voice Recorder**.
2. Touch to select the audio format of the recording.
3. Touch to start recording. During recording, you can do the following:
   - Touch or to pause or continue the recording.
   - Touch or to add a time tag or photo tag to the recording.
   - Touch an added time tag to attach a picture or add text.
4. Touch **DONE** to stop recording.
5. Edit the file name and touch **SAVE** to save the recording.

If you don't want to save the memo after recording it, touch **DELETE > DELETE** to delete it.

Playing a Voice Memo

1. Touch at the top right of the screen to see all recordings.

2. Touch the title of a memo to play it. During the playing, you can touch **View tag** to view all tags, touch or to add a time tag or photo tag, or touch and hold a tag to delete it.

Trimming a Voice Memo

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

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 the app list and touch **Private Space**.
2. Touch **SETUP PASSWORD**.
3. 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:

   The pattern and password are different from the screen lock pattern and password.
4. 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.

5. If you have registered a fingerprint in your phone, the phone will prompt you to use your fingerprint to access Private Space. Touch **OK** to confirm.

Encrypting Pictures/Videos/Files

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

1. Open the app list and touch **Private Space**.
2. Enter the lock pattern, password or fingerprint you set.
3. Touch **Pictures**, **Videos** or **Files**.
4. Touch + to add pictures, videos, or files from your phone storage or the microSDXC card. 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, password or fingerprint you set before using that app. You can also use face recognition to open the locked apps. See *Set Face Recognition Options*.

1. Open the app list and touch **Private Space**.

2. Enter the lock pattern, password or fingerprint you set.
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 **App lock** 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 the app list and touch **Private Space**.
2. Enter the lock pattern, password or fingerprint you set.
3. 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 the app list and touch **Private Space**.
2. Enter the lock pattern, password or fingerprint you set.
3. Touch and set the following options.
   - **Password manager:**
     - **Login type:** Select pattern or password as the login type to access Private Space and the locked apps.
     - **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 phone vibrates or whether the pattern is visible when you draw the lock pattern.
- **Fingerprint access Private Space:** Set whether to use the fingerprint you set to access Private Space and 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

Open the app list and touch **Settings**. The **Settings** app contains most of the tools for customising and configuring your phone.

Network & Internet

Wi-Fi

Open **Settings** and touch **Network & Internet > Wi-Fi**. You can turn Wi-Fi on or off and configure your Wi-Fi connections. See *Connecting to Wi-Fi*.

Mobile Network

Open **Settings** and touch **Network & Internet > Mobile network** to control mobile data and data roaming, set network type, and set access point names and other network options. See *Connecting to Mobile Networks*.

Data Usage

Open **Settings** and touch **Network & Internet > Data usage** to check and manage mobile data use. You can view Wi-Fi data usage as well. Touch **Data Saver** to enable or disable it, which prevents apps from using data connection in the background. Apps you're currently using can access data, but may do so less frequently when Data Saver is enabled. You can touch

Unrestricted data to allow some apps to always have data connection access, even when Data Saver is enabled.

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

Hotspot & Tethering

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

Airplane Mode

Open **Settings** and touch **Network & Internet > 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.

Call Settings

Open **Settings** and touch **Network & Internet > Advanced > Call settings** to configure calling options.

VPN

Open **Settings** and touch **Network & Internet > Advanced > VPN** to set up and connect to virtual private networks.

Private DNS

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.

By default, your phone uses Private DNS with all networks that can use Private DNS. We recommend keeping Private DNS turned on.

Open **Settings** and touch **Network & Internet > Advanced > Private DNS** to turn Private DNS on or off, or change its settings.

Connected Devices

Open **Settings** and touch **Connected devices > Connection preferences > Bluetooth**. You can turn Bluetooth on or off and configure your Bluetooth connections. See *Connecting to Bluetooth Devices*.

You can also touch **Connected devices > Connection preferences > Printing** to use the default printing service or other printer plug-ins installed from the Google Play Store or your printer manufacturer for wireless printing.

Apps & Notifications

App Info

Open **Settings** and touch **Apps & notifications** to see recently opened apps or all apps installed on your phone and manage

them. Touch an app to see its information and configure the available options.

Screen Time

Open **Settings** and touch **Apps & notifications > 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.

Notifications

Open **Settings** and touch **Apps & notifications > Notifications** to manage app notifications.

Default Apps

Open **Settings** and touch **Apps & notifications > Advanced > Default apps** to select the default app for voice assistant and input, 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, and clear the app's defaults.

App Permissions

Open **Settings** and touch **Apps & notifications > Advanced > App permissions** to check what 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.

Emergency Alerts

Open **Settings** and touch **Apps & notifications > Advanced > Emergency alerts** to configure the emergency broadcast notifications.

Special App Access

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

Features

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

- **Navigation keys:** Set the navigation style as normal navigation, swipe navigation or gesture navigation. See *Setting the Navigation Style*.
- **Record screen:** Set the video quality and the touch interaction option for screen recording.

  NOTE:

  To record the screen and save it as a video, swipe down the status bar with two fingers and touch **Record screen** in the Quick Settings panel, touch or to mute or unmute the recording, and then touch to start recording and

or ■ to pause or stop.

- **Z-POP:** While Z-POP is on, a floating bubble appears on the edge of the screen. You can drag the bubble to reveal navigation operations. Touch **Custom button** to customize the default and expanded buttons.
- **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.

Battery

Open **Settings** and touch **Battery** to view the battery level, check what has been using the battery, enable different battery saving modes, or optimise apps automatically to improve battery life.

Display

Open **Settings** and touch **Display** to configure the display options, including brightness level, Night Light, wallpaper, screen sleep time, auto-rotate screen, font size, etc.

Sound

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

Storage

Open **Settings** and touch **Storage** to view the memory information of the internal phone storage and the microSDXC card (if one is installed).

- **Saving location:** When a microSDXC card is installed, you can select **Phone** or **SD card** as the default location for new data.
- **Device storage:** Touch **Internal shared storage** to get a detailed breakdown of space usage by type.
- **Portable storage:** Safely mount, unmount (eject), and format your microSDXC card. If you need to store large applications, games, and their data in your microSDXC card, you can format the card and use it as part of the device storage.

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

Security & Location

Open **Settings** and touch **Security & location** to configure options that help keep your phone and data safe, and manage location services, which help your phone and apps determine your location.

- **Google Play Protect:** Google Play Protect regularly checks your apps and phone for harmful behaviour and warns you about any detected potential harm.
- **Find My Device:** Use Find My Device to locate, lock, or wipe your lost device remotely. The lost device must be signed in to a Google account.
- **Security update:** Check for security update of your system.
- **Screen lock:** Disable the screen lock or enable it with swipe, pattern, PIN, or password. See *Protecting Your Phone With Screen Locks*.

  Touch beside **Screen lock** to set its options.
- **Lock screen preferences:** Choose how notifications show, allow adding users from the lock screen, set whether to have a message on your lock screen, and show the lockdown option.
- **Fingerprint:** Set up to 5 fingerprints and enable them to unlock the phone, quickly open a selected app, or access Private Space. Enable the touch-controlled and swipe functions of the fingerprint sensor. See *Using Your Fingerprint*.
- **Face Verify:** Use face recognition to unlock the screen or

open the apps locked by Private Space. See *Using Face Recognition*.

- **Smart Lock:** Keep the phone unlocked when connected to trusted devices, in trusted places, or unlocked when your phone is being carried on the body.

  NOTE:

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

- **Location:** 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.
- **Show passwords:** Display passwords as you enter them.
- **Device admin apps:** View or deactivate apps you have authorised to be device administrators.
- **SIM card lock:**
  - **Lock SIM card:** 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.
- **Screen pinning:** Keep a screen of your choice in view, so that others cannot switch to other apps and access your personal information. See *Protecting Your Phone With Screen Pinning*.

Accounts

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

Accessibility

Open **Settings** and touch **Accessibility** to configure accessibility plug-ins and services on your phone, such as using **Color inversion** or **Display size** for users with sight problems.

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. For example, you can set app timers and schedule display changes.

NOTE:

You can also manage your child's account if you are the default parent account on your child's device.

- **Dashboard:** 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.
- **Wind Down:** Schedule changes to help you get ready for sleep, like dimming your display and stopping notifications.
- **Reduce interruptions:** Change related options from your Digital Wellbeing settings.

Google

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

System

Languages & Input

Open **Settings** and touch **System > Languages & input** to configure options related to system language, input methods and assistance, speech output as well as mouse/trackpad input.

Date & Time

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

Backup

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

Reset Options

Open **Settings** and touch **System > Reset options** to reset network settings, app preferences, or the phone to factory default status.

Multiple Users

Open **Settings** and touch **System > Advanced > Multiple users** to manage the user accounts of your phone.

You can share your phone with other people by creating additional user accounts. Each user with a separate account has his/her own storage space, wallpaper, screen lock and so on. Users can also adjust phone settings like Wi-Fi that affect everyone and update apps for all other users.

By default, a Guest account is available for anyone who needs

to use your phone temporarily. You can touch **Add user** to create more user accounts.

If you want users to add more users when the phone is locked, switch on **Add users from lock screen**. Anyone can then open the Quick Settings panel from the lock screen and touch **> Add user** to create new user accounts.

NOTES:

- Touch next to an account to configure its options.
- When a guest user has finished using your phone, he/she can touch **Remove guest** in the **Multiple users** menu to delete all his/her data from your phone.

System Update

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

About Phone

Open **Settings** and touch **System > Advanced > About phone** to view phone number, nano-SIM card status, legal information, and other information. You can also touch **Emergency information** to edit your medical information and emergency contacts for first responders to read from your lock screen.

For Your Safety

General Safety

	Don’t make or receive handheld calls while driving. Never text while driving.		Don’t use at gas stations.
	Keep your phone at least 10 mm 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.		Do not attempt to disassemble your phone.
	Turn off when told to on aircraft and at airports.		Only use approved 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.		

FCC RF Exposure Information (SAR)

This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the United States.

During SAR testing, this device was set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage against the head with no separation, and near the body with the separation of 0.4 inches (10 mm). Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The exposure standard for wireless devices employing a unit of measurement is known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.

This device is complied with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1992 and had been tested in accordance with the measurement methods and procedures specified in IEEE1528.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can

be found under the Display Grant section of **www.fcc.gov/oet/ea/fccid** after searching on **FCC ID: SRQ-BLADEA72020**. The FCC ID also can be found on the device when you touch **Settings > System > About phone**

For this device, the highest reported SAR value for usage against the head is **0.269W/kg**, and for usage near the body is 1.143**W/kg**.

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

SAR compliance for body-worn operation is based on a separation distance of 0.4 inches (10 mm) between the unit and the human body. Carry this device at least 0.4 inches (10 mm) away from your body to ensure RF exposure level compliant or lower to the reported level. To support body-worn operation, choose the belt clips or holsters, which do not contain metallic components, to maintain a separation of 0.4 inches (10 mm) between this device and your body.

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

FCC Regulations

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may

cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

CAUTION:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Distractions

Driving

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

Operating Machinery

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

Product Handling

General Statement on Handling and Use

You alone are responsible for how you use your phone and any consequences of its use.
You must always switch off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.

- Always treat your phone and its accessories with care and keep them in a clean place.
- Keep the screen and camera lens clean. An unclean screen or camera lens may slow down the phone's reaction to your

operations or interfere with the image quality.

- Clean your phone and its accessories with a soft material such as cleaning cloth for eyeglass lenses. Do not use alcohol or other corrosive substances for cleaning or allow them to get inside.
- Do not expose your phone or its accessories to open flames or lit tobacco products.
- Do not expose your phone or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your phone or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the phone or its accessories.
- Do not paint your phone or its accessories.
- Do not attempt to disassemble your phone or its accessories. Only authorized personnel can do so.
- Do not place your phone inside or near heating equipment or high-pressure containers, such as water heaters, microwave ovens, or hot cooking utensils. Otherwise, your phone may be damaged.

- Please check local regulations for disposal of electronic products.
- Do not carry your phone in your back pocket as it could break

when you sit down.

Battery Safety

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

WARNING!

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

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

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

Small Children

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

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

Demagnetization

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

Electrostatic Discharge (ESD)

Do not touch the metallic connectors of the nano-SIM card and the microSDXC 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 during normal use.

Electrical Safety

Accessories

Use only approved accessories.

Do not connect with incompatible products or accessories.

Take care not to allow metal objects, such as coins or key rings,

to contact or short-circuit the charging jack. Never puncture the surface of the phone with sharp objects.

Connection to Vehicles

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

Faulty and Damaged Products

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

Radio Frequency Interference

General Statement on Interference

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

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

Pacemakers

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

Hearing Aids

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

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

Medical Equipment

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

Aircraft

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

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

Interference in Vehicles

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

Explosive Environments

Gas Stations and Explosive Atmospheres

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

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

Blasting Caps and Areas

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