

**ZTE Blade A5 2020**

**User Manual**

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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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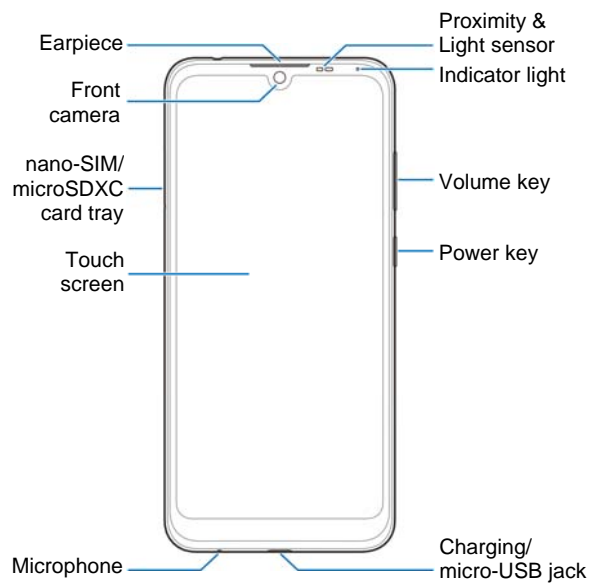
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# Getting Started

## Overview



\* Supports CTIA headsets only.

## Knowing the Keys

Key	Function
Power key	<ul style="list-style-type: none"><li>• Press and hold to turn on or off airplane mode, switch audio profiles, restart or power off.</li><li>• Press to turn off or on the screen display.</li></ul>
Volume key	Press or hold to turn the volume up or down.
 (Home key)	<ul style="list-style-type: none"><li>• Touch to return to the home screen from any application or screen.</li><li>• Touch and hold to use the Google Assistant.</li></ul>
 (Back key)	Touch to go to the previous screen.
 Recent apps key	Touch to see recently used apps.

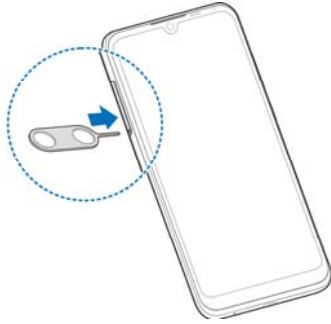
## Installing the nano-SIM Cards and the microSDXC™ Card (Optional)

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

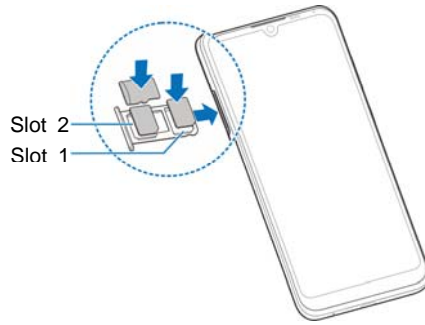
### **WARNING!**

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 in slot 1 and a microSDXC card (optional) or a nano-SIM card in slot 2, as shown. Carefully slide the tray back into place.



**NOTE:**

When two nano-SIM cards are installed, both cards can connect to the 4G, 3G or 2G network, and either card can be used for mobile data.

## Charging the Phone

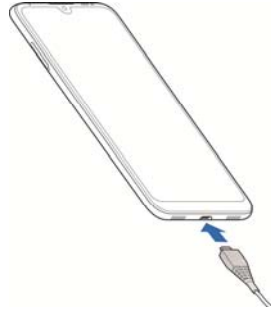
Your phone's battery should have enough power for the phone to turn on, find a signal, and make a few calls. You should fully charge the battery as soon as possible.

**⚠ 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.**



 **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 switch it off, press and hold the **Power** key to open the options menu and touch **Power off > Touch to power off**.

 **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.

Touch the language field to select the language you want to use and then touch **START**. If you have installed two nano-SIM cards, select the card for mobile data, calls, or messages. Then follow the prompts to set up Wi-Fi, Date & time, and Google Services, and activate protection features.

## Knowing the Home Screen

The home screen is the starting point for your phone's applications, functions, and menus. You can customize your home screen by adding widgets, setting wallpaper and more.



### Choosing Your Wallpaper


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

1. Touch and hold on an empty area of the home screen and touch **WALLPAPERS**.
2. Touch **My photos** to select a picture and use it as the wallpaper. Or select a built-in static picture to set as wallpaper.
3. Touch **SET WALLPAPER**.
4. Choose where the wallpaper should be used by touching **Home screen**, **Lock screen**, or **Home screen and lock screen**.


 **NOTE:**

You can also set the wallpaper by opening the **Settings** app and selecting **Display > Advanced > Wallpaper**.

## Removing Items From Your Home Screen

1. Touch and hold the item you want to delete.
2. Drag it to  **Remove** to delete it.


### **NOTE:**

If the item is an app icon, you may also drag it to  **Uninstall** and touch **OK** to uninstall the app. Some preinstalled apps cannot be uninstalled.


## Using Do Not Disturb Mode

You can limit interruptions with Do Not Disturb mode. This mode silences your phone so that it doesn't make sounds or vibrate when you don't want it to.

### Turn on 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**) to turn on Do Not Disturb mode.

## Set Do Not Disturb Mode



















1. From the home screen touch  > **Apps & notifications > Notifications > Do Not Disturb.**
2. Touch and set the following options as you need:
  - **Sound & vibration:** When Do Not Disturb mode is on, sound and vibration will be muted, except for the items (**Alarms, Media** or **Touch sounds**) you allow.
  - **Notifications:** Set notification behavior in Do Not Disturb mode. You can block sound or visuals from notifications, or customize more restrictions. Note that critical notifications for phone activity and status cannot be blocked.
  - **Calls:** When Do Not Disturb mode is on, incoming calls are blocked. You can adjust settings to allow your friends, family or other contacts to reach you.
  - **Messages, events & reminders:** When Do Not Disturb mode is on, messages, reminders and events will be muted, except for the items (**Allow messages, Allow reminders, or Allow events**) you allow. You can adjust messages settings to allow your friends, family or other contacts to reach you.

- **Duration: Until you turn off** means that Do Not Disturb mode is always on until you turn off it manually. Touch **+** or **-** to set the duration time for Do Not Disturb mode. If you choose **Ask every time**, you need to choose **Until you turn off** or the duration time for Do Not Disturb mode when you turn on Do Not Disturb mode.
- **Turn on automatically:** Touch an existing rule to set, or touch **Add rule** to create new rules.

## Knowing the Basics

### Monitoring the Phone Status









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

## Managing Notifications

### 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 SMS/MMS		Call in progress
	Song playing		Call on hold
	USB tethering on		Missed call
	microSDXC card mounted		Open Wi-Fi network detected

### Open/Close the Notification Panel

Notifications report the arrival of new messages, calendar events, and alarms, as well as ongoing events, such as when are playing music. You can open the notification panel to view the details of notifications.

- To open the notification panel, swipe your finger down from the top of the screen.

- To close the notification panel, swipe your finger up on the screen or touch the **Back** key.

## 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 **Drag here to remove** section to hide it.
- In the **Hold and drag to add tiles** section, drag a tile up to show it in the Quick Settings panel.

## Opening and Switching Apps

### Open an App

1. Swipe up from the home screen 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. Touch the **Recent apps** key. The apps you've used recently are displayed as a series of cards. Slide left and right to see all the cards.
2. Touch a card to open that app.



 **NOTES:**

- You can swipe a card up to remove it from the screen, which will free up running memory on the phone.
- Double-tap the **Recent apps** key to switch to the most recent app.

## 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 touch the **Recent apps** key to view recent apps.
2. Touch and hold 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, touch the **Home** key and swipe up to select the app.

To exit split-screen mode, drag the border separating the two apps to the top or bottom of the screen. The expanding app will be kept in full screen.


### Protecting Your Phone With Screen Locks

1. From the home screen touch  > **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.

### 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. From the home screen touch  > **Security & location** > **Advanced** > **Screen pinning**.
2. Touch the **Off** switch.
3. To add security for unpinning, switch on **Lock device when unpinning** and set up a screen lock 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 app you want to keep in view.
3. Touch the **Recent apps** key.
4. 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

To unpin the screen and return to normal use, touch and hold the **Back** key and the **Recent apps** key.

If you have asked for the unlock pattern, PIN or password before unpinning the screen, swipe up on the lock screen and draw the pattern or enter the PIN/password.


## Using Face Recognition

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

### **NOTE:**


The security strength of face recognition is lower than that of password or pattern.

### Create a Face

1. From the home screen touch  > **Security & location** > **Face Verify**.
2. If you have not set a screen lock, choose one backup screen lock method to set the screen lock pattern, PIN, or password. If you have already set a screen lock, draw the pattern or enter the PIN/password.
3. Read the disclaimer for face recognition and touch **ACCEPT**.
4. Touch **CREATE NOW**.
5. Keep your face 20 cm to 50 cm away from the screen. Wait for a moment until the phone has created the face successfully.


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

## Set Face Recognition Options

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

1. From the home screen touch  > **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 apps locked by 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:** Touch this option and select **DELETE** to delete recorded face data.

## Connecting to Networks


### Connecting to Mobile Network

#### Manage the nano-SIM Cards

When two nano-SIM cards are installed, you can turn on or

off one of the cards, or choose the default card for calls, data, and messages.


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

1. From the home screen touch  > **Network & Internet** > **SIM cards**.
2. Touch the on/off switch next to a card.

 **NOTE:**




You can touch a card name to edit the card name, change its colour, and view the carrier and number of the card.

**To set the default card for calling, messaging and data connection:**


1. From the home screen touch  > **Network & Internet** > **SIM cards**.
2. Touch **Mobile data**, **Calls** or **Messages** below **Preferred SIM for** and select a card as the default.

**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. From the home screen touch  > **Network & Internet** > **Mobile network**.
2. Touch a card tab at the top if two nano-SIM cards are installed.
3. Touch **Advanced** > **Access Point Names** >  (on the top of the screen).
4. Touch each item to enter the information you get from your service provider.
5. Touch  > **Save** to complete.

 **NOTE:**

To set the APN to default settings, on the **APNs** screen touch  > **Reset to default** > **OK**.

### Control Mobile Data Use


1. From the home screen touch  > **Network & Internet** > **Data usage**.
2. Touch the **Mobile data** switch to enable or disable mobile data use.



## 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. From the home screen touch  > **Network & Internet** > **Wi-Fi**.
2. Slide the **Use Wi-Fi** switch to the **On** position to turn it on.
3. Touch a 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

### Bluetooth®

Bluetooth is a short-range wireless communication technology. Phones or other devices with Bluetooth capabilities can exchange information wirelessly within a

distance of about 10 meters (32.8 feet). The Bluetooth devices must be paired before communication is performed.

1. From the home screen touch  > **Connected devices** > **Pair new device**. Your phone automatically scans for and displays the IDs of all available Bluetooth devices in range.
2. Touch the device you want to pair with.
3. 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 a 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 the Computer

1. Connect your phone to a PC 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.
  - **USB tethering:** Share your phone's Internet connection via USB.
  - **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.

## **Sharing Your Mobile Data Connection**

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.

1. From the home screen touch  > **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  or  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, send a message, block number, view call details, or add a number to your contacts.



1. From the home screen, touch  > .
2. Touch  next to an entry in the call history list to call back.
3. Select the nano-SIM card you want to use for the call.

### Place a Call from a Text Message

If a text message contains a phone number that you want to call, you can make the call while viewing the text message.

1. From the home screen, touch .
2. Touch the conversation and then find the message that contains the phone number you need.
3. Touch the number and then touch  or .

### Call Your Contacts

1. From the home screen, touch .
2. Touch  next to a contact in the list to place the call.
3. Select the nano-SIM card you want to use for the 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 either end of the **Volume** key.

### Reject a Call

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

You can also swipe from  at the bottom left 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, or touch **MESSAGE** to reject the call and select a preset text message or edit one to send to the caller.

### Call Options

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



- Touch  to make another call separately from the first call, which is put on hold.
- Touch  to put the call on hold.
- Touch  to go to **Contacts**.
- 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 turn on or off the speaker.
- 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.

### Call Settings

Call settings let you set speed dial, send a message to quick



responses, set call settings, set blocked numbers, set voicemail, and other settings.

1. From the home screen, touch .
2. Touch  next to **Search contacts** box.
3. Touch **Settings**.



## Contacts

You can add contacts on your phone and synchronize them with the contacts in your accounts that support contact syncing. You can view and add contact information directly from Phone and message applications.

## Creating a Contact

1. From the home screen, touch .
2. Touch  to add a contact.
3. Enter the contact name, phone numbers, email addresses, and other information.
4. Touch **SAVE**.



## Searching for a Contact

1. From the home screen, touch .
2. Touch  at the top of the screen.
3. Input the contact name or any information the contact has to search for it. The contacts matched will be listed.



## Importing and Exporting Contacts

You can import/export contacts from/to your nano-SIM cards, 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 Cards

1. Open **Contacts**.
2. Touch  > **Settings** > **Import** > **Import from [card name]**.
3. Check the contacts you need and then touch .
4. If prompted, touch the account you want to import the contacts to.



## Import Contacts From the Phone Storage or the microSDXC Card

1. Open **Contacts**.
2. Touch  > **Settings** > **Import** > **.vcf file**.
3. If prompted, touch the account you want to import the contacts to.
4. 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 Cards

1. Open **Contacts**.
2. Touch  > **Settings** > **Export** > **Export to [card name]**.
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**.
4. Select a ringtone you like and touch **OK**.

 **NOTE:**



Touch **Add ringtone** at the bottom of the ringtone list to select an audio file on the phone or an installed microSDXC card. Touch  to switch directories.

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 is no longer 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** to add specific numbers you want to block.

 **NOTE:**





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




## Messages

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

### Sending a Message

1. From the home screen, touch .
2. On the **Messages** screen, touch **Start chat** at the bottom.
3. Add recipients by one of the following ways.
  - Touch the **To** field and manually enter the recipient's phone number, the contact name, or email. If the phone presents a few suggestions, touch the one you want to add.
  - To add more recipients for a group conversation, touch  to add more recipients.
4. If two nano-SIM cards are installed, touch  on the right side of the Text message field to select the card you want to use.
5. Touch the **Text message** field and enter the message text.
6. If you want to send a multimedia message, touch  to


attach a file to the message.

7. Touch .

 **NOTES:**


- 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 Settings

On the **Messages** screen, touch  > **Settings** to change the messaging settings.

# Camera

## Taking Pictures

1. From the home screen, touch .
2. Aim the camera at the subject and make any necessary adjustment. Swipe from the left side of the phone to the centre to select other camera modes. Swipe from the right side of the phone to the centre for the camera settings.



Number	Function
--------	----------

Number	Function
1	Switch between the front and back cameras.
2	Turn on/off beauty mode and customise settings.
3	Turn on/off bokeh mode and customise aperture.
4	Turn on or off HDR or set it at auto.
5	Change the flash setting.
6	View pictures and videos you have taken.
7	Capture a picture.
8	Switch to the camcorder.

 **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.

4. Lightly touch .

## Recording Videos

1. From the home screen, touch  > .
2. Aim the camera at the subject.
3. Touch  to start recording a video.
4. Touch  to stop recording.

### NOTES:

- You can spread or pinch on the screen to zoom in or out before and during recording.
- While the recording is in progress, touch  to pause the recording, or touch  to save the frame as a photo.

## Using Other Camera Modes

Your Camera app offers other powerful and interesting camera modes. Different modes offer different functions or


effects. Swipe from the left side of the phone to the centre to use them.

- **Manual:** Adjust more camera options for your photo such as ISO, white balance, exposure, and metering.
- **Burst:** Take burst photo shots.
- **Panorama:** Capture a panoramic photo.
- **Filter:** Select a colour filter for your photo.
- **Time Lapse:** Capture time-lapse videos. You can set the time interval between each frame in Camera settings.


 **NOTE:**

Some camera modes are only available for the back camera.



### Opening Photos

From the home screen, touch . You'll see all the photos and videos on your phone and—if you have 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. From the home screen, touch .
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. From the home screen, touch .
2. Touch and hold a photo or video to select it.
3. Touch more items that you want to move to the bin.

4. Touch  > **Move to trash** or you can touch  > **Delete** > **Delete from device**.

 **NOTE:**

Items in the trash will be removed after 60 days, while **Delete from device** will permanently delete the items immediately.



## Restoring a Photo or Video


1. From the home screen, touch .
2. Touch  > **Trash**.
3. Touch and hold the photo or video you want to restore and touch **Restore**.



### Playing Your Music

**Play Music** supports a wide variety of audio formats, so it can play music you purchase from online stores, music you copy from your CD collection, and so on.

1. Swipe up from the home screen and touch  >  > **Music library** to see your music. Swipe left or right to switch views among **PLAYLISTS**, **ARTISTS**, **ALBUMS**, **SONGS**, or **GENRES**.




 **NOTE:**

The first time you open Play Music, you can sign in to your Google account to access music you have purchased from the Play Store.

2. Touch a collection and touch the song to play it.

## Managing Playlists


Create playlists to organize your music files into sets of songs, so that you can play the songs you like in the order you prefer.

- In the music library, touch  next to a song > **Add to playlist** to add the song to a playlist or create a new playlist (touch **NEW PLAYLIST**).
- In the music library, touch **PLAYLISTS** to view existing playlists. You can then touch  next to the playlist name to play the list, add the songs to the current queue of tracks, add the songs to other playlists, edit the playlist name or description, or delete the playlist.
- Touch a playlist to view its content. You can then touch  next to a song > **Remove from playlist** to remove the song from the playlist.

### **NOTE:**

Automatically generated playlists cannot be edited or deleted.

## Settings

From the home screen touch . The **Settings** app contains most of the tools for customizing 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 Networks

Open **Settings** and touch **Network & Internet > Mobile network** and then adjust any of the following settings.

- **Roaming:** Switch on to get data service when roaming.
- **Preferred network type:** Select the type of network you want to use.
- **Automatically select network:** Select preferred network automatically.
- **Network:** Display the network operator.
- **Access Point Names:** To connect to the Internet, you

can use the default APN. And if you want to add a new APN, please contact the service provider to get the necessary information.

### Data Usage

Open **Settings** and touch **Network & Internet > Data usage** to check and manage mobile data use. You can view and restrict 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. See [Sharing Your Mobile Data Connection](#).


### **SIM Cards**

Open **Settings** and touch **Network & Internet > SIM cards** to manage dual-SIM options. When two nano-SIM cards are installed, you can turn on or off one of the cards, choose the default card for data, calls, and messages.

### **Aeroplane Mode**

Open **Settings** and touch **Network & Internet > Advanced > Aeroplane mode** to turn aeroplane mode on or off. All the phone's radios that transmit voice or data are turned off when aeroplane mode is on.

### **Call Settings**

Open **Settings** and touch **Network & Internet > Advanced > Call settings** to configure call options that you can also access from the Phone app by touching  (next to **Search contacts**) > **Settings > Call Settings**.

## 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 [Bluetooth](#).

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.

## 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.

### 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.

- **Record screen:** Set the video quality and the touch interaction options for screen recording.
- **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.

## Battery

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

## Display

Open **Settings** and touch **Display** to configure the display options, including brightness level, eye comfort mode, colours and contrast, wallpaper, screen sleep time, screen rotation, font size, etc.

## Scheduled Power On/Off

Open **Settings** and touch **Scheduled power on/off > Power on / Power off** to set the day and time when the phone automatically powers on or off. You can also touch the boxes on the right to turn the features on or off.

## Audio profiles

Open **Settings** and touch **Audio profiles**. You can use the audio profile you need and add or edit audio profiles.

## 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, such as captured photos and recorded audio.

- **Device storage:** Touch **Internal shared storage** to get a detailed breakdown of space usage by type. Touch **FREE UP SPACE** to delete the files you do not need.
- **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.

## Security & Location

Open **Settings** and touch **Security & location > 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. Touch **Advanced** to get all the options.

- **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 helps you locate this device remotely. It also helps you keep your data safe if the device is lost. 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:** Set notification display preference, message, lockdown, and other options for the lock screen.
  - **Face Verify:** Use face recognition to unlock the screen or notification content, or open locked apps in Private Space. See [Using Face Recognition](#).
  - **Smart Lock:** Keep the phone 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 more 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. In the **Location** menu, touch **Advanced > Emergency Location Service / Google Location History / Google Location Sharing** to configure Google location options.
- **Show passwords:** Display passwords as you enter them.
- View or deactivate apps you have authorized 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 **Colour inversion** or **Display size** for users with sight problems.

## Google

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

## System

### About Phone

Open **Settings** and touch **System > About phone** to view phone number, 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.

### Languages & Input

Open **Settings** and touch **System > Languages & input** to configure options related to system language, input methods, text to speech output and so on.

## 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 > Advanced > 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 Updates** to check, download and install system updates.

# For Your Safety

## General Safety

	Don't make or receive phone calls while driving. Never text while driving.
	Keep your phone at least 5 mm away from your body while making calls.
	Small parts may cause choking.
	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.
	Keep away from pacemakers and other electronic medical devices.

	Turn off when asked to in hospitals and medical facilities.
	Turn off when told to on aircraft and at airports.
	Turn off when near explosive materials or liquids.
	Don't use at gas stations.
	Your phone may produce a bright or flashing light.
	Don't dispose of your phone in fire.
	Avoid extreme temperatures.
	Avoid contact with liquids. Keep your phone dry.
	Do not attempt to disassemble your phone.
	Only use approved accessories.

	For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.
	Don't rely on your phone as a primary device for emergency communications.

## 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 0.427W/kg\*, and when tested at the body was 1.457 W/kg\* with 5 mm distance. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this guide\*\*.

As SAR is measured utilizing 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 EN50360:2017, EN50566:2017, EN62209-1:2016, EN62209-2:2010, EN50663:2017.

\*\* 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).

### **Regulatory Information**

The following approvals and notices apply in specific regions

as noted.

Please find the section EU DOC in the end of this guide.

## **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.
- 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**

The 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 touch or 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 the 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 (6 inches) 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 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**

Turn 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 to 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 fuelling 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.

## CE Caution

### **Battery Caution**

Risk of explosion if battery is replaced by an incorrect type.  
Dispose of used batteries according to the instructions.

### **USB Port**

This product shall only be connected to a USB interface of version USB 2.0.

### **Proper Use**

As described in this guide, your device can be used only in right location. If possible, please do not touch the antenna area on your device.

Do not expose your device to extreme temperatures lower than - 10 °C and higher than + 55 °C.

## Disposal of Your Old Appliance



1. 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.
2. 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.
3. 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](mailto:weee@zte.com.cn)

## EU DECLARATION OF CONFORMITY



Hereby, ZTE Corporation declares that the radio equipment type ZTE Blade A5 2020 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following Internet address:

<http://certification.ztedevices.com>

## ErP Conformity

The external power supply of this product conforms to the Energy-related Product Directive (ErP) 2009/125/EC of the European Parliament and the Council.

Manufacturer's name, commercial registration number and address	ZTE Corporation 9144030027939873X7 ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, China
Model identifier	STC-A51D-A
Input voltage	100-240 V
Input AC frequency	50/60 Hz
Output voltage	5.0 V
Output current	1.0 A
Output power	5.0 W
Average active efficiency	73.9%
Efficiency at low load (10%)	64.9%
No-load power consumption	0.08 W

## FCC Caution

### § 15.19 Labeling requirements.

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.

### § 15.105 Information to the user.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful 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.

§ 15.21 Information to user.

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

### **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 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.

For this device, the highest reported SAR value for usage against the head is 0.571W/kg, and for usage near the body-Worn is 1.139W/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 10 mm between the unit and the human body. Carry this device at least 10 mm away from your body to ensure RF exposure level compliant or lower to the reported level. To support body-worn operation, choose the belt clips or holsters, which do not contain metallic components, to maintain a separation of 10 mm between this device and your body.

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