User Guide

ZTE **BLADE** VANTAGE

verizon√

About This Guide

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.

Copyright

Copyright © 2017 ZTE CORPORATION

All rights reserved.

Notice

ZTE Corporation reserves the right to make modifications on print errors or update specifications in this manual without prior notice. This manual has been designed with the utmost care to ensure the accuracy of its content. However, all statements, information and recommendations contained therein do not constitute a warranty of any kind, either expressed or implied. We offer self-service for our smart terminal device users. Please visit the ZTE official website (at www.zteusa.com) for more information on self-service and supported product models. Information on the website takes precedence.

Disclaimer

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

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

Trademarks
ZTE, BLADE, and the ZTE logos are trademarks of ZTE Corporation.
Google and Android are trademarks of Google, Inc.
The Bluetooth® trademark and logos are owned by the Bluetooth SIG, Inc. and any use of such trademarks by ZTE Corporation is under license.
microSDXC Logo is a trademark of SD-3C, LLC.
Qualcomm® Snapdragon™ processors are products of Qualcomm Technologies, Inc. Qualcomm and Snapdragon are trademarks of Qualcomm Incorporated, registered in the United States and other countries. Used with permission.
Other trademarks and trade names are the property of their respective owners.

Version No.: R1.0
Edition Time: August 30, 2017

Contents

Getting Started

Getting to Know Your Phone

Earpiece

Front camera

Proximity & light sensor

Touch screen

Back key*

Charging/ micro-USB jack

Auxiliary microphone

Indicator light

Volume key

Power key

Home key

Recent apps key*

Main microphone
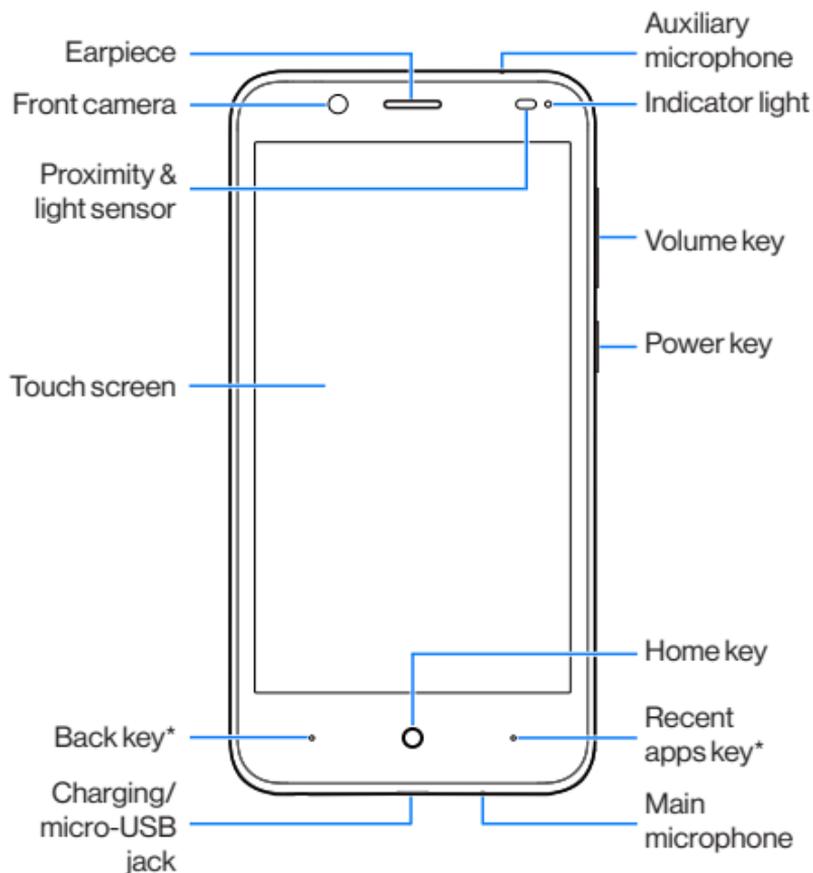
* You can switch the positions of the **Back** key and **Recent apps** key. Touch the **Home** key > ⊞ > **Settings > Display > Navigation key** and select one option.

Flash

Back camera

Back cover

Speaker

3.5 mm headset jack
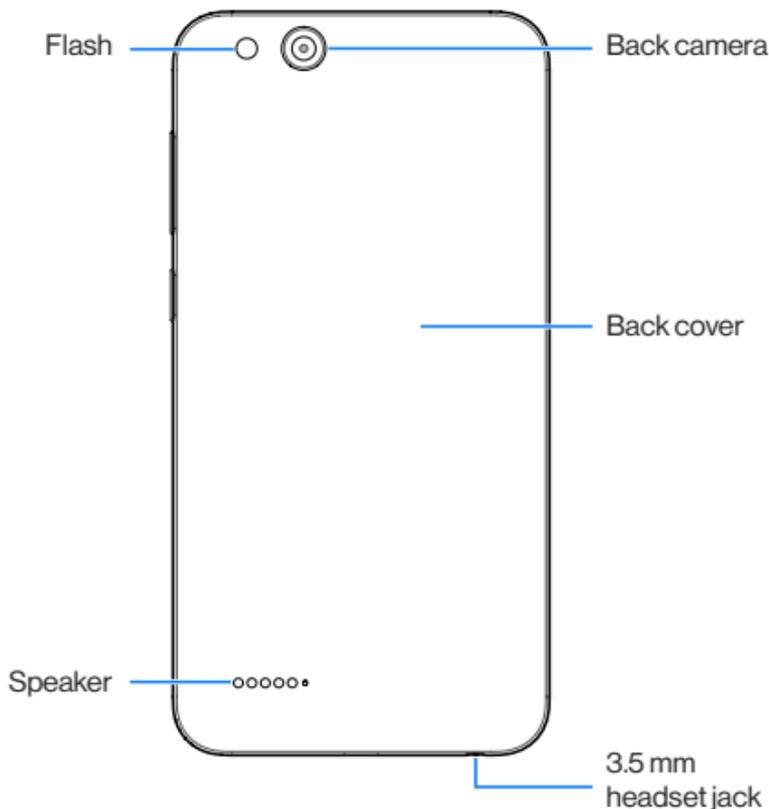
Key Functions

Key	Function
Power key	• Press and hold to turn airplane mode on or off, restart, or power off. • Press to switch your phone to sleep mode or wake up your phone.
Home key	• Touch to return to the home screen from any application or screen. • Touch and hold to use Google Now.
Recent apps key	• Touch to see recently used applications. • Double-tap to switch between the two most recent applications.
Back key	Touch to go to the previous screen.
Volume key	Press or hold either end of the key to turn the volume up or down.

Installing the nano-SIM Card (Included) and a microSDXC Card (Not Included)

NOTE: Your phone will come with the nano-SIM card already installed.

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. Place your fingernail in the cut-out at the bottom left of the back cover, and pop the cover off the phone.
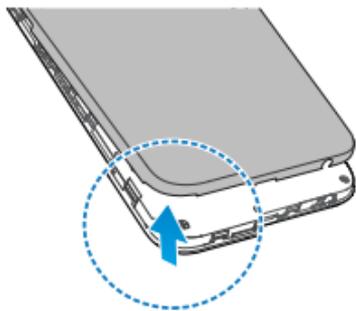
2. Hold the nano-SIM card with the cut corner oriented as shown and slide it into the card slot.
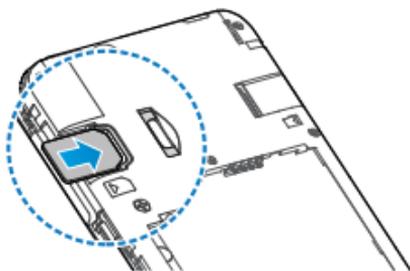
3. Hold the microSDXC card with the metal contacts facing down and the cut corner oriented a shown, and slide it into the card slot.
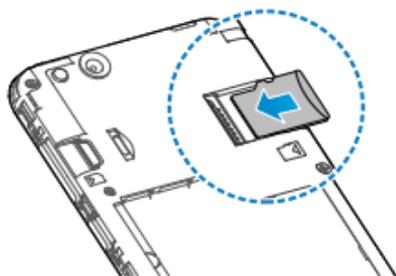
📝 NOTE:

Some applications may require a microSDXC card to work normally and/or may store data on the card. Therefore, it is recommended that you keep a microSDXC card installed and not remove or replace it randomly.

4. Replace the cover over the back of the phone, and then press down along the edges to secure. Make sure there is no gaps around.
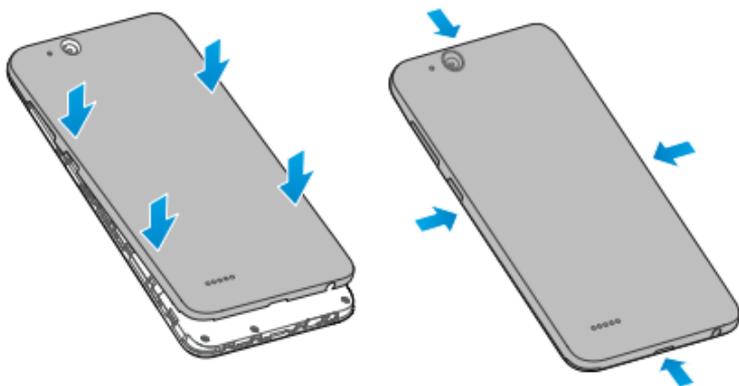
Installing the Battery

1. Place your fingernail in the cut-out at the bottom left of the back cover, and pop the cover off the phone.
2. Insert the battery by aligning the metal contacts on the battery with the metal contacts in the battery compartment. Gently push down on the battery until it clicks into place.
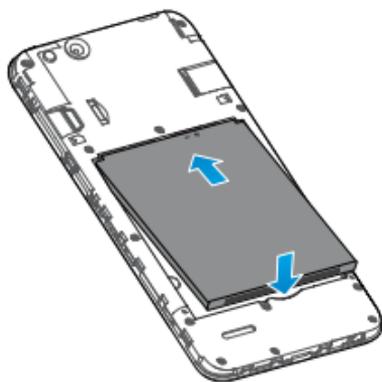
3. Replace the cover over the back of the phone, and then press down along the edges to secure. Make sure there is no gaps around.

Charging the Battery

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.

1. Connect the adapter to the charging jack.
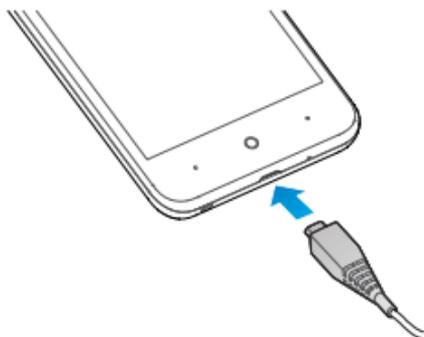
2. Connect the charger to a standard AC power outlet. If the phone is on, you'll see a charging icon, such as 🔋 or 🔋, appear in the status bar.
3. Disconnect the charger when the battery is fully charged.

🖊 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 customer service if you still cannot power on the phone after prolonged charging.

Extending the Battery Life

Active applications, screen brightness levels, Bluetooth and Wi-Fi usage, and GPS functionality can drain your battery. You can follow the helpful tips below to conserve your battery power:

- Reduce the screen backlight time.
- Lower the screen brightness.
- Turn Wi-Fi, Bluetooth and auto-sync off when not in use.
- Disable the GPS function when not in use. Most applications using this function will periodically query the GPS satellites for your current location; each query drains your battery.
- Use the Battery saver feature.

Powering Your Phone On/Off

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

Setting Up Your Phone for the First Time

When you first power on your phone after you purchase it or reset it to factory settings (see Backup & Reset)), you will need to set it up before using it. Select the language and then follow the 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 also to turn the screen back on and unlock it when you need it.

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 a certain period of time when you leave it idle. You will still be able to receive messages and calls while the phone screen is off.

Unlock the Screen and Keys

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

   - or -

   Swipe away from ⬛ at the bottom right of the screen to open the Camera app.

   - or -

   Swipe away from 📞 at the bottom left to open the Phone app.

   - or -

   Double-tap a notification to open the related app.

✎ **NOTE:**

If you have set an unlock pattern, a PIN, or a password for your phone (see Protecting Your Phone With Screen Locks), you'll need to swipe up on the screen and then draw the pattern or enter the PIN/password to unlock the screen.

Using the Touch Screen

Your phone's touch screen lets you control actions through a variety of touch gestures.

• Touch – When you want to type using the on-screen keyboard, select on-screen items (such as application and settings icons), or press on-screen buttons,

simply touch them with your finger.

- Touch and Hold – To open the available options for an item (for example, a message or link in a web page), touch and hold the item.
- Swipe or Slide – To swipe or slide means to quickly drag your finger vertically or horizontally across the screen.
- Drag – To drag, press and hold your finger with some pressure before you start to move your finger. While dragging, do not release your finger until you have reached the target position.
- Pinch – In some apps (such as Maps, browser, and Gallery), you can zoom in and out by placing two fingers on the screen at once and pinching them together (to zoom out) or spreading them apart (to zoom in).
- Rotate the Screen – For most screens, you can automatically change the screen orientation from portrait to landscape by turning the phone sideways.

✐ NOTES:

- The Auto-rotate feature needs to be turned on for the screen orientation to automatically change. Touch the **Home** key > ⊙ > **Settings** > **Display** > **When device is rotated** > **Rotate the contents of the screen**.
- You can also access the screen rotation control by sliding down the status bar twice and touch **Auto-rotate** or **Portrait**.

Getting to Know 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 shortcuts, folders, widgets, and more.
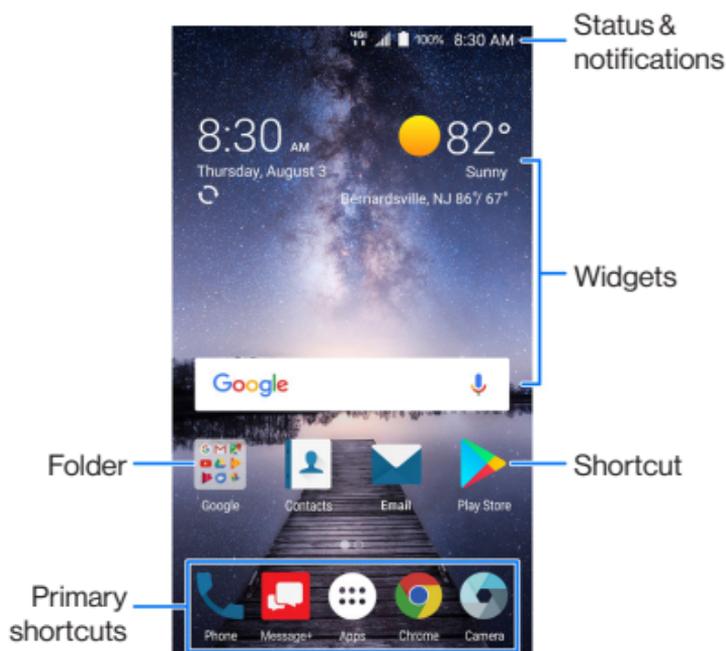
Extended Home Screen Panels

Your home screen is extendable, providing more space for shortcuts, widgets, and more. Simply swipe left or right on the home screen to see the extended panels. You can add or remove home screen panels, or adjust their order.

To add a new home screen panel:
1. Touch the **Home** key **>** (⬡), or touch and hold an empty area of the home screen and select **Widgets**.
2. Touch and hold an application icon or a widget and drag it to the right edge of the screen to create a new home screen panel and put the icon or widget on it.

To delete a home screen panel:
1. Touch and hold an empty area of the home screen.
2. Touch **Home**.
3. Touch ✕ on the top right corner of a home screen thumbnail.
4. Touch **OK**. The items on the panel will also be removed.

🖊 **NOTE:**
When there are only two home screen panels, you cannot delete any of them.

To adjust the order of a home screen panel:
1. Touch and hold an empty area of the home screen.
2. Touch **Home**.
3. Touch and hold a home screen thumbnail and drag it left or right to the place you need.

🖊 **NOTE:**
Touch ⌂ at the bottom of a home screen thumbnail to set it as the main home screen.

Personalizing

Changing the System Language

1. Touch the **Home** key > ⊕ > **Settings > Languages & input > Languages**.
2. To add a system language, touch **Add a language** and then the language you need.
3. Touch and hold a language and move it to the top to switch to that language.

Setting the Date and Time

1. Touch the **Home** key > ⊕ > **Settings > Date & time**.
2. Set the date, time, time zone, and time format.
   ▸ To adjust the date and time automatically, touch to turn on **Automatic date & time**.
   ▸ To adjust the date and time manually, touch to turn off **Automatic date & time** and touch **Set date / Set time** to change the date and time.
   ▸ To adjust the time zone automatically, touch to turn on **Automatic time zone**.
   ▸ To adjust the time zone manually, touch to turn off **Automatic time zone** and touch **Select time zone** to set the correct time zone.
   ▸ To adjust the time format, touch to turn on/off **Use 24-hour format**.

Changing the Ringtone and Notification Sound

You can customize the default ringtone for incoming calls and the default notification sound.

1. Touch the **Home** key **>** ⊕ **> Settings > Sound**.
2. Touch **Phone ringtone** or **Default notification ringtone**.
3. Scroll through the list and select the ringtone you'd like to use.
4. Touch **OK**.

🖊 **NOTES:**
- Many applications have their own notification sound settings.
- See Set a Ringtone for a Contact for how to assign a special ringtone to an individual contact.
- When selecting ringtones or sounds, touch the **Music** or **Recording** tab to select additional audio file saved on the phone or the memory card.

Turning System Sounds On/Off

1. Touch the **Home** key **>** ⊕ **> Settings > Sound > Other sounds**.
2. Touch the switch beside each option to turn it on or off.

Adjusting Volumes

1. Touch the **Home** key > (:::) > **Settings > Sound**.
2. Drag the sliders below **Media volume**, **Alarm volume**, **Ring volume**, and **Notification volume** to adjust the volume for each type of audio.

📝 **NOTE:**

You can adjust the volume levels any time by pressing the **Volume** key. Then touch ∨ and drag a volume slider.

Switching to Silent or Vibration Mode

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

• Press the **Volume** key when no media application is active to show the volume management window. Drag the slider to the left or keep pressing the **Volume down** key to switch the phone to vibration mode. Press the key again in vibration mode to switch the phone to silent mode.

• From the home screen, touch (:::) > **Settings > Sound > Notification mode** and select **Vibrate** or **Mute** to switch to vibration or silent mode.

• Swipe down from the top of the screen to open the notification panel and drag the panel downwards. Touch **Sound** or **Vibrate** to switch the phone to vibration or silent mode. See Use Quick Settings.

NOTES:
- Silent and vibration modes will not silence your alarms.
- To restore normal sound settings, press and hold the **Volume up** key.

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.

1. From the home screen, touch ⟨:::⟩ **> Settings > Sound > Do not disturb**.
2. Touch **Do not disturb** and select **Always** or **Scheduled**.
   - ▶ Touch **Always** to turn on Do not disturb mode immediately. It will remain on until you turn it off.
   - ▶ Touch **Scheduled** to select time periods for Do not disturb mode to be turned on automatically.
3. Set the detailed settings.
   - ▶ If you have selected **Scheduled**, touch **Days**, **Start time**, and **End time** to specify the time periods during which Do not disturb mode is on.
   - ▶ Touch **Disturb rules** to choose whether you'd like to allow certain notifications or not.
     - – **Priority only:** Only notifications you have marked as priority are allowed.
     - – **Alarms only:** Only alarms are allowed.
     - – **Total silence:** No notifications are allowed.

▶ If you have selected **Priority only**, you can customize the types of allowed sounds or vibrations under Priority interruptions. Touch the switches next to the items you want to allow. Touch **Messages** or **Calls** to set preferences for which messages and calls will be allowed.

📝 **NOTES:**

• To turn off Do not disturb mode quickly, press the **Volume** key and touch **END NOW**.
• Do not disturb mode will not silence your alarms unless you select **Total silence**.
• To set exceptions based on apps, from the home screen, touch ⦂⦂⦂ **> Settings > Notifications**. Select an app and touch to switch on **Override Do Not Disturb**.

Applying New Wallpapers

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

1. Touch and hold an empty place on the home screen.
2. Touch **Wallpapers**.
3. Touch **Lock screen** or **Home screen** to select where the new wallpaper will be applied.
4. Swipe left or right on the wallpaper panel to select a wallpaper, or touch **GALLERY** or **LIVE WALLPAPER** to choose the image or animation you want to use as the wallpaper.
5. For Gallery images, move, pinch, or spread to choose the area you want to use. Then touch ✓.

NOTE:

In addition, you can touch the **Home** key **>** (⋮⋮⋮) **> Settings > Display > Wallpaper** to pick an image from **Gallery**, **Photos**, or **Wallpapers**, or an animation from **Live Wallpapers**.

Setting the Theme

1. Touch and hold an empty place on the home screen.
2. Touch **Themes**.
3. Touch a theme to select it.

Setting the Home Screen Transition Effect

1. Touch and hold an empty place on the home screen.
2. Touch **Home**.
3. Pick an effect and the phone will demonstrate how it works. When you have found one you like, touch the **Home** key to exit.

Changing the Screen Brightness

1. Touch the **Home** key **>** (⋮⋮⋮) **> Settings > Display > Brightness level**.
2. Drag the slider to manually adjust the screen brightness.

NOTE:

With the proximity and light sensor, your phone can automatically adjust the screen brightness for available light. Touch **Adaptive brightness** in the Display settings screen to turn the feature on or off.

Protecting Your Phone With Screen Locks

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

1. Touch the **Home** key > ⊕ > **Settings** > **Security** > **Screen lock**.

2. Touch **None**, **Swipe**, **Pattern**, **PIN**, or **Password**.

   ▸ Touch **None** to disable screen lock protection.

   ▸ 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, select how you want notifications and their contents to show when the phone is locked, and then touch **DONE**.

📝 **NOTE:**

Remember the pattern, PIN, or password you set. Otherwise, you will have to upgrade the phone software to use the phone (see Upgrading the Phone Software).

Protecting Your Phone With Encryption

You can encrypt all the data on your phone: your accounts, application data, music and other media, downloaded information, and so on. If you do, you must draw an unlock pattern, or enter a numeric PIN or a password each time you power on your phone.

⚠ WARNING!

Encryption is irreversible. The only way to revert to an unencrypted phone is to perform a factory data reset, which erases all your data.

Encryption provides additional protection in case your phone is stolen, and may be required or recommended in some organizations. Consult your system administrator before turning it on. In many cases the pattern, PIN or password you set for encryption is controlled by the system administrator.

Before turning on encryption, prepare as follows:

*   Set a screen lock pattern, PIN or password.
*   Charge the battery.
*   Keep the phone connected to the charger.
*   Schedule an hour or more for the encryption process: you must not interrupt it or you will lose some or all of your data.

When you're ready to turn on encryption:

1. Touch the **Home** key **>** ⊙ **> Settings > Security > Encrypt phone**.

2. Read the information about encryption carefully. The **ENCRYPT PHONE** button is dimmed if your battery is not charged or your phone's not plugged in. If you change your mind about encrypting your phone, touch the **Back** key.

   🔘**WARNING!**

   If you interrupt the encryption process, you will lose data.
3. Touch **ENCRYPT PHONE**.
4. Draw your screen lock pattern or enter your PIN or password,
5. Touch **ENCRYPT PHONE** again.

The encryption process starts. Encryption can take an hour or more, during which time your phone may restart several times.

When encryption is completed, you're prompted to draw the unlock pattern, or enter your PIN or password.

Subsequently you must draw your unlock pattern, or enter your PIN or password each time you power on your phone in order to decrypt it.

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. Touch the **Home** key > ⊞ > **Settings > Security > Screen pinning**.
2. Touch the **On/Off** switch.
3. To automatically lock the phone after unpinning, switch on **Lock device when unpinning** and set up a screen lock.
   If you have set a screen lock, you can switch on **Ask for unlock pattern/PIN/password before unpinning**. You will need to draw the pattern or enter the PIN/password to unpin the screen.

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. If there are many app tabs, swipe up to find 📌 on the front-most tab.
5. Touch 📌.

Unpin the Screen

1. To unpin the screen and return to normal use, touch and hold the **Back** key.
2. If the screen is locked, swipe up on the lock screen and draw the pattern or enter the PIN/password.

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.

Indicator	What it means
4G LTE	LTE connected
⊖	Do not disturb mode on (Alarms only or Priority only)
⊖	Do not disturb mode on (Total silence)
⫿▯⫿	Vibration only mode on
🔇	Silent mode/no interruptions
🔋	Battery low

Indicator	What it means
◿	No signal
▰▰▰	Signal strength
✈	Airplane mode
✳	Bluetooth on
📶	Connected to a Wi-Fi network
📞	Speaker on

🔋	Battery low (5% or lower)		🎙️	Phone microphone off
🔋	Battery full		📍	GPS on
⚡/⚡	Battery charging		🎧	Wired headset connected
⏰	Alarm set			

Managing Notifications

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.

Indicator	What it means	Indicator	What it means
📧/💬	New message from the Messaging/ Message+ app	1️⃣	Upcoming event
M/M	New message(s) from the Gmail™ app	📶	New Wi-Fi network detected

✉/✉	New message(s) from the Email app	↓/↑	Downloading/ sending data
☏	Missed call	⸾	USB connected
☏	Call in progress	♫/♪	Song playing
⚠	Low battery	((•))	Mobile hotspot on

Open/Close the Notification Panel

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

- To open the notification panel, swipe your finger down on the home screen or from the top of the screen.
- To close the notification panel, swipe your finger up on the screen or touch the **Back** key.

Respond to or Remove a Notification

In the notification panel, you can respond to a notification or remove the notifications. The notification panel also supports expandable notifications that let you perform additional actions right from the notification itself.

- To respond to a notification, touch it.

- Slide down with one finger to expand certain notifications. You can also swipe two fingers vertically or pinch-zoom to expand or collapse certain notifications.
- To remove a notification, swipe it left or right.
- To remove all notifications, touch **CLEAR ALL** at the end of the list of notifications.
- To manage notifications you have received, touch and hold a notification. You can then touch **Show notifications silently / Block all notifications > DONE** to silence or hide future notifications from this app, or touch **MORE SETTINGS** to configure other notification options for this app.

🖉 **NOTE:**

If you block notifications for an app, you may miss its important alerts and updates. The notifications of some apps cannot be blocked.

Use Quick Settings

The quick settings in the notification panel make it convenient to view or change the most common settings for your phone.

Swipe down with two fingers from the top of the screen, or open the notification panel and drag the panel downward to view the following quick settings.

- **Brightness:** Uncheck **AUTO** and drag the brightness slider to adjust the screen brightness.
- **Wi-Fi:** Touch to turn on or off Wi-Fi. Touch and hold to access the Wi-Fi menu. See Connecting to Wi-Fi.
- **Bluetooth:** Touch to turn on or off Bluetooth.

Touch and hold to access the Bluetooth menu. See Connecting to Bluetooth Devices.

- **Sound/Vibrate/Silent:** Touch to switch between sound, vibration and silent mode. See Switching to Silent or Vibration Mode.
- **Location:** Touch to turn location services on or off. Touch and hold to access the Location menu. See Location.
- **Flashlight:** Touch to turn on or off the flashlight.
- **Airplane mode:** Touch to turn on or off Airplane mode.
- **Data:** Touch to enable or disable data access over the mobile network. Touch and hold to access the Data usage menu. See Data Usage.
- **Auto-rotate/Portrait:** Touch to turn on or off the auto-rotate screen feature.
- **Battery Saver:** Touch to turn on or off Battery Saver. Touch and hold to access the Battery saver menu. See Battery.
- **Mobile Hotspot:** Touch to enable the mobile hotspot feature and create a mobile hotspot. Touch and hold to access the Mobile Hotspot menu. See Sharing Your Mobile Data Connection.
- **Do not disturb / Priority only / Alarms only / Total silence:** Touch to turn on Do not disturb mode and select options. Touch **MORE SETTINGS** for more options, or touch **DONE** to turn on Do not disturb mode with the options you have selected. Touch again to turn off Do not disturb mode. Touch and hold to open the Do not disturb menu. (See Using Do Not Disturb Mode.)

- **Sync:** Touch to turn on or off auto-syncing of accounts data. Touch and hold to access the Accounts menu. See Web Accounts or Accounts.

📝 **NOTE:**

In the quick settings screen, touch ⚙ at the top to access the Settings menu; touch 🖊 to change control switch position.

Managing Shortcuts and Widgets

Add Shortcuts and Widgets

1. Touch the **Home** key **>** ⦙⦙⦙ to add shortcuts.
   Or, to add widgets, touch and hold an empty area of the home screen and select **Widgets**.
2. Slide to browse the available applications or widgets.
3. Touch and hold a widget or an application icon and drag it to a home screen panel.

📝 **NOTE:**

While holding the item, you can drag it to the right edge of the screen to create a new home screen panel and put the item on it.

Move Shortcuts or Widgets

1. Touch and hold a shortcut or widget on the home screen.
2. Drag it to the place you need.

Remove Shortcuts or Widgets

1. Touch and hold a shortcut or widget on the home screen.

2. Drag it to 🗑 to remove it.

✎ NOTE:

When there are more than two home screen panels, no panel can be left empty. If the shortcut, widget, or folder is the only item on the current home screen panel, the panel will be deleted as you remove the item.

Adjust Widget Size

1. Touch and hold a widget on the home screen and then release it.
2. An outline appears around the widget. Drag the outline to resize the widget.

✎ NOTE:

Not all widgets can be resized.

Organizing With Folders

You can create folders on the home screen and add several shortcuts to a folder.

You can move or remove folders the same way as moving or removing shortcuts.

1. On the home screen, touch and hold the shortcut you want to add into a folder.
2. Drag the shortcut to ▮ . A new folder will be created and the shortcut is added into the folder.
3. To add more shortcuts into the folder, touch and hold each shortcut and drag it over the folder before releasing it.

✏️ NOTES:

- To remove a shortcut from a folder, touch the folder to open it. Touch and hold the shortcut and drag it to the home screen.
- Touch the folder and then touch the name field to rename the folder.

Rearranging the Primary Shortcuts

The home screen includes a customizable primary shortcuts area at the bottom of all home screens. You can keep up to four items in the primary shortcuts area. Drag shortcuts or folders in or out of the area to rearrange the area.

Entering Text

You can enter text using the on-screen keyboard. Some apps open it automatically. In others, you open it by touching where you want to type. You can touch the **Back** key to hide the on-screen keyboard. You can also enter text by speaking with the Google voice typing feature.

Enable or Disable Input Methods

1. Touch the **Home** key > ⊕ > **Settings > Languages & input > Virtual keyboard > Manage keyboards**.
2. Touch a keyboard in the list to enable/disable it as an option for entering text.

NOTE:

Some default input methods may not be disabled.

Change Input Methods

1. When you use the on-screen keyboard to enter text, the ⌨ icon appears in the status bar.

   NOTE:

   The ⌨ icon appears only when more than one virtual keyboard is installed and enabled for use.

2. Open the notification panel and touch **Change keyboard**.

3. Select the input method you need.

Google Keyboard

The Google Keyboard provides a layout similar to a desktop computer keyboard. When screen auto-rotation is enabled, turn the phone sideways and the keyboard will change from portrait to landscape. The landscape keyboard is not supported in all applications.
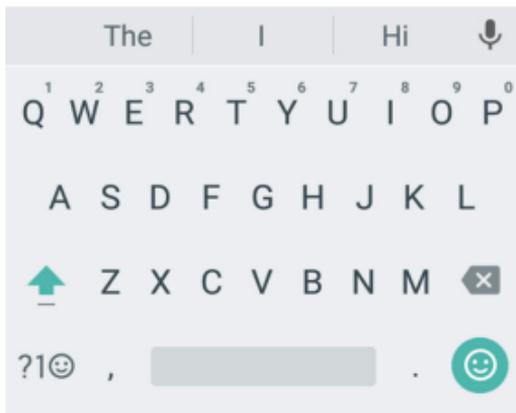
- Touch the alphabetic keys to enter letters. Touch and hold some specific keys to enter associated accented letters or numbers. For example, to enter È, touch and hold E^3 and the available accented letters and number 3 appear. Then slide to choose È.
- As you enter a word, candidates appear above the keyboard. Touch the correct one to select it.
- Touch ⬆ to use uppercase. Double-tap ⬆ to lock uppercase. This key also changes color to indicate the current case you are using.
- Touch ⬅ to delete the text before the cursor.
- Touch ?1☺ to select numbers and symbols. You can then touch = \ < to find more or touch ☺ to enter miniature icons.
- Touch ⊚ to enter miniature icons such as expressions, astrological signs, and animals.
- Touch 🎤 to use Google voice typing.
- Touch and hold , to change the input languages or set up the Google Keyboard.
- Touch and hold , and slide to 🔲 to change to a smaller keyboard for easier one-handed typing. Touch ‹ / › to switch to the left-hand or right-hand keyboard, respectively. Touch ⤢ to switch back to the full-sized keyboard.

Gesture Typing

The Google Keyboard supports the gesture typing feature. You use this feature to input a word by sliding through the letters.

To enable and use gesture typing:

1. On the Google Keyboard, touch and hold **,** **> Google Keyboard settings**.
   Or, touch the **Home** key **> ⊞ > Settings > Languages & input > Virtual keyboard > Google Keyboard**.
2. Touch **Gesture typing > Enable gesture typing** if this feature is turned off.
3. Move your finger from letter to letter on the keyboard to trace a word without lifting the finger until you reach the end of the word.

Start of the word
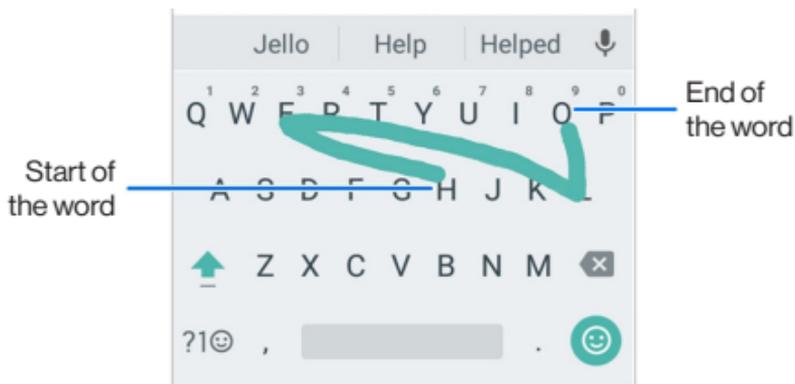
End of the word

✎ NOTES:

- Touch when you want to. If you want to enter a single letter, go ahead and touch.
- Lift your finger at the end of the word. A space is added automatically when you begin to input the next word.

TouchPal Keyboard

TouchPal Keyboard offers three layouts: FULL, PHONEPAD and T+. You can touch ⊕ to select a layout or an input language.

You can also use Curve® and Wave™ to speed up text input by moving your finger from letter to letter or word from word without lifting the finger until you reach the end of the word.

The FULL Layout

The FULL layout offers an input experience similar to a computer keyboard.
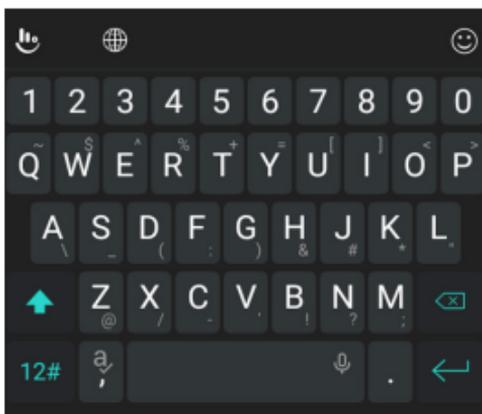
- **The alphabetic keys:** Touch the keys to enter letters. You can also touch and hold a key and slide to choose more characters.
- **The shift key:** Touch ⇪ to use uppercase. Double-tap ⇪ to lock uppercase. This key also changes to indicate the current case you are using: ⇪ for lowercase, ⇪ for uppercase, and ⇪ when locked in uppercase.
- **Word prediction:** Touch and hold ⁹, and touch the **Prediction** switch to turn off ⁹, or on ⁹, .
- **Pre-defined texts:** Touch 12# to enter digits, symbols, and more. You can touch the arrow keys to turn pages, or touch ⬅ to go back to the alphabetic keys. Slide up on the space key or touch 🙂 to enter emojis and emoticons.
- **The delete key:** Touch ⌫ to delete text before the cursor. You can also touch and hold the key to quickly delete multiple characters, or slide left on the key to delete a whole word.
- **More options:** Touch 🖐 to access additional functions, use voice input, edit text, resize the keyboard, and more.

The PHONEPAD Layout
The PHONEPAD layout is similar to a phone pad.

Touch an alphabetic key repeatedly until the desired letter or number appears. Touch and hold the key and slide left or right to choose the text you need.
If word prediction is enabled, just touch the keys once and choose the right word.

The T+ Layout
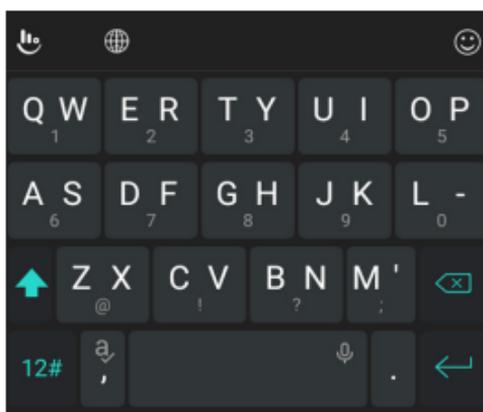
If word prediction is disabled, touch to enter the left letter on the key. Double-tap to enter the right letter/symbol on the key. Touch and hold a key and slide left or right to choose more letters and symbols.

If word prediction is enabled, just touch the keys and choose the right word.

Curve - Word Gesture

Curve – Word gesture allows you to enter text by sliding your finger on the screen from letter to letter to enter each word.

To enable and use Curve - Word gesture:

1. On the TouchPal keyboard, touch 🔧 > **Settings > Smart input** and check **Curve® - Word gesture**.

2. Touch ← > ← and touch inside a text field to open the keyboard, and then touch 🌐 > **FULL** to switch to the Full layout.

3. Move your finger from letter to letter on the keyboard to trace a word without lifting the finger until you reach the end of the word.

Start of the word
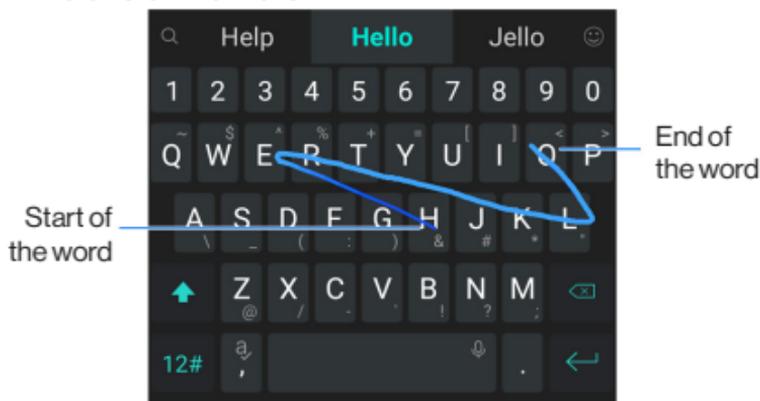
End of the word

✎ NOTES:

- Curve - Word gesture is only available in the Full layout.
- Touch to type when you want to. If you want to enter a single letter, simply touch the key once.
- Lift your finger at the end of the word. A space is added automatically when you begin to trace the next word.

Wave - Sentence Gesture

Wave - Sentence gesture allows you to enter words by dragging candidate words to the space key.

To enable and use Wave - Sentence gesture:

1. On the TouchPal keyboard screen, touch ⛶ > **Settings > Smart input** and check **Wave - Sentence gesture**.
2. Touch ⬅ > ⬅ and touch inside a text field to open the keyboard, and then touch 🌐 > **FULL** to switch to the Full layout.
3. Touch or use Curve to enter the first word. As the first word appears on the text field, candidate words appear on the keyboard for you to choose from as the following word.
4. Drag the correct candidate word to the space key to add the word to the text field.
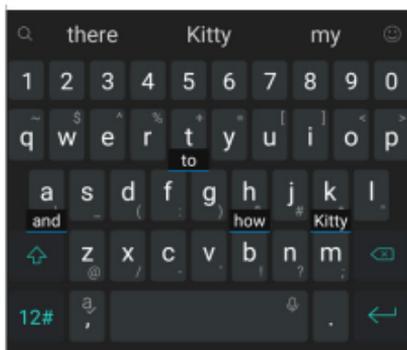
NOTES:

- If none of the suggested words are correct, type the word as you normally would.
- Wave - Sentence gesture is only available in the Full layout.

Google Voice Typing

Google voice typing uses the Google voice recognition service to convert speech to text. You must have a data connection on a mobile or Wi-Fi network to use it.

1. Touch 🎤 to access voice typing when you are using the Google Keyboard, or flick down the status bar when entering text and touch **Change keyboard > Google voice typing**.
2. When you see the microphone image, speak what you want to type.
3. You can continue entering text or touch an underlined word to change or delete it.

📝 NOTE:

Say "comma," "period," "question mark," "exclamation mark," or "exclamation point" to enter punctuation.

Input Method Settings

Choose the input method settings by touching the **Home** key **> ⊕ > Settings > Languages & input > Virtual keyboard**. Touch an option to choose the settings for that input method.

Editing Text

- **Move the insertion point:** Touch where you want to type. The cursor blinks in the new position, and a tab appears below it. Drag the tab to move the cursor.
- **Select text:** Touch and hold or double-tap within the text. The nearest word highlights, with a tab at each end of the selection. Drag the tabs to change the selection. Touch **⋮ > SELECT ALL** to select all the text, touch **SHARE** and choose an option, or touch **ASSIST** to open Google Now.
- **Cut or copy:** Select the text you want to manipulate. Then touch **CUT** or **COPY** to cut or copy the text to the clipboard.
- **Replace text with the clipboard text:** Select the text you want to replace. Then touch **PASTE**.
- **Insert clipboard text in the text field:** Touch the tab below the cursor. Then touch **PASTE**.

Opening and Switching Apps

Open an App

1. Touch the **Home** key > (⋯).
2. Swipe up or down on the screen and touch an app to open it.

🖊 **NOTES:**

- 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.
- Touch ⋮ in the search box to sort the apps alphabetically or by the last they are used.

Switch Between Recently Opened Apps

1. Touch the **Recent apps** key. A list of the names and thumbnails of apps you've recently used opens. If you've been using more apps recently than can fit on the screen, you can scroll the list up and down.
2. Touch a thumbnail to open that app.

🖊 **NOTES:**

- You can swipe a thumbnail left or right or touch X on the thumbnail to remove it from the list. Touch **Clear all** to remove all thumbnails.
- Double-tap the **Recent apps** key to switch to the most recent app you used.

Using Two Apps in 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 and hold the **Recent apps** key. The screen is divided into two.

   -or-

   Touch the **Recent apps** key to view your recently used apps, touch and hold the tab of the app you want to use and drag it to the **Drag here to use split screen** area.

2. If the app you need is in the recent apps list, touch it to set it as the second app. Or touch the **Home** key to find the app you need and open it as the second app.

To turn off split-screen mode, touch and hold the **Recent apps** key, or drag the handle 🔲 to the edge of the screen.

Uninstalling or Disabling an Application

1. Touch the **Home** key **>** (⋯) to open the application list screen.
2. Touch and hold an application icon and drag the icon to 🗑 or ⃠ at the top of the screen.
3. Touch **OK** to uninstall or disable the app.

📝 **NOTES:**

*   Preinstalled apps cannot be uninstalled, and not all apps can be disabled.
*   To find the disabled applications, touch the **Home** key **>** (⋯) **> Settings > Application manager**. Touch **All apps > Disabled**. You can then touch an application and touch **ENABLE** to enable it.

Connecting to Networks and Devices

Connecting to Mobile Networks

Control Mobile Data Use

1. Touch the **Home** key > ⊙ > **Settings** > **Mobile networks**.
2. Touch the **Mobile Data** switch to enable or disable mobile data use.

Set Access Point Names

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

1. Touch the **Home** key > ⊙ > **Settings** > **Mobile networks**.
2. Touch **Access Point Names** and then touch ⊕.
3. Touch each item to enter the information you get from your service provider.
4. Touch ⋮ > **Save** to complete.

✏ **NOTE:**

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

Connecting to Wi-Fi®

Wi-Fi is a wireless networking technology that can provide Internet access at distances of up to 300 feet (100 meters), depending on the Wi-Fi router and your surroundings.

Turn Wi-Fi On and Connect to a Wi-Fi Network

1. Touch the **Home** key > (:::) > **Settings** > **Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** position to turn on Wi-Fi.
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.

Get Notified of Open Networks

1. Touch the **Home** key > (:::) > **Settings** > **Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** position.
3. Touch 🔧.
4. Slide the **Network notification** switch to the **On** position.

When Wi-Fi is on, you receive notifications in the status bar when your phone detects an open Wi-Fi network.

Slide the **Network notification** switch to the **Off** position to turn off notifications.

Add a Wi-Fi Network

You can add a Wi-Fi network if the network does not broadcast its name (SSID) or to add a Wi-Fi network when you are out of range.

To connect to a secured network, you first need to get the security details from the network's administrator.

1. Touch the **Home** key > ⊕ > **Settings > Wi-Fi.**
2. Slide the **Wi-Fi** switch to the **On** 🔵 position.
3. Touch **Add network**.
4. Enter the network SSID (name). If necessary, enter security or other network configuration details.
5. Touch **SAVE**.

Forget a Wi-Fi Network

You can make your phone forget about the details of a Wi-Fi network that you added – for example, if you don't want the phone to connect to it automatically or if it is a network that you no longer use.

1. Touch the **Home** key > ⊕ > **Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** 🔵 position.
3. Touch 🔧 > **Saved networks**.
4. Touch the Wi-Fi network name and then touch **FORGET**.

Connect to a WPS Network

Wi-Fi Protected Setup (WPS) is a feature that makes it easy to add your phone to the access points that support WPS.

You can use one of the following methods to connect your phone to a wireless network using WPS.

Method one: WPS button (Recommended)

1. Touch the **Home** key **>** (:::) **> Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** 🔵 position.
3. Touch **⋮ > Advanced > WPS Push Button**.
4. Press the WPS button on the wireless router and the access point will recognize your phone and add it to the network.

Method two: PIN

1. Touch the **Home** key **>** (:::) **> Settings > Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** 🔵 position.
3. Touch **⋮ > Advanced > WPS Pin Entry**.
4. The WPS PIN displays on the screen. Enter the PIN into the access point's setup page.

After entering the PIN, your phone automatically finds the access point and configures the connection.

🖉 NOTE:

For detailed information about the WPS feature of the access point, please refer to its user manual.

Adjust Advanced Wi-Fi Settings

1. Touch the **Home** key **>** (:::) **> Settings > Wi-Fi**.
2. Touch ⚙ to adjust the following settings.
    ▸ **Network notification:** Get notifications in the status bar when Wi-Fi is on and an open network is available.
    ▸ **Show Wi-Fi popups:** When opening apps, show popups of Wi-Fi availability.

- ▸ **Avoid bad Wi-Fi connections:** Use the mobile network whenever the Wi-Fi network you're connected to has no Internet connection.
- ▸ **Keep Wi-Fi on when screen is off:** Choose whether or not to keep Wi-Fi on in sleep mode.
- ▸ **MAC address:** Check the MAC address.
- ▸ **IP address:** Check the phone's IP address.

- or -

Touch ⋮ **> Advanced** to adjust the following settings.

- ▸ **Install certificates:** Install certificates needed for connecting to certain Wi-Fi networks.
- ▸ **Wi-Fi Direct:** Use the Wi-Fi Direct feature. See Using Wi-Fi Direct.
- ▸ **WPS Push Button:** Connect to a WPS network via the push button method.
- ▸ **WPS Pin Entry:** Connect to a WPS network via the phone PIN method.

Using Wi-Fi Direct®

Wi-Fi Direct allows Wi-Fi devices to share files and data directly by connecting to each other without the need for wireless access points (hotspots).

Connect to Another Device via Wi-Fi Direct

1. Touch the **Home** key **>** (:::) **> Settings > Wi-Fi**.
2. If Wi-Fi is off, slide the **Wi-Fi** switch to the **On** ⬤ position.

3. Touch ⋮ > **Advanced > Wi-Fi Direct**. Your phone will search for other devices enabled with Wi-Fi Direct connections.
4. Touch a device name below **Peer devices** to connect with it.
   The other device will receive a connection prompt and need to accept the request for connection. Both devices may need to enter a common PIN.
5. Once connected the device is displayed as "Connected" in the **Peer devices** list.

Send Data via Wi-Fi Direct

1. Open the appropriate application and select the file or item you want to share.
2. Select the option for sharing via Wi-Fi Direct. The method may vary by application and data type.
3. Touch a device the phone has connected with or wait for it to search for new devices and touch one of them.

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 about 30 feet (10 meters). The Bluetooth devices must be paired before the communication is performed.

Turn Bluetooth On/Off

1. Touch the **Home** key **>** ⊕ **> Settings > Bluetooth**.
2. Slide the **Bluetooth** switch to the **On** ⬤ or **Off** ◯ position.

When Bluetooth is on, the ✳ icon will appear in the status bar.

Change the Device Name

1. Touch the **Home** key **>** ⊕ **> Settings > Bluetooth**.
2. Slide the **Bluetooth** switch to the **On** ⬤ position if Bluetooth is off.
3. Touch ⋮ **> Rename this device**.
4. Edit the name and touch **RENAME**.

Pair With Another Bluetooth Device

1. Touch the **Home** key **>** ⊕ **> Settings > Bluetooth**.
2. Slide the **Bluetooth** switch to the **On** ⬤ position if Bluetooth is off.
   Your phone automatically scans for and displays the IDs of all available Bluetooth devices in range. Touch ⋮ **> Refresh** if you want to scan again.
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.

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.

Forget a Bluetooth Device

You can make your phone forget its pairing connection with another Bluetooth device. To connect to the device again, you need to search for it and enter or confirm a passkey again.

1. Touch the **Home** key **>** ⦂⦂⦂ **> Settings > Bluetooth** and ensure that Bluetooth is turned on.
2. In the list of paired devices, touch ⚙ beside the Bluetooth device you want to forget.
3. Touch **FORGET**.

Send Data via Bluetooth

1. Open the appropriate application and select the file or item you want to share.
2. Select the option for sharing via Bluetooth. The method may vary by application and data type.
3. Touch a Bluetooth device the phone has paired with or wait for it to search for new devices and touch one of them.

Receive Data via Bluetooth

1. Turn Bluetooth on before trying to receive data via Bluetooth.

2. Touch **ACCEPT** to start receiving the data. If necessary, swipe down on the Status Bar, and touch **ACCEPT** on the Bluetooth sharing notification.

Depending on your storage setting and whether a microSDXC card is installed, received files are stored automatically in a dedicated folder (Bluetooth, for instance). You can access them with the File Manager app.

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 internal storage or on a removable microSDXC card.

Connect Your Phone to a Computer via USB

1. Connect your phone to the PC with a USB cable.
2. Open the notification panel and touch the notification with 🖤.

   Alternatively, if the screen prompts you, touch **OTHER USB OPTIONS**.
3. Choose one of the following options:
   ▸ **Charge only:** Charge your phone via USB.
   ▸ **Install driver:** Install the driver needed for some USB connection modes (such as MTP). You only need to install the driver on the same PC once.
   ▸ **Media device (MTP):** Transfer files on Windows® or Mac®.
   ▸ **Camera (PTP):** Transfer photos using camera software.

NOTES:

- To make your phone connect to the computer automatically using the selected connection type, check **Don't ask me again**.
- In Install driver mode, you can manually install the driver on the PC by running the executable file in the CD-ROM drive.
- For Windows XP, install the drivers and Windows Media® Player 11 (or later version) when you use Media device (MTP) for the first time.
- Every time you connect the phone and the computer in Media device (MTP) mode, touch **ALLOW** or **DENY** on the popup window to make files on the phone accessible or inaccessible from the computer.

Disconnect Your Phone From the Computer

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

Using the microSDXC Card as Portable or Internal Storage

You can use your microSDXC card as portable storage when there's already content such as your media and other files so that you don't lose them.

If your microSDXC card is new or doesn't have content you want to keep, you can also set it up as an extension of the phone storage, and this requires formatting that prevents the microSDXC card from working with other devices.

⚠ CAUTION:

As part of the internal storage, the microSDXC card may have data on it that is necessary for some apps to function normally. Therefore, do not remove or replace the card randomly.

Set Up the microSDXC Card as Portable Storage

When you install a microSDXC card that has not been used on your phone before, the phone will mount the card as portable storage by default.

To remove the microSDXC card from your phone:

If you need to remove the microSDXC card used as portable storage while the phone is on, you must unmount it first.

1. Touch the **Home** key **> ⬚ > Settings > Storage**.
2. Touch ⏏ next to the SD card name in the SD card section.
3. When the screen prompts the card is safely ejected, you can remove it from the phone.

To erase and format the microSDXC card:

1. Touch the **Home** key **> ⬚ > Settings > Storage**.
2. Touch the SD card name in the SD card section.
3. Touch **Format**.
4. Touch **ERASE & FORMAT**.

⚠ CAUTION:

The formatting procedure erases all the data on the microSDXC card, after which the files CANNOT be retrieved.

Set Up the microSDXC Card as Internal Storage

If your microSDXC card is new or doesn't have content you want to keep, you can format the card and use it as part of the internal storage. If you move the microSDXC card to another device, it'll be formatted before it can be used.

1. Touch the **Home** key > ⊕ > **Settings** > **Storage**.
2. Touch the SD card name in the SD card section.
3. Touch **Format as internal**.
4. Touch **ERASE & FORMAT**.

   ⚠️ **CAUTION:**

   The formatting procedure erases all the data on the microSDXC card, after which the files CANNOT be retrieved.

5. The phone will prompt you to move your photos, files and other data from the phone to the microSDXC card. Select **Move now** or **Move later** and touch **NEXT**. Follow the onscreen instructions to continue.

To move data between the phone and the microSDXC card:

With the microSDXC card as part of the internal storage, you can move your photos, files and other data between the phone and the card any time.

1. Touch the **Home** key > ⊕ > **Settings** > **Storage**.
2. Touch **Phone** or the SD card name.
3. Touch **Migrate data**.
4. Touch **MOVE**.

NOTE:

Whenever you move data between the phone and the microSDXC card, the destination is used to save new apps and personal data (such as photos and videos) and only the destination is accessible from a computer.

To remove the microSDXC card from your phone:

If you need to remove the microSDXC card used as internal storage while the phone is on, you must unmount it first.

1. Touch the **Home** key **> ⦂⦂⦂ > Settings > Storage**.
2. Touch your SD card name below **Internal Storage**.
3. Touch **Remove SD card**.

   NOTE:

   Before ejecting the card, ensure that you have moved data and apps to the phone.

4. Touch **EJECT**.
5. When the screen prompts the card is safely ejected, you can remove it from the phone.

To reformat the microSDXC card as portable storage:

If you no longer want to use your microSDXC card as internal storage, you can reformat the card as portable storage.

NOTE:

Before the formatting, ensure that you have moved data and apps to the phone.

1. Touch the **Home** key **> ⦂⦂⦂ > Settings > Storage**.
2. Touch your SD card name below **Internal Storage**.
3. Touch **Format as portable**.

4. Touch **FORMAT**.

⚠️ **CAUTION:**

The formatting procedure erases all the data on the microSDXC card, after which the files CANNOT be retrieved.

Sharing Your Mobile Data Connection

Share Your Mobile Data Connection via USB

You can access the Internet on your computer via the USB tethering feature of your phone. The feature needs data connection on a mobile network and may result in data charges.

✏️ **NOTE:**

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

1. Connect your phone to your computer with a USB cable.
2. Touch the **Home** key **>** ⊕ **> Settings > Tethering & Mobile Hotspot**.
3. Switch on **USB tethering**. A new network connection will be created on your computer.

✏️ **NOTE:**

To stop sharing your data connection, switch off **USB tethering** or disconnect the USB cable.

Share Mobile Data Connection via Bluetooth

If your computer can obtain an Internet connection via Bluetooth, you can configure your phone to share its mobile data connection with your computer.

1. Pair your phone with your computer via Bluetooth.
2. Configure your computer to obtain its network connection via Bluetooth. For more information, please see your computer's documentation.
3. Touch ◯ > **Settings > Tethering & Mobile Hotspot**.
4. Switch on **Bluetooth tethering**. Your computer is now sharing your phone's data connection.

NOTE:

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

Share Mobile Data Through a Mobile Hotspot

You can share your phone's data connection with other devices by turning your phone into a mobile hotspot. The feature requires a data connection on a mobile network and may result in data charges.

NOTE:

When the mobile hotspot feature is enabled, you cannot use your phone's Wi-Fi capability to access the Internet. You still remain connected to the Internet via your mobile data network.

1. Touch the **Home** key > ⦂⦂⦂ > **Settings > Tethering & Mobile Hotspot > Mobile Hotspot**.
2. Slide the switch to the **On** ⬤ position. (If Wi-Fi was active, touch **OK** to deactivate it.) After a moment, the phone starts broadcasting its Wi-Fi network name (SSID).
3. On another device, locate your phone via Wi-Fi and connect with it to start using the phone's mobile data.

✎ NOTE:

To stop sharing your data connection, slide the switch to the **Off** ⬤ position.

Set Up Your Mobile Hotspot

You can change your phone's Wi-Fi network name (SSID), secure your mobile hotspot, and set other options.

1. Touch the **Home** key **> ⦂⦂⦂ > Settings > Tethering & Mobile Hotspot > Moible Hotspot**.
2. Touch an option to configure options.
   - ▸ **Configure:**
     - **Network name:** Enter or edit a network SSID (name) that other devices see when scanning for Wi-Fi networks.
     - **Channel:** Select a Wi-Fi channel for your mobile hotspot, or set as **Auto**.
     - **Security:** Choose a security option: **Open** (not recommended) or **WPA2 PSK** (other users can access your hotspot only if they enter the correct password). When you select **WPA2 PSK**, touch the **Password** field to edit the security password.
     - **Show password:** If you have chosen WPA2 PSK security, check or uncheck to show or hide the password.
     - **Broadcast network name (SSID):** Check to broadcast or uncheck to hide your network name (SSID). If the broadcast is disabled, other users need to know your network SSID to find the mobile hotspot.

- **Show advanced options:** Check to select a 802.11 mode.
- ▸ **Manage users:** Block or unblock users, or set the maximum number of devices that can connect to the hotspot simultaneously.
- ▸ **Sleep policy:** Set hotspot sleep policy and notification.

Connecting to Virtual Private Networks

Virtual private networks (VPNs) allow you to connect to the resources inside a secured local network. VPNs are commonly deployed by corporations, schools, and other institutions to let people access local network resources when not on campus, or when connected to a wireless network.

Depending on the type of VPN you are using, you may be required to enter your login credentials or install security certificates before you can connect to your VPN. You can get this information from your network administrator.

🖉 NOTE:

You need to set a lock screen pattern, PIN, or password before you can use credential storage (VPN).

Add a VPN

1. Touch the **Home** key **>** (⋮⋮) **> Settings > More > VPN**.
2. Touch ╋ and enter the VPN name.
3. Select the VPN type, enter the server address and other information provided by your network administrator. Check **Show advanced options** to fill out additional details.
4. Touch **SAVE**.

The VPN is added to the list on the VPN screen.

Connect to a VPN

1. Touch the **Home** key **>** (⋮⋮) **> Settings > More > VPN**.
2. Touch the VPN that you want to connect to.
3. When prompted, enter any requested credentials and then touch **CONNECT**.

Modify a VPN

1. Touch the **Home** key **>** (⋮⋮) **> Settings > More > VPN**.
2. Touch ⚙ beside the VPN that you want to modify.
3. Edit the VPN settings and then touch **SAVE**.

Phone Calls

You can place calls from the Phone app, the Contacts app, or other apps or widgets that display contact information. Wherever you see a phone number, you can usually touch it to dial.

Placing and Ending Calls

Place a Call by Dialing

1. Touch the **Home** key > 📞 > ⊞ .
2. Enter the phone number or the contact name with the dialpad. Touch ⊗ to delete incorrect digits/letters.

   🖋 **NOTE:**

   As you enter the phone number or 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.

You can also touch the search box at the top of the Phone app screen and enter the phone number or contact name you want to call. Touch the matching contact or **Call [number]** to place the call.

🖋 **NOTES:**

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

- To redial the last call you made, touch the **Home** key > 📞 > ⊞ > 📞 and touch 📞 again.

End a Call

During a call, touch 📞 on the screen.

Answering or Rejecting Calls

When you receive a phone call, the incoming call screen opens, displaying the Caller ID or the information about the caller that you've entered in the Contacts app. You can answer or reject the call, or reject it with a text message.

Answering a Call

To answer an incoming call,
- If the phone screen is active, touch 📞.
- If the phone screen is locked, slide 📞 down to 📞.

📝 **NOTE:**

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

Rejecting a Call

To reject an incoming call,
- If the phone screen is active, touch 📞.
- If the phone screen is locked, slide 📞 up to 📞.
  You can also reject the call and select a preset text message or write one to send to the caller.
- If the phone screen is active, touch 📧.
- If the phone screen is locked, touch **MESSAGE REJECT**.

NOTE:

To edit the preset text responses from within the Phone app, touch ⋮ > **Settings > Quick responses**.

Working With 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.

To open the call history, touch the **Home** key > 📞 > ⋮ (in the top search field) > **Call History**.

Place a Call From the Call History

1. Open the call history.
2. Touch a number for more information about the call, or touch 📞 beside it to call back.

NOTE:

You can touch 📥 , 📤 , or 📥 to filter the records by call type.

Save a Call History Number to a Contact

1. Open the call history.
2. Touch the circle in front of a number.
3. Touch +👤 on the contact information tab.
4. To add the number to an existing contact, touch a contact in the list. To add a new contact, touch **Create new contact**.

Take Other Actions on a Call History Entry

1. Open the call history.
2. Touch a number and then touch **Call details** to view more call information. While viewing the call details, you can:
   - ▸ Touch 🗑 to delete the entry.
   - ▸ Touch **Edit number before call** to edit the number in the dialer before calling it.
   - ▸ Touch the circle in front of the entry to open the contact information tab from the bottom of the screen. If the number is in your Contacts, you can send a message, call back, edit the contact, add the contact to favorites. If the number is not saved, you can save it to Contacts, call, or send a message.

🖊 **NOTE:**

You can touch ⋮ **> Clear call history** in the call history screen to delete all history records.

Calling Your Contacts

1. Touch the **Home** key **>** 📞 . Your favorite contacts and frequently called contacts are displayed in the **FAVORITES** tab.
2. Touch a contact to place the call, or touch the **CONTACTS** tab and then touch 📞 beside a contact to make a call.

Checking Voicemail

If you have set the phone to divert calls to voicemail, callers can leave voicemail messages when they cannot reach you. Here's how to check the messages they left.

1. Touch the **Home** key **>** 📞 **>** ⏺.
2. Touch and hold the **1** key in the dialer. If prompted, enter your voicemail password.
3. Follow the voice prompts to listen to and manage your voicemail messages.

📝 **NOTE:**

See Set Voicemail for how to set your voicemail service. For detailed information, please contact the service provider.

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 make another call separately from the first call, which is put on hold.
- 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 mute or unmute your microphone.
- Touch 🔊 to turn the speaker on or off.
- 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 merge the separate calls into a single conference call.
- 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 three-way call features are available, you can switch between two calls or set up a conference call.

✎ **NOTE:**

Options and interface will vary. The 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, you can place a second call without ending the first one.

To place the second call:

Once you have established the first call, touch ➕ and dial the second number.

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.
3. When you're connected to the second party, touch 🤙.

If one of the people you called hangs up during your 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 📞.

Adjusting Your Call Settings

You can configure a number of settings for the Phone application.

🖉**NOTE:**

Some call options are displayed only when these features are available, and some features require network support and may result in additional charges. Please contact your service provider for more information.

Set Contact Display Options

You can set the order of the contacts displayed in the **CONTACTS** tab of the Phone app.

1. Touch the **Home** key **>** 📞 **>** ⋮ **> Settings > Display options**.
2. Touch **Sort by** or **Name format** to set the order of the contacts and the format of the contact names.

Set Sound and Vibration

Set the sound and vibration for incoming calls as well as dialpad sounds.

1. Touch the **Home** key > 📞 > ⋮ > **Settings > Sounds and vibration**.
2. Touch the option you want to configure.
   ▶ Touch **Phone ringtone** to select the ringtone for incoming call notification.
   ▶ Check **Also vibrate for calls** to enable vibration for incoming call notification.
   ▶ Check **Dialpad tones** to play sounds when you touch the dialpad keys.

Set Options for Answering and Ending Calls

When enabled, the options allow you to end a call by pressing the **Power** key or make the phone vibrate when a call is answered.

1. Press the **Home** key > 📞 > ⋮ > **Settings > Answer and end calls**.
2. Check or uncheck **Power button ends call** or **Vibrate when call is answered**.

Set Speed Dials

You can touch and hold the 1~9 keys from the dialer to call the corresponding speed dial number.

The number 1 key is reserved to speed dial your voicemail.

To assign a speed dial key:

1. Touch the **Home** key **>** 📞 **>** ⋮ **> Settings > Speed dial**.
2. Touch a speed dial entry.
3. Enter a phone number or select one from the contact list.
4. Touch **OK**.

Edit Quick Response to Rejected Callers

1. Touch the **Home** key **>** 📞 **>** ⋮ **> Settings > Quick responses**.
2. Touch a text message to edit it.
3. Touch **OK** to save the message.

Set Voicemail

1. Touch the **Home** key **>** 📞 **>** ⋮ **> Settings > Call settings**.
2. Touch **Voicemail** to configure voicemail settings.
   - ▶ Touch **Service** to select the voicemail service provider. Your carrier is the default.
   - ▶ Touch **Setup** to view the voicemail number.
   - ▶ Touch **Sound** to select the notification ringtone for new voicemails.
   - ▶ Check **Vibrate** to enable vibration for notifications.

Forward Incoming Calls

The call forwarding feature allows you to forward your incoming calls to another phone number.

1. Touch the **Home** key **>** 📞 **>** ⋮ **> Settings > Call settings > Call forwarding**.
2. Touch an available option to enable it.

Block Certain Numbers

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

1. Touch the **Home** key **>** 📞 **>** ⋮ **> Settings > Call blocking**.
2. Touch **ADD A NUMBER**.
3. Enter a phone number or select one from the contact list.
4. Touch **BLOCK**.

Set TTY Mode

Your phone is a TTY compatible device. A TTY device can allow people who have hearing or speech disabilities to communicate by telephone. Simply connect the TTY device to the phone's headset jack.

Select a TTY mode for your phone to work with a TTY device, or turn TTY off.

1. Touch the **Home** key **>** 📞 **>** ⋮ **> Settings > Accessibility > TTY mode**.
2. Select one of the following options. Consult your teletypewriter manufacturer's manual if necessary.

▶ **TTY Off:** Users who can hear and talk can disable TTY support.

▶ **TTY Full:** Users who cannot talk or hear may use this mode to send and receive text messages through TTY device.

▶ **TTY HCO:** Users who can hear, but cannot talk, may use this mode to listen to conversation of the other party, and respond via text messages.

▶ **TTY VCO:** Users who can talk, but cannot hear, may use this mode to talk through the phone and receive responses via text messages.

Set Hearing Aids

Your phone supports HAC (Hearing Aid Compatibility) function. When you turn on the hearing aid compatibility and use a hearing aid with a telecoil to answer the phone, it will help you hear more clearly during the phone call.

1. Touch the **Home** key **> > > Settings > Accessibility**.

2. Check **Hearing aids** to turn on hearing aid compatibility.

⚠ **CAUTION:**

Do not turn on the Hearing aids option unless you use a hearing aid with a telecoil. Using this setting without a hearing aid or with a hearing aid without a telecoil may be harmful to your hearing.

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, touch the **Home** key **>** 👤 . From there, you can touch the tabs to quickly switch to your contact groups or favorite contacts.

Checking Contact Details

1. Touch the **Home** key **>** 👤 **> CONTACTS**.
2. Scroll through the list to view all your contacts.
3. Touch a contact to view its details.

📝 **NOTE:**

If you have a lot of contacts stored, you'll see a slider on the right side of the screen. To go directly to a letter, drag the slider to a letter.

Adding a New Contact

1. Touch the **Home** key **>** 👤 **> CONTACTS**.
2. Touch 👤 to add a new contact.
3. Enter the contact name, phone numbers, and email addresses. Touch **More Fields** to enter other information. If you have multiple account types associated with your phone, touch the contact account field at the top and select a contact type. If a sync account is selected, the contacts will be synced automatically with your account online.
4. Touch ✓ to save the contact.

Setting Up Your Own Profile

You can create your own name card in your phone.

1. Touch the **Home** key **>** 👤 and touch the **CONTACTS** tab.
2. Touch **Set up my profile**. If a profile has been set up, touch the listing below **ME** and touch ✏️.
3. Edit your profile information. Touch **More Fields** to add more information if desired.
4. Touch ✓ to save.

Importing, Exporting, and Sharing Contacts

You can import/export contacts from/to the phone storage or a microSDXC card. This is especially useful when you need to transfer contacts between different devices. You can also quickly share your contacts using Bluetooth, Email, Gmail, Google Drive, Message+, or Messaging.

Import Contacts From the microSDXC Card or Phone Storage

1. Touch the **Home** key **>** 👤 .
2. Touch ⋮ **> Import/Export > Import from storage**.
3. If prompted, choose to import one, multiple, or all vCard files, and then touch **OK**.
4. If necessary, choose the vCard file(s) you would like to import, and then touch **OK**.

Export Contacts to the microSDXC Card or Phone Storage

1. Touch the **Home** key > 👤 .
2. Touch ⋮ > **Import/Export** > **Export to storage**.
3. The phone will prompt you with the name of the vCard file. Touch **OK** to create the file.

Share Contacts

1. Touch the **Home** key > 👤 > **CONTACTS**.
2. Touch and hold the contact you want to share.
3. Touch to select more contacts if needed, and then touch ⋖ .
4. Choose how to share the contacts. The options available depend on the applications and services installed.

✐ NOTE:

You can also share your contacts by choosing **Share visible contacts** in the Import/Export contacts menu.

Working With Favorite Contacts

You can add the contacts you use frequently to **FAVORITES** so that you can find them quickly.

Add a Contact to Favorites

1. Touch the **Home** key > 👤 > **CONTACTS**.
2. Touch a contact and then touch ☆ at the top of the screen.

Remove a Contact From Favorites

1. Touch the **Home** key **> ⬛ > FAVORITES**.
2. Touch a favorite contact and then touch ⭐ .

Working With Groups

View Your Contact Groups

1. Touch the **Home** key **> ⬛ > GROUPS**.
2. Scroll through the list to view the preset groups and any groups you have created.
3. Touch a group to view its members.

📝 NOTE:

To send a message or an email to the group members, touch 🔳 beside the group's name in the list.

Set Up a New Group

1. Touch the **Home** key **> ⬛ > GROUPS**.
2. Touch 🔘 to create a new group.
3. Touch the **Group's name** field and enter a name.
4. Touch **Add member** and select the contacts you wish to be the group members.
5. Touch ✓ .
6. If necessary, touch the field below **RingTone** and **Notification sound** to set a special ringtone for incoming calls and messages from the group members, and then touch **OK**.
7. Touch ✓ to save the group.

Delete a Group

1. Touch the **Home** key **>** 👤 **> GROUPS**.
2. Touch a group and then touch ⋮ **> Delete group**.
3. Touch **OK** to disband the group. The contacts in the group will not be deleted.

Edit a Group

1. Touch the **Home** key **>** 👤 **> GROUPS**.
2. Touch a group **>** ⋮ **> Edit group**.
3. Touch the group name to edit it, or touch the field below **Member**, **RingTone**, or **Notification sound** to add more members or change the ringtone.
4. Touch ✓ .

📝 NOTE:

To remove group members, touch a group and then touch ⋮ **> Remove members** and select the members you would like to remove. Touch 🗑 **> OK**.

Searching for a Contact

1. Touch the **Home** key **>** 👤 and then touch 🔍 to search.
2. Enter the contact name or other information (such as phone number) you want to search for. The contacts matched will be listed.

Editing Contacts

Edit Contact Details

1. Touch the **Home** key **>** 👤 **> CONTACTS**.
2. Touch a contact and then touch 🖊.
3. Edit the contact and touch ✓ .

Set a Ringtone for a Contact

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

1. Touch the **Home** key **>** 👤 **> 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**.
5. Touch ✓ .

Delete Contacts

1. Touch the **Home** key **>** 👤 **> CONTACTS**.
2. Touch and hold the contact you want to remove.
3. Check more contacts if needed, and then touch 🗑.
4. Touch **OK** to confirm.

Linking 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. Touch the **Home** key > 👤 > **CONTACTS**.
2. Touch a contact entry to display the contact's details.
3. Touch ✏ > ⋮ > **Link**.
4. Touch the contact whose information you want to link with the first entry.
5. Touch ✓ to save the joined contact.

🖉 NOTES:
- The information from the second contact is added to the first contact, and the second contact is no longer displayed in the contacts list.
- You can repeat these steps to link another contact to the main contact.

Separating Contact Information

If contact information from different sources was linked by mistake, you can separate the information back into individual contacts on your phone.

1. Touch the **Home** key > 👤 > **CONTACTS**.
2. Touch a contact you want to separate.
3. Touch ✏ > ⋮ > **Unlink**.
4. Touch **UNLINK** to confirm.

Web Accounts

Adding or Removing Accounts

You can add multiple Google accounts and Microsoft Exchange ActiveSync® accounts. You may also add other kinds of accounts, depending on the apps installed on your phone.

Add an Account

1. Touch the **Home** key **>** ⊚ **> Settings > Accounts > Add account**.
2. Touch the type of account you want to add.
3. Follow the on-screen steps to enter the information about the account. Most accounts require a username and password, but the details may vary. You may also need to obtain some information from IT support or your system administrator.

When the account is successfully added, it is displayed in the Accounts menu in Settings.

Remove an Account

Removing an account will delete it and all information associated with it, such as emails and contacts, from your phone.

1. Touch the **Home** key **>** ⊚ **> Settings > Accounts**.
2. Touch the account category and then touch the account you'd like to remove.
3. Touch ⋮ **> Remove account > REMOVE ACCOUNT**.

Configuring Account Sync

Configure Auto Sync Setting

1. Touch the **Home** key **>** ⊕ **> Settings > Accounts**.
2. Touch ⋮ **> Auto-sync data** to enable or disable automatic sync.
3. Touch **OK**.
   - ▶ When automatic sync is turned on, changes you make to information on your phone or on the web are automatically synced with each other.
   - ▶ When automatic sync is turned off, you need to sync manually to collect emails, updates, or other recent information.

Sync Manually

1. Touch the **Home** key **>** ⊕ **> Settings > Accounts**.
2. Touch the account category and then the account you want to sync.
3. Touch ⋮ **> Sync now**.

Change an Account's Sync Settings

1. Touch the **Home** key **>** (⊕) **> Settings > Accounts**.
2. Touch the account category and then the account. The Sync screen appears, showing a list of information the account can sync.
3. When Auto-sync data is enabled, switch items on or off as you need. The enabled types of information will be kept in sync automatically between the phone and the web. When Auto-sync data is disabled, touch a listing to sync that type of information between the phone and the web.

Email

Touch the **Home** key **>** ![icon]. Use it to read and send emails from Microsoft Exchange ActiveSync, Outlook, Yahoo!®, AOL, and more.

Setting Up the First Email Account

1. Touch the **Home** key **>** ![icon].
2. Select an email server and enter the email address and password.
3. Touch **NEXT** to let the phone retrieve the network parameters automatically.

✐**NOTE:**

You can also enter these details manually by touching **MANUAL SETUP** or if automatic setup fails.

4. Follow the on-screen instructions to finish setup.

Your phone will show the inbox of the email account and start to download email messages.

Checking Your Emails

Your phone can automatically check for new emails at the interval you set when setting up the account.

You can also check new emails manually by dragging down on the message list. Touch **LOAD MORE** at the bottom of the email list to download earlier messages.

Responding to an Email

You can reply to or forward a message that you receive. You can also delete messages and manage them in other ways.

Reply to or Forward an Email

1. Open the email you want to reply to or forward from the Inbox.
2. Choose one of the following:
   - ▶ To reply to the sender, touch ◀ .
   - ▶ To reply to the sender and all recipients of the original message, touch ◀ .
   - ▶ To forward the email to someone else, touch ➡ .
3. Edit your message and touch ➤ .

Mark an Email as Unread

You can return a read email to the unread state – for example, to remind yourself to read it again later. You can also mark a batch of emails as unread.

- While reading a message, touch **⋮ > Mark unread**.
- While in a message list (for instance, the inbox), touch the sender image before the message and then touch ✉ .

Delete an Email

You can delete an email from its folder. You can also delete a batch of emails.

- While reading a message, touch 🗑 .
- While in a message list (for instance, the Inbox), touch the sender image before the message and then touch 🗑 .

🖉 **NOTE:**

If you accidentally delete an email, touch **UNDO** to retrieve it.

Writing and Sending an Email

1. Open your email Inbox and touch ⊕ .

   🖉 **NOTE:**

   If you have more than one email account added on the phone, touch the **From** field to select the account you want to use for sending the message.
2. Enter a contact name or email address in the **To** field. Separate each recipient with a comma. You can also touch **+** to select recipients from your contacts or history.

   🖉 **NOTE:**

   To send a carbon copy or blind carbon copy to other recipients, touch ∨ beside the **To** field to open the Cc/Bcc fields and enter the contact names or email addresses.

3. Enter the email subject and compose the email text.
4. Touch ⊜ to add audio files, images, videos, and other types of files as attachments.
5. Touch ▶ at the top of the screen to send the message.

Adding a Signature to Your Emails

You can set a few lines of plain text as a signature for every outgoing email message from an account, such as your name and contact information.

1. Open the Email app.
2. Touch ☰ **> Settings** and select the account you want to add a signature to.
3. Touch **Signature** and enter the text.
4. Touch **OK**.

Adding and Editing Email Accounts

Add an Email Account

After setting up your first email account (see Setting Up the First Email Account), you can add more email accounts and manage them separately.

1. Open the Email app.
2. Touch ☰ **> Settings > Add account**.
3. Set up the account as you did with the first one.

Edit an Email Account

You can change a number of settings for an account, including how often you check for email, how you're notified of new emails, and details about the servers the account uses to send and receive emails.

1. Open the Email app.
2. Touch ▤ **> Settings** and touch the account whose settings you want to change.
3. Make the changes you want and touch ← or the **Back** key when you're finished.

Remove an Email Account

1. Open the Email app.
2. Touch ▤ **> Settings** and touch the account you want to remove.
3. Touch **Remove account from this device > OK**.

Changing General Email Settings

General settings apply to all email accounts you add.

1. Open the Email app.
2. Touch ▤ **> Settings > General settings**.
3. Make the changes you want and touch ← or the **Back** key when you're finished.

Messaging

Two apps are preloaded on your phone that allow you to send text messages (SMS) and multimedia messages (MMS). You can choose the default messaging app in **Settings > Application manager.**

Opening the Messaging Screen

Touch the **Home** key **>** (⋮⋮⋮) **>** 🔲 .

The Messaging screen opens, where you can create a new message, search for messages, or open an ongoing message thread.

- Touch ⊕ to write a new text or multimedia message.
- Touch 🔍 to search for a message using keywords.
- Touch an existing message thread to open the conversation.

Sending a Message

1. On the Messaging screen, touch ⊕ .
2. Add recipients in one of the following ways.
   - ▶ Manually enter the recipient's number or the 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 recipients from your contacts by touching **FREQUENTS** or **ALL CONTACTS** and touching a name.

▶ To add more recipients, enter another number or contact name, or touch to select from your contacts.

3. Touch the **Send message** field and enter the content of your text message.

4. If you want to send a multimedia message, touch to attach a file to the message.

5. Touch .

NOTES:

• You can also include email addresses as recipients for multimedia messages.

• Do not add any attachment if you want to send a text message. Otherwise you may be charged for a multimedia message.

Replying to a Message

Messages you receive are appended to existing threads of the same number. If the new message comes from a new number, a new thread is created.

1. On the Messaging screen, touch the thread that has the message you want to reply to.

2. Type your reply in the text field at the bottom. You can touch if you want to reply with an MMS.

3. Touch .

Forwarding a Message

1. On the Messaging screen, touch the thread that has the message you want to forward.
2. Touch and hold the message, and then touch ➤ .
3. Enter a recipient for the message and edit the content if needed.
4. Touch ▶ .

Deleting Messages or Threads

Delete a Message in a Thread

1. On the Messaging screen, touch a thread.
2. Touch and hold the message you want to delete.
3. Touch 🗑 > **DELETE**.

Delete Message Threads

1. On the Messaging screen, touch and hold one thread you want to delete.
2. If there are more threads you want to delete, touch them one by one.
3. Touch 🗑 > **DELETE**.

Changing Message Settings

Touch ⋮ > **Settings** in the Messaging screen to change Messaging settings.

Calendar

Calendar on the phone works with the web-based Google Calendar™ service for creating and managing events, meetings, and appointments. It also works with the Microsoft Exchange ActiveSync calendar once you sign into your Exchange account on the phone.

To open Calendar, touch the **Home** key **>** ⊕ **> Calendar**.

Viewing Your Calendars and Events

Select Visible Calendars

1. Open the Calendar app.
2. Touch ⋮ **> Calendars to display**.
3. In the new screen, touch to check the calendars you want to see or uncheck the ones you'd like to hide.

Events from hidden calendars are not shown in the Calendar app.

Change Calendar Views

You can view your calendars in different forms. The app offers four view types: Month, Week, Day, and Agenda.

To change calendar views, touch the current view at the top left and select the view you prefer.

*   In Month, Week, or Day view, swipe horizontally to see previous and future months, weeks, or days.
*   In Agenda view, swipe vertically to see all your events.
*   When you are viewing past or future days, weeks, or months, touch 🗓 at the top to quickly switch to today. The number in the icon changes with the actual date.

- To quickly switch to a specific date, touch ⋮ **> Go to date**, swipe horizontally to find the month you want, and touch a day **> OK**.

View Event Details

In Agenda, Day, or Week view, touch an event to view its details.

In Month view, touch a day to view events on that day, and then touch an event to view its details.

Creating an Event

1. In any Calendar view, touch ➕ to open an event details screen for a new event.
   You can also touch a spot in Day or Week view twice to add an event to that time spot.

   ✎**NOTE:**
   If you have more than one calendar, you can choose the calendar to which to add the event by touching the current calendar above the Event name line.

2. Add details about the event. Different calendars may present different event details fields for you to fill in.

3. Touch **SAVE** to save the new event.

✎**NOTE:**
You can also create a new event by copying the details of an existing event. Just open the event details screen and touch ⋮ **> Copy**. Then edit the new event information and touch **SAVE**.

Editing, Deleting, or Sharing an Event

1. Find the event you want to edit, delete, or share.
2. Open its details screen (see View Event Details).
3. Choose one of the following options.

   ▶ To edit the event, touch 🖊. Touch **SAVE** to save your changes.

   ▶ To delete the event, touch 🗑 **> OK**.

   ▶ To share the event, touch 🔗 and choose how to share.

Changing Calendar Settings

To change Calendar settings, open a Calendar view (Day, Week, Month, or Agenda) and then touch ⋮ **> Settings**.

You can change General settings, which apply to all accounts, or other settings that only apply to specific accounts.

- To add an email account, touch ⋮ **> Settings >** 👤+ to add a corporate or Google account.
- For General settings, choose options for Calendar view setting and Notifications & reminders. You can choose to show the week number, set the day of the week the calendar starts on, and use home time zone when you are traveling. You can also choose event reminder settings such as notification sound, vibrate, default reminder time, and more.

Searching an Event

Touch **> Search event** and then type the event in the Search field, or touch to speak out the event you want to search.

Browser

Use Chrome to view web pages and search for information.

Opening the Browser

Touch the **Home** key **>** 🌐 to launch the web browser. The browser also opens when you touch a web link – for example, in an email or a text message.

1. Open the Chrome 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.

Setting the Home Page

Your home page opens whenever you launch the web browser after closing it or restarting your phone.

1. Open the Chrome app.
2. Touch ⋮ **> Settings > Home page**.
3. If necessary, touch the switch to the **On** position.
4. Touch Open this page.
5. Enter the URL and touch **Save** to set it as the home 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.

Open a New Browser Tab

Touch $\boxed{1}$ **>** $\boxed{+}$. The number shows how many tabs you have opened.

Switch Between Browser Tabs

1. Touch $\boxed{2}$ (the number shows how many tabs you have opened).
2. Titles of opened tabs appear as a list. Touch a thumbnail to switch to that tab.

📝 **NOTE:**

Swipe a title horizontally or touch **X** to close the tab.

Downloading Files

1. Touch and hold an image or a link to a file or to another web page.
2. In the menu that opens, touch **Download image** or **Download link**.

The downloaded files are saved to your phone or the microSDXC card. You can view or open them in the Downloads app.

Changing Browser Settings

You can configure a number of settings to customize the way you browse the web, including several that you can use to control your privacy.

To open the Chrome settings, touch ⋮ **> Settings** in the browser screen.

Camera

You can take photos and record videos. Photos and videos are stored on the microSDXC card, if you have installed one, or to the phone's internal storage. You can copy them to your computer or access them in the Gallery app.

Capturing a Photo

1. Touch the **Home** key > 🌐 .
2. Aim the camera at the subject and make any necessary adjustment. PHOTO (auto camera) mode is used by default.
3. Touch the area on the screen where you want the camera to focus, or let the camera autofocus on the center of the image.
4. Lightly touch ⚪ to take the picture.

Number	Function
1	Change the flash setting (back camera only).
2	Change the camera settings.
3	Change the HDR setting (back camera only).
4	Switch among the default PHOTO mode, VIDEO mode, and MANUAL mode.
5	Exit the camera.
6	Select a filter.
7	Capture a photo.
8	View pictures and videos you have taken.
9	Use special photo or video camera modes: PANORAMA, MULTI EXPOSURE, and TIMELAPSE.
10	Adjust the focus point and exposure.
11	Switch between the front and back cameras.
12	Set a time delay before the camera automatically takes a picture after you touch the shutter icon.

WARNING!

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

✎ NOTES:

- You can pinch or spread your fingers on the screen to zoom in or zoom out before taking a picture.
- In PHOTO (auto camera) mode, when you touch the screen to focus, the exposure bar appears beside the focus point. You can drag ☀ up or down to adjust the exposure.
- When you use the front camera, you can also touch 😊 to use smile detection.

Using Manual Camera Mode

You can use Manual camera mode to adjust more camera options for your photo.

1. Touch the **Home** key **>** 📷 **> MANUAL**.
2. Aim the camera at the subject. You can make the following adjustments.
   - ▶ Drag the green circle to any area on the screen that you want to focus on. Touch and hold it to lock the focus.
   - ▶ Drag the yellow square 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 square to lock exposure.
   - ▶ Touch ❯ to unfold more options, including ISO, overall exposure, white balance, interval for time-lapse pictures, and contrast.
3. Touch 📷 to take the photo.

Using Other Camera Modes

Besides capturing photos and videos in the traditional way, your Camera app offers other powerful and interesting camera modes. Touch ● ● ● in the viewfinder screen to find them.

- **PANORAMA:** Capture panorama pictures.
- **MULTI EXPOSURE:** Capture multiple photos to create collages and special effects.
- **TIMELAPSE:** Set the time interval between each frame when you record time-lapse videos with the back camera.

Recording a Video

1. Touch the **Home** key > 🟢 > **VIDEO**.
2. 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.
3. Touch ● to start recording. You can also touch ⓘ / ● to pause or resume recording, or touch ● to save the frame as a photo.
4. Touch ■ to stop recording.

📝 NOTES:

- You can pinch or spread on the screen or press the **Volume** key to zoom in or zoom out before and during recording.

- When you touch the screen to focus during recording, the exposure bar appears beside the focus point. You can drag ☀ up or down to adjust the exposure. Touch and hold the focus point to lock the focus.
- To capture a time-lapse video, touch ● ● ● > **TIMELAPSE**. Adjust the time interval. Then touch ● to begin recording and ■ to stop. You can also touch ⬤ to save the frame as a photo.

Customizing Camera and Video Settings

Before capturing a photo or video, you can touch ⚙ to open the following options.

✏ **NOTE:**

Some camera and video options will change in different camera modes.

Options in Photo Mode (Back Camera)

- **Resolution:** Set the resolution for your photo.
- **Volume key:** Assign the function of the **Volume** key.

Options in Selfie Mode (Front Camera)

- **Resolution:** Set the resolution for your photo.
- **Tap to capture:** When enabled, allows you to touch the screen to take photos.
- **Mirror image:** When enabled, allows you to capture a photo that is the same as the viewfinder preview.
- **Selfie indicator:** When enabled, shows a frame on the screen to indicator the final picture.
- **Volume key:** Assign the function of the **Volume** key.

Options in Video Mode (Front or Back Camera)

- **Video quality:** Set the quality for your video.

Options in Manual Mode (Back Camera)

- **Resolution:** Set the resolution for your photo.
- **Metering:** Adjust the light metering setting.
- **Composition:** Show or hide the grid or golden spiral to help with balanced photo composition.
- **Gradienter:** Show or hide the gradienter.
- **Volume key:** Assign the function of the **Volume** key.

General Options

- **Shutter tone:** Turn the shutter tone on or off.
- **Geo-tagging:** When enabled, store the GPS location in your captured photos and videos.
- **Save location:** Change the storage location for captured photos and videos.
- **Help:** Enable the Help icon on the viewfinder screen, or touch **More** to view help details.
- **Restore defaults:** Restore default camera and video settings.

Gallery

Opening Gallery

Touch the **Home** key **>** ⊡ **> Gallery** to view albums of your pictures and videos.

Working With Albums

When you open Gallery, all pictures and videos on your phone are displayed. Touch **Timeline/Album** to select view mode. Timeline displays contents in chronological order and Album displays in a number of albums.

View Album Contents

Touch an album to view the pictures and videos it contains.

Share Albums, Pictures, or Videos

1. Touch and hold an item in the Album view to select an album, or after you open an album, to select a picture or a video.
2. Touch more items that you want to share.
3. Touch ⬞ and select how you want to share the items.

🖊**NOTE:**

Album sharing may not be available for certain albums.

Delete Albums, Pictures, or Videos

1. Touch and hold an item in the Album view to select an album, or after you open an album, to select a picture or a video.
2. Touch more items that you want to delete.
3. Touch 🗑 **> OK**.

📝 **NOTE:**

Some albums cannot be deleted.

Hide Albums

1. Touch and hold an album to select it.
2. Touch more albums that you want to hide. The default Camera and Video albums cannot be hidden.
3. Touch 🚫 **> OK**.

📝 **NOTES:**

• Some albums cannot be hidden.
• To show the hidden albums again, touch ⋮ **> Settings > Manage hidden albums**. Touch the albums you want to restore, and then touch **Show**.

Working With Pictures

Touch a picture in an album to view the picture in full screen. Double-tap the picture, or pinch two fingers together or spread them apart to zoom out or in. Slide left or right to view other pictures in the album.
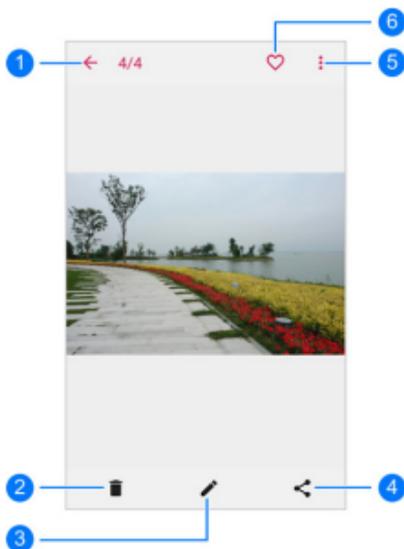
Number	Function
1	Touch to return to the album, where all its contents are displayed in a grid.
2	Delete the picture.
3	Edit the picture.
4	Share the picture.
5	View more options, such as rotate, rename, and print.
6	Add to favorites.

NOTES:

- Pinch a picture or video to make it smaller. You'll then see a filmstrip-style view of all your pictures and videos in a row. Swipe left or right to scan through them all.
- You can delete a picture or video by touching 🗑 **> OK** or by swiping it up in the filmstrip view. If you accidentally delete one by swiping it up, touch **UNDO** to retrieve it.
- Not all options may be available for certain albums or pictures.

Retouching Your Pictures

You can edit any photos you took and some other pictures in Gallery with Photo Editor. The changed picture is saved in the same album as the original one, while the orginal is never affected.

1. While viewing a picture in full screen, touch the screen and touch ✐ **> Photo Editor**.

   NOTE:
   You can also choose to edit the picture with Photos.

2. Touch the icons along the bottom of the screen to edit the picture.

⊛	Apply filters, old photo (nostalgia), and blur effects.
⏚	Crop, rotate, or flip (mirror) the picture.

⊘	Adjust exposure, contrast, shadows, sharpness, and other light options.
🎨	Adjust color of the picture.
✎	Select a color and draw anything on the picture, or add some text or mosaics to the picture and adjust the effect.

3. Touch ✓ to keep the change or ✗ to cancel it.
4. Touch 🖫 to save the new picture.

NOTE:

Touch ⟲ in the **Photo Editor** screen to see the edits you have made and undo or redo them.

Making a GIF or a Collage

You can put together a few pictures in the same album to make an animated GIF or a collage of pictures.

1. Open the Gallery app and touch ⁝ > **GIF maker** or **Collage maker**.
2. Touch an album.
3. Touch the pictures you want. You can exit the album and open other albums to add more pictures.
   ▶ To make a GIF, touch 2 to 50 pictures in the order (or reverse of the order) that you want them to appear in the GIF.
   ▶ To make a collage, touch 2 to 9 pictures.

The pictures you touched are displayed along the bottom of the screen. Touch ❌ to remove the pictures you do not want.

4. Touch **NEXT**. The GIF or collage is displayed.
5. Touch the options along the bottom to adjust the final picture.
   ▶ For GIF, you can adjust the speed, order, and size. Touch **MORE** to adjust each picture, and then touch **Manage Frame** to add/remove pictures or adjust their order.
   ▶ For collage, touch **TEMPLATE**, **FREE**, or **COLLAGE** and then select a border, shading, and style.
6. When you are satisfied with the final picture, touch 🔴 to save the GIF or touch ✔ to save the collage.

Depending on your storage setting, the picture is saved to the zte_editor/Save folder in your phone storage or your microSDXC card.

Playing Videos

1. Touch an album in Gallery, and then touch the thumbnail of a video.
2. Touch ▶ at the center and select a player to start playing.
3. Touch the video to view the playback controls.

Music

Touch the **Home** key **>** ⊕ **> Music** to play audio files stored on your phone. 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 more.

Viewing Your Music Library

Touch the **Home** key **>** ⊕ **> Music**, and your music library is displayed. All your audio files are cataloged according to the information stored in the files.

- Touch **All Songs** to view all music files on your phone.
- Touch **Favorites** to browse music files you have marked as favorites.
- Touch **Playlists** to view all music playlists you have created.
- Touch **Artists** or **Albums** to browse music files on your phone organized by the artist or album name.
- Touch **Folders** to find music files through the folders they are stored in.

✎ **NOTE:**

If an audio file is being played, its name and player controls are displayed at the bottom of the screen. Touch the area to open the playback screen.

Setting a Song as the Default Ringtone

The song will be used as the ringtone for all incoming calls, except those from contacts you have assigned special

ringtones to (see Set a Ringtone for a Contact).

1. Touch the **Home** key **>** ⊕ **> Music** to see the music library.
2. Touch ⋮ next to a song in any list.
3. In the menu that opens, touch **Set as ringtone**.
4. Touch **Phone Ringtone** or **Notification Ringtone**.

🖉 **NOTE:**

If the song is being played and you're in the playback screen, you can touch ⋮ **> Set as ringtone** and select **Phone Ringtone** or **Notification Ringtone**.

Playing Music

Touch a song in the music library to listen to it. Touch the playback bar at the bottom of the screen to open the following playback screen.
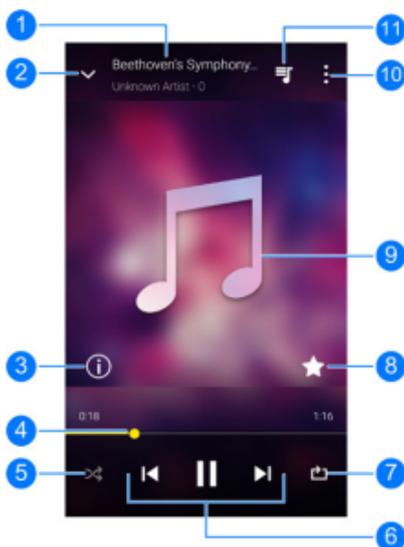
Number	Function
1	Song, album, and artist information.
2	Touch to go back to the music library.
3	Touch for track information.
4	Playback control. Skip songs or pause and resume playback. Drag the slider to jump to any part of the song.
5	Turn shuffle on or off.
6	Skip to the last track, pause/play, and skip to the next track.
7	Toggle repeat mode: repeat the current song, repeat the playlist, or turn off repeat.
8	Add the song to your favorites, or remove it from favorites.
9	Album artwork (if available).
10	Access additional options.
11	Touch to see the current playlist.

You can still control the music when you are not in the playback screen.

- In other apps, swipe down the notification panel. Touch the song title to restore the playback screen, or you can pause/resme playback or skip songs.

- When the screen is locked, the song information, album cover, and playback controls are displayed on the lock screen. Touch the song title to restore the playback screen, or you can pause/resume playback or skip songs.

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.

- Touch ⋮ > **Add to playlist** next to a song to add it to a playlist or create a new playlist.
- Touch ⋮ > **Delete** next to a playlist to delete the playlist.
- Touch ⋮ > **Rename** next to a playlist to rename the playlist.
- Touch a playlist to view its content. To remove a song from the playlist, touch and hold the song. Touch additional songs to select multiple songs for removal and then touch ⊖ .

Video Player

Use the Video Player to manage your video library and to watch videos.

Opening the Video Library

Touch the **Home** key **>** 🔘 **> Video Player** to view your video library. Swipe up or down to find the video you want. You can also touch 🔍 to search for video files, or touch ⋮ **> View by** or **Sort by** to change the display mode or sort the list.

Playing and Controlling Videos

Touch a video in the video library to play it. Touch the screen to show the playback controls. You can control the video and audio or carry out other operations.

Number	Function
1	Return to the video library list.
2	Take a screenshot.
3	Change the video ratio (fit to screen).
4	Playback control: Skip, pause, and resume playback. Drag the slider to jump to any part of the video.
5	Rotate the video.
6	Hide video playback controls and lock the touch screen.
7	Share, delete, or trim the video, or configure player settings.

✏ NOTES:
• Slide horizontally on the video to rewind or fast forward.
• Slide vertically on the right or left part of the screen to adjust volume or brightness, respectively.
• Touch ◀ or ▶ to skip to the previous or the next video.

Managing Video Files

Delete Videos

1. In the video library, touch ⁝ > **Multi-Select**, or touch and hold a video.

2. Touch the videos you want to delete.
3. Touch 🗑 **> OK**.

Share Videos

1. In the video library, touch ⁝ **> Multi-Select**, or touch and hold a video.
2. Touch the videos you want to share.
3. Touch ≺ and select how you want to share them.

Trim a Video

1. Touch a video to start playing it.
2. Touch ⁝ **> Trim**.
3. Drag the two tabs on the progress bar to select the portion you want to keep. You can touch ▶ to preview the selected portion.
4. Stop the preview and touch ✂. The trimmed video is saved as a new video file.

Rename a Video

1. Touch ☰ next to the video you want to rename.
2. Touch **Rename**.
3. Type the new video name and touch **OK**.

View Details of a Video

1. Touch ☰ next to the video for which you want to view details.
2. Touch **Details**.
3. Touch **CLOSE** to close the window.

Sound Recorder

Sound Recorder enables you to record voice memos and listen to them whenever you like.

Recording a Voice Memo

1. Touch the **Home** key **>** ⊡ **> Sound Recorder**.
2. Touch 🅷🅀 to turn on or off high quality recording.
3. Touch 🔴 to start recording. Touch ⏸ to pause and 🔴 to continue recording.
4. Touch ⏹ to stop recording. The memo is automatically saved.

Playing a Voice Memo

Play a Memo You Just Recorded

Touch ▶ at the bottom of the screen.

Play Any Saved Memo

1. Touch ☰ at the top right of the screen to see all recordings.
2. Touch the title of a memo to play it.

✏ **NOTE:**

You can also touch ☰ at the right of the memo to delete, share, rename, tag, or trim it, check its file information, or set it as your phone ringtone or notification ringtone.

More Apps

Calculator

Touch the **Home** key **>** ⊕ **> Calculator** to use the phone's convenient built-in calculator for some basic as well as advanced mathematical equations.

✏️**NOTE:**

To see more calculator options, swipe left while holding the phone in portrait view or turn the phone to landscape view.

Clock

Touch the **Home** key **>** ⊕ **> Clock**. The Clock app allows you to check local time in places around the world, set alarms, and use timers.

Set a New Alarm

1. Open the Clock app and touch 🕐 .
2. Touch a default alarm to configure it, or touch ➕ at the bottom of the screen to create a new alarm.
3. Set up the alarm options, such as time, alarm days, snooze, and alarm ringtone.
4. Touch **Save** to save and exit.

✏️**NOTES:**

- To enable or disable existing alarms directly, touch the switches on the right side of each alarm.
- Touch ⚙️ to configure alarm settings, including ringtone volume, vibration, alarm duration, volume crescendo, and alarm in silent mode.

Use World Time

1. Open the Clock app and touch ⏰.
2. World time lets you check local times for cities around the world. Touch ➕ to add a new city.

Using Stopwatch and Countdown

1. Open the Clock app and touch ⏱ or ⌛.
2. Stopwatch allows you to record lap times, while countdown allows you to set a time and count down to zero.

Downloads

The Downloads app keeps a record of the files you have downloaded using apps such as Chrome or Email.

Touch the **Home** key **>** ⊞ **> Downloads**.

- Touch a file to open it with the appropriate application.
- Touch and hold a file to delete or share it.

File Manager

Quickly access all of your images, videos, audio clips, and other types of files on your phone and on the memory card.

Touch the **Home** key **>** ⊞ **> File Manager**. Touch **CATEGORY** to find the file you need by category, or touch **LOCAL** to browse folders and files on the phone storage or the microSDXC card.

- Touch folders and files to access stored items.
- Touch **⋮ > New folder** to create a new folder in the current directory.
- Touch Q to search for a file or folder by name.
- Touch and hold a folder or file for options: copy 🗐, move ↔, share ⟨, delete 🗑, and more options ⋮.
- To copy or move an item:
  1. Touch and hold the folder or file.
  2. Touch 🗐 or ↔.
  3. Navigate to a new location within File Manager and touch **PASTE**.

Google Apps

🖉 NOTE:
Some Google services may not be available in your region.

- **Chrome:** Use the Chrome app to browse the Internet and get your bookmarks, browsing history, and more synced with your Google account.
- **Drive:** Store files on Google servers for free after you sign in to your Google account. You can access them on your computers, your phones, and other devices, share them, or collaborate with others.
- **Duo:** Make a simple video call which brings you face-to-face with all the people that matter most.
- **Gmail:** Send and receive emails via your Gmail account or other personal email accounts.
- **Google:** Use Google search or get information when you need it with Google Now.

- **Maps:** Find your place and find your way in the world.
- **Photos:** Manage photos on the phone and your Google account.
- **Play Movies & TV:** Purchase, download and watch movies and TV shows.
- **Play Music:** Play music on the phone and on your Google account.
- **Play Store:** Buy and download apps, games, and more from the Google Play store.
- **Voice Search:** Search for information with your voice.
- **YouTube:** Watch video clips from YouTube.com, or upload your own and share with the world.

Settings

Touch the **Home** key **>** ⊕ **> Settings**. Settings contains most of the tools for customizing and configuring your phone.

Wireless & Networks

Airplane Mode

In the Settings app, touch **Airplane mode > 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.

Wi-Fi

Turn Wi-Fi on or off and configure your Wi-Fi connections (see Connecting to Wi-Fi).

When Wi-Fi is on, touch ⋮ **> Advanced > Wi-Fi Direct** in the **Wi-Fi** menu to share data between two devices via Wi-Fi directly. See Using Wi-Fi Direct.

Bluetooth

Turn Bluetooth on or off and configure your Bluetooth connections (see Connecting to Bluetooth Devices).

Tethering & Mobile Hotspot

Share your phone's mobile data connection with PCs or other devices via USB, Bluetooth or Wi-Fi. See Sharing Your Mobile Data Connection.

Data Usage

Check and manage mobile data use. You can view and restrict Wi-Fi data usage as well.

- Touch **Data saver** to enable Data saver which prevents apps from using data connection in the background. For an app you're currently using, it can access data, but may do so less frequently when Data saver is enabled. You can also touch **Unrestricted data access** and allow some apps to always have access to data connection even when Data saver is turned on.
- Touch **Display in GB/MB** to change the data unit displayed.
- Touch the **Mobile data** switch to turn on or off mobile data.
- Touch the **Alert me** switch to turn on or off data usage warning.
- Touch the **Limit** switch to turn on or off data usage limit. Mobile data connection will be turned off when you've used designated amount of data.
- Touch **Mobile data usage** to check how much data has been used during the time cycle you set, see what apps have been using mobile data, restrict background data for individual apps, or allow unrestricted data usage when Data saver is on for individual apps.
- Touch **Billing cycle** to set the reset date of the data usage cycle, and set mobile data warning and limit.

- Touch **Wi-Fi data usage** to view the Wi-Fi usage of apps.
- Touch **Network restrictions** to select Wi-Fi networks that are mobile hotspots. Apps may warn before using these networks for large downloads to avoid high mobile data bills.

📝 **NOTE:**

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

Advanced Calling

In the Settings app, touch **Advanced Calling > Activate Wi-Fi Calling** to enable or disable Wi-Fi calling, which keeps you reachable via Wi-Fi even when mobile network is not available..

Mobile Networks

Control mobile data use, select network types or operators, and configure access point names (see Connecting to Mobile Networks).

View Verizon Account

In the Settings app, tap **More > View Verizon Account** to the subscriptions of your Verizon Account.

Emergency Alerts

In the Settings app, tap **More > Emergency alerts** to manage options for receiving emergency alert messages.

VPN

In the Settings app, tap **More > VPN** to set up and connect to virtual private networks (see Connecting to Virtual Private Networks).

Device

Display

- **Brightness level:** Set the brightness of the display.
- **Adaptive brightness:** Automatically adjust screen brightness.
- **Wallpaper:** Select a background image or animation for the home screen or lock screen.
- **Battery percentage:** Choose to display the battery percentage in the status bar.
- **Sleep:** Set the length of time of inactivity before the screen turns off automatically.
- **Jump to camera:** Launch the Camera app by pressing the Power key twice quickly, even when the screen is locked.
- **Screen saver:** Manage the Screen saver function, which can display colors or photos when the phone is docked or charging.
- **Ambient display:** Wake the phone from sleep when new notifications arrive.
- **Font size:** Set the font size of the text on the screen.
- **Display size:** Adjust the display size of items including **fonts, icons and images on the screen.**
- **When device is rotated:** Select whether the screen contents should rotate when the phone is rotated.

- **Pulse notification light:** Flash the backlight on the **Home** key to notify you of missed calls, new messages, and other events.
- **Accelerometer calibration:** Calibrate the accelerometer sensor.
- **Navigation key:** Exchange the position of the **Back** key and the **Recent apps** key.
- **Navigation key light duration:** Control the backlight of the **Home** key, **Back** key, and **Recent apps** key. Choose one option to set the backlight duration.

Notifications

Set different notification options for individual apps. Touch an app to block or mute its notifications or let its notifications override your Do No Disturb settings.

Sound

Adjust different types of volume (see Adjusting Volumes), set notification mode (see Switching to Silent or Vibration Mode), set Do not disturb options (see Using Do Not Disturb Mode), set up ringtone and notification sound (see Changing the Ringtone and Notification Sound), set up default alarm sound, or select system sounds (see Turning System Sounds On/Off).

Application Manager

Touch the **Home** key **> ⊙ > Settings > Application manager** to see apps installed on your phone and manage them.

Touch ⋮ **> Show system/Hide system** to show/hide system apps in the list.

Touch ⋮ > **Reset app preferences** to reset all preferences. (You will not lose app data, but app preferences will be restored to default.)

Touch ⚙ to configure apps.

In the app list, touch an app to see its information. The following options may be available:

- **FORCE STOP:** Stop the app.
- **UNINSTALL:** Uninstall the app.
- **DISABLE/ENABLE:** Disable or enable the app.
- **Storage:** Check the amount of storage required and clear its data or cache.
- **Data usage:** Check data used by the app during a specified time cycle, restrict background data for the app, or allow unrestricted data access when Data saver is on.
- **Permissions:** Check or change the app permissions.
- **Notifications:** Manage the app notifications in the notification panel and the lock screen.
- **Open by default:** Check or change settings of the app links and clear defaults.
- **Battery:** Check the battery use details of the app since last full charge.
- **Memory:** Check how much memory has been used by the app.
- **Draw over other apps:** Allow the app to display on top of other apps that you're using.
- **Modify system settings:** Allow the app to modify system settings.

NOTE:

Not all options are available for all apps.

Storage

The Storage settings menu lets you check memory information for your microSDXC card and phone storage. You can choose the default location for new data, such as photos captured and voice recorded. Touch **Save location** and select to store items in the phone storage or the installed microSDXC card.

Under Internal Storage, touch **Phone > Used space** to get a detailed breakdown of space usage by type. Touch a data type to see more information or delete the files you do not need.

For more information about using the phone storage and the microSDXC card, see Using the microSDXC Card as Portable or Internal Storage.

Battery

View remaining battery power, check which items have been using the battery, and optimize battery use.

- Touch an app or service to adjust its settings in order to save battery life. For example, touch **Screen > Reduce the screen brightness and/or screen timeout** to change screen brightness and sleep.
- Touch **Battery saver**. You can turn Battery saver on or off or configure it to turn on automatically in order to reduce battery use and improve battery life.

- Touch ⋮ > **Battery optimization**. Battery optimization helps prolong battery standby time when you're not using the phone. To turn battery optimization off for specific apps, touch **Not optimized > All apps**. Touch the app name and then touch **Don't optimize > DONE**.

Connect to PC

Select your USB connection mode between your phone and PC (see Connect Your Phone to a Computer via USB).

Personal

Location

Activate location services to determine your location. To use location-related applications, such as finding your location on Google Maps, you must have location services turned on on your phone.

1. Touch the **Home** key > ⊕ > **Settings > Location**.
2. Slide the Location switch to the **On** 🔵 position to turn on location access.
3. When location access is enabled, touch **Mode** to select the location sources you want to use. To get your accurate location, choose **High accuracy**. To save battery power and get approximate location, choose **Battery saving**. To use only GPS to pinpoint your location, choose **Device only**.

🖉 **NOTE:**

Touch **Google Location History** or **Google Location Sharing** to configure Google location options.

Security

- **Screen lock:** Set up a screen lock after which you must swipe on the phone, draw a pattern, or enter a PIN/password to access the phone (see Protecting Your Phone With Screen Locks).

  Touch ⚙ beside **Screen lock** to set the following options.

  - ▸ **Make pattern visible:** Show the pattern as you draw it. This option is available when unlock pattern is set.
  - ▸ **Automatically lock:** Set the time needed for the lock protection to be activated after the screen turns off. This option is available when unlock pattern, PIN or password is set.
  - ▸ **Power button instantly locks:** Lock protection is activated immediately when you press the **Power** key. This option is available when unlock pattern, PIN or password is set.
  - ▸ **Lock screen message:** Set the text that you may display on the lock screen.

- **Smart Lock:** Keep the phone unlocked when near trusted devices, in trusted places, or unlocked by trusted faces or voice, when recognizing trusted faces or voices, or while being held or carried.

- **Encrypt phone:** Encrypt your accounts, settings, downloaded apps and data, media, and other files (see Protecting Your Phone With Encryption).

- **Make passwords visible:** Display passwords as you enter them.

- **Device administrators:** View or deactivate apps you have authorized to be device administrators.
- **Unknown sources:** Permit installation of apps from sources other than the Play Store.
- **Storage type:** Check the credential storage type.
- **Trusted credentials:** Display trusted CA certificates.
- **User credentials:** View and modify stored credentials.
- **Install from SD card:** Install certificates from the internal storage or the microSDXC card.
- **Clear credentials:** Delete all certificates.
- **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 personal information (see Protecting Your Phone With Screen Pinning).
- **Apps with usage access:** Turn on or off some apps' access to your phone usage information.
- **Set up SIM card lock:**
  - **Lock SIM card:** Activate or deactivate the PIN lock to require 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.

Accounts

Manage your accounts and synchronization. Touch **Add account** to sign in to or create accounts on your phone. Touch an account type to see that type of accounts you have added and adjust their settings.

Google

Manage settings for Google apps and services that are installed on your device.

Languages & Input

- **Languages:** Select a language for your system.
- **Spell checker:** Activate Google Spell Checker to check for spelling errors when entering text, and change its settings.
- **Personal dictionary:** Add new words to the phone's dictionary or remove words from the dictionary. The words you add are used for spelling check and word suggestion.
- **Keyboard and input methods:** Configure text input settings (see Input Method Settings).

- **Text-to-speech output:** Select the speech synthesis engine or change its settings, set speech rate and pinch, play a brief sample of the speech synthesizer, and check whether the text-to-speech output feature supports the current system language.
- **Pointer speed:** Select how fast the pointer/mouse should scroll when you connect the phone to a trackpad or mouse accessory.

Backup & Reset

- **Back up my data:** Back up app data, Wi-Fi passwords, and other settings to Google servers after you sign in to your Google account.
- **Backup account:** Set the Google account that the data is backed up to.
- **Automatic restore:** Restore previously backed up settings and data when you reinstall an app.
- **Network settings reset:** Reset all network settings, including Wi-Fi, mobile networks, and Bluetooth.
- **Factory data reset:** Reset your phone to factory default settings. All your personal data from the phone's internal storage will be erased. You can also erase the data on the microSDXC card during the process.
- **Reset:** Restore system settings back to defaults, such as date & time, display customization, accessibility and so on.

System

Date & Time

Set date, time, time zone, and how time is displayed. You can also use network-provided data (see Setting the Date and Time).

Accessibility

Configure the system accessibility options and accessibility plug-ins on your phone, such as using **Color inversion** or **Font size** for users with sight problems.

Printing

Configure Google Cloud Print service or other printer plug-ins installed from the Google Play Store or your printer manufacturer.

About Phone

View phone status, legal information, and other information.

System Updates

Check for available software updates for your phone, update history, and update status.

Upgrading the Phone Software

There are several ways to upgrade your phone software.

1. Use the online upgrade tool for mobile terminal products.
2. Use the one-press upgrade package offered by your mobile service provider.
3. Use your PC to download and upgrade package to your microSDXC card and install it to your phone from the card.

📝**NOTE:**

Visit the ZTE official handset service support website **Z-Community** (https://community.zteusa.com) to learn more about the above upgrade methods, as well as which phones and methods are supported.

Troubleshooting

If you encounter problems while using the phone, or if it performs abnormally, you can refer to the chart below. If your particular problem cannot be resolved using the information in the chart, contact the dealer where you purchased the phone.

Problem	Possible Causes	Possible Solution
Poor reception	The network signal is too weak at your current location (for example, in a basement or near a tall building) because wireless transmissions cannot effectively reach it.	Move to a location where the network signal can be properly received.
	The network is busy at the current time (for example, during peak times, there may be too much network traffic to handle additional calls).	Avoid using the phone at such times, or try again after waiting a short time.
	You are too far away from a base station for your service provider.	You can request a service area map from your service provider.

Problem	Possible Causes	Possible Solution
Echo or noise	Poor network link quality on the part of your service provider.	End the call and dial again. You may be switched to a better-quality network link or phone line.
	Poor local telephone line quality.	End the call and dial again. You may be switched to a better-quality network link or phone line.
Unable to select certain features	Your service provider does not support these features, or you have not applied for services that provide these features.	Contact your service provider.

Problem	Possible Causes	Possible Solution
Cannot charge the battery	The battery or battery charger is damaged.	Contact the dealer.
	The phone's temperature is below 32°F (0°C) or higher than 113°F (45°C).	Adjust the battery charging environment to avoid extremes of temperature.
	Poor contact between the battery and charger.	Check all connectors to ensure that all connections have been properly made.

Problem	Possible Causes	Possible Solution
Shortened standby time	The standby time is related to your service provider system configuration. The same phone used with different service providers' systems will not provide exactly the same length of standby time.	If you are located in an area where signaling is weak, temporarily power off the phone.
	The battery is depleted. In high temperature environments, battery life will be shortened.	Contact the dealer to change a new battery.
	If you are not able to connect to the network, the phone will continue to send out signals as it attempts to locate a base station. Doing so consumes battery power and will consequently shorten standby time.	Change your location to one where the network is accessible, or temporarily turn off your phone.
Cannot turn your phone on	Battery power has been depleted.	Recharge the phone's battery.

Problem	Possible Causes	Possible Solution
nano-SIM card error	The nano-SIM card has malfunctioned or is damaged.	Take the nano-SIM card to your service provider for testing.
	The nano-SIM card is inserted improperly.	Insert the nano-SIM card properly.
	Debris is on the nano-SIM card contacts.	Use a soft, dry cloth to clean the nano-SIM card contacts.
Unable to connect to the network	The nano-SIM card is invalid.	Contact your service provider.
	You are not within the network's service area.	Check the service area with your service provider.
	Poor signal.	Move to an open space, or if you are inside a building, move closer to a window.

Problem	Possible Causes	Possible Solution
PIN Code blocked	You have entered an incorrect PIN code three consecutive times.	Contact your service provider. If the service provider provides the nano-SIM card's PUK code, use the PUK code to unlock the nano-SIM card.
Phone crashes, reboots, freeze, or cannot be powered on	Some third-party software is not compatible with your phone.	Uninstall the software that may cause the problem.
		Upgrade the phone software.
		Reset the phone to factory status.

Specifications

Handset specifications are shown in the following table.

Operating System	Android 7.1 (Nougat)
Handset standard	LTE
Dimensions	145.54 mm x 72.45 mm x 9.25 mm
Weight	160 g (with battery)
Display	5.0" FWVGA 854x480
Camera	Front 2 MP; Back 8 MP
Internal memory	ROM: 16 GB, RAM: 2 GB
Removable memory card	Supports microSDXC card up to 128 GB
Battery	2520 mAh
Continuous idle time	Up to 182 hours
Continuous talk time	Up to 9 hours
WAP browser version	WAP 2.0
HAC	M4/T4
Bluetooth	BT 4.1

NOTE: The phone's talk time and idle time are based on ideal working environments. The use of extended backlighting, browser, and network conditions can reduce battery life and talk/idle time.