CAPTURE THE MAGIC

USER MANUAL
Z079584508304

Tomorrow never waits

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

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

Power off your phone before installing or removing the nano-SIM card or the microSDXC card. Unmount the microSDXC card before removing it (see Connecting to Networks and Devices – Using the microSDXC Card as Portable Storage).

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. Insert the tip of the tray eject tool into the hole next to the card tray and pull the tray out.
2. Place the nano-SIM card and the microSDXC card on the tray, as shown.
3. Carefully slide the tray back into place.

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.

Do not change the built-in rechargeable battery in your phone by yourself. The battery can only be changed by ZTE or a ZTE authorized service provider.

WARNINGS!

- Use only ZTE-approved chargers and cables. The use of unapproved accessories could damage your phone or cause the battery to explode.
- Do not remove the back cover. The battery is not removable. Removal may cause fire or explosion.
Getting Started

NOTE: Use the USB Type-C™ charger that comes in-box with your phone to charge the battery. It’s specially built to support Qualcomm® Quick Charge™ 2.0.

1. Connect the adapter to the charging port.
2. Connect the charger to a standard AC wall 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.

This device contains a nonremovable battery. Attempting to remove will void your warranty and could cause serious injury. Do not damage, alter, or try to remove the battery.

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 auto-sync, Wi-Fi, and Bluetooth 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.

Powering Your Phone On/Off
• Press and hold the Power/Lock Key to turn on your phone.

Getting Started

• To turn it off, press and hold the Power/Lock Key to open the options menu. Tap Power off > OK.

NOTE: If the phone freezes or takes too long to respond, press and hold the Power/Lock Key for about 10 seconds to restart the phone.

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 Settings – Device – 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 into Sleep mode) when not in use and also to turn the screen back on and unlock it when you need it.

Locking the Screen and Keys
To quickly turn the screen off and lock the keys, press the Power/Lock 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.

Unlocking the Screen and Keys
1. Press the Power/Lock Key to turn the screen on.
2. Press and hold a blank area of the screen to unlock the phone, press and hold 📸 at the bottom right to open the Camera app, or press and hold 📜 at the bottom left to use Google voice commands. You can also double-tap a notification to open the related app.

NOTE: If you have set a fingerprint, an unlock pattern, a PIN, or a password for your phone (see Personalizing – Protecting Your Phone With Screen Locks or Using Your Fingerprint), you’ll need to press your finger against the sensor, draw the pattern, or enter the PIN/password to unlock your screen.
Getting to Know Your Phone

Getting Started

Using the Touch Screen
Your phone’s touch screen lets you control actions through a variety of touch gestures.

- **Tap** – 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 tap them with your finger.

- **Press and Hold** – To open the available options for an item (for example, a message or link in a web page), press 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 screen option needs to be turned on for the screen orientation to automatically change. Press the **Home Key > Settings > Display > Auto-rotate screen**.
- You can also access the screen rotation control by sliding down the Status Bar twice and tapping **Auto-rotate** or **Portrait**.

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*You can switch the positions of the Back Key and Recent Apps Key. Press the **Home Key > Settings > Navigation key** and select one option.*
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 application icons, 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.

Key Functions

<table>
<thead>
<tr>
<th>Key</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power/Lock Key</td>
<td>Press and hold to turn Airplane mode on or off, restart, or to power off.</td>
</tr>
<tr>
<td></td>
<td>Press to change your phone to Sleep mode.</td>
</tr>
<tr>
<td></td>
<td>Press to wake up your phone.</td>
</tr>
<tr>
<td>Home Key</td>
<td>Press to return to the home screen from any application or screen.</td>
</tr>
<tr>
<td></td>
<td>Press and hold to access Google Now™.</td>
</tr>
<tr>
<td>Recent Apps Key</td>
<td>Press to see recently used applications.</td>
</tr>
<tr>
<td>Back Key</td>
<td>Press to go to the previous screen.</td>
</tr>
<tr>
<td>Volume Up/Down Key</td>
<td>Press or hold to turn the volume up or down.</td>
</tr>
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Getting Started

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</tr>
</tbody>
</table>
**Getting Started**

**To add a new home screen panel:**
1. Press the Home Key > , or press and hold an empty area of the home screen and select Widgets.
2. Press 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. Press and hold an empty area of the home screen and slide left or right to view the home screen thumbnails.
2. Tap on the top right corner of a thumbnail.
3. Tap OK. The items on the panel will also be removed.

**NOTES:**
- A home screen panel cannot be left empty. If the icon, widget, or folder is the only item on the current home screen panel, the panel will be deleted as you remove the item.
- When there are only three home screen panels, you cannot delete any of them.

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

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

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**Personalizing**

**Changing the System Language**
1. Press the Home Key > > Language & input > Language.
2. Select the language you need.

**Setting the Date and Time**
1. Press the Home Key > > Settings > Date & time.
2. Set the date, time, time zone, and time format.
   - To adjust the date and time automatically, tap to turn on Automatic date & time.
   - To adjust the date and time manually, tap to turn off Automatic date & time and tap Set date / Set time to change the date and time.
   - To adjust the time zone automatically, tap to turn on Automatic time zone.
   - To adjust the time zone manually, tap to turn off Automatic time zone and tap Select time zone to set the correct time zone.
   - To adjust the time format, tap to turn on Use 24-hour format.

**Changing the Ringtone and Notification Sound**
You can quickly customize the default ringtone for incoming calls and the default notification sound.
1. Press the Home Key > > Settings > Sound & notification.
2. Tap Phone ringtone or Default notification ringtone.
3. Scroll through the list and select the ringtone you'd like to use.
4. Tap OK.

**NOTE:** See Contacts – Editing Contacts – Setting a Ringtone for a Contact for how to assign a special ringtone to an individual contact.
Turning System Sounds On/Off
1. Press the Home Key > Settings > Sound & notification > Other sounds.
2. Tap the switch beside each option to turn it on or off.

Adjusting Volumes
1. Press the Home Key > Settings > Sound & notification.
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 media volume when a media application is in use by pressing the Volume Up/Down Key. If no media application is active, press the Volume Up/Down Key to adjust ringtone volume (or the earpiece volume during a call).

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 Up/Down 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.
• Swipe down from the top of the screen to open the Notification Panel and drag the panel downward. Tap Sound or Vibrate to switch the phone to vibration or silent mode.
• Press the Home Key > Settings > Sound & notification > Notification mode and select Vibrate or Mute to switch to vibration or silent mode.

NOTE: To restore normal sound settings, press or 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.

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Turning on Do Not Disturb Mode
1. Press the Home Key > Settings > Sound & notification > Do not disturb.
2. Tap Do not disturb and select Always or Scheduled.
3. Set the detailed settings.
   • If you have selected Scheduled, set the days and start/end time you'd like your phone to be in Do not disturb mode.
   • Tap Disturb rules to choose if 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 allowed priority interruptions, you can customize the types of allowed sounds or vibration under Priority interruptions.

NOTE: To turn off Do not disturb mode quickly, press the Volume Up/Down Key and then tap END NOW.

Applying New Wallpapers
You can set the wallpaper for the home screen or lock screen.
1. Press and hold an empty place on the home screen.
2. Tap Wallpapers.
3. Swipe left or right on the wallpaper panel to select a wallpaper, or tap GALLERY or LIVE WALLPAPER to choose the image or animation you want to use as the wallpaper.
4. For Gallery images, tap , or and tap to set the image as the lock screen wallpaper, the home screen wallpaper, or both.

NOTES:
• In addition, you can press the Home Key > Settings > Display > Wallpaper to pick an image from Gallery, Photos, or Wallpapers, or an animation from Live Wallpapers.
• Some cropping may be needed for Gallery and Photos images.

Personalizing

Personalizing
Setting the Theme
1. Press and hold an empty place on the home screen.
2. Tap Themes.
3. Tap a theme to select it.

Setting the Home Screen Transition Effect
1. Press and hold an empty place on the home screen.
2. Tap Effects.
3. Tap an effect and the phone will demonstrate how it works. When you have found one you like, press the Home Key to exit.

Changing the Screen Brightness
1. Press 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. Tap 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 enabled, you can press and hold a blank area on the home screen, and then draw a pattern or enter a numeric PIN or password to unlock the phone’s screen and keys.
1. Press the Home Key > Settings > Security.
2. Tap Screen lock.
3. Tap None, Long press, Pattern, PIN, or Password.
   • Tap None to disable screen lock protection.
   • Tap Long press to enable screen lock and allow unlocking with a “press and hold” gesture. You can unlock the screen by tapping and holding a blank area on the lock screen.

   • Tap Pattern to create a pattern that you must draw to unlock the screen.
   • Tap PIN or Password to set a numeric PIN or a password that you must enter to unlock the screen.
4. For Pattern, PIN, or Password lock, select whether to protect your phone by requiring your pattern, PIN, or password before it starts up. Tap CONTINUE.

NOTE: When this feature is enabled, your phone cannot receive calls, messages, or notifications until it starts up.
5. For Pattern, PIN, or Password lock, select how you would like notifications and their contents to show when the phone is locked, then tap DONE.

NOTES:
• Screen lock options are listed in the approximate order of the strength of their security, starting with None and Long press, which provide no security. A pattern provides minimal security, although it can be more convenient than the stronger options.
• 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).

Using Your Fingerprint
With the fingerprint sensor on the back of your phone, you can register up to five fingerprints and use them to unlock the phone, or simply press the fingerprint sensor to take photos, answer calls, or open a bound app when the screen is off or locked.

NOTE: The fingerprint feature is available only when a screen lock (Pattern, PIN, or Password) is enabled. When the screen lock is reset to None or Long press, all registered fingerprints are erased.

Registering a Fingerprint
1. Press the Home Key > Settings > Security > Fingerprint.
2. Enter the screen lock pattern, PIN, or password you set. If you haven’t set a screen lock, follow the prompts to set it.
3. Tap Register or Fingerprint > Add fingerprint.
4. Follow the prompts to record the center and edges of a finger.
5. Tap OK.

**NOTE:** Tap an existing fingerprint record to change its name or delete it.

### Setting Fingerprint Actions
1. Press the **Home Key** > **Settings** > **Security** > **Fingerprint**.
2. Enter the screen lock pattern, PIN, or password you set.
3. Tap the switches to adjust the following settings:
   - **Wake up and unlock your phone:** Press the fingerprint sensor to wake up the phone and unlock it with a registered fingerprint.
   - **Quick-open app:** Press the fingerprint sensor to open the bound app when the screen is off or locked with a registered fingerprint.
   - **Take photo:** Press the fingerprint sensor to take a photo when the Camera app is open. No fingerprint verification is needed.
   - **Answer call:** Press the fingerprint sensor to answer incoming calls. No fingerprint verification is needed.

### Personalizing 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.

#### Turning on Screen Pinning
1. Press the **Home Key** > **Settings** > **Security** > **Screen pinning**.
2. Tap the **On/Off** switch.
3. If you have set a screen lock, you can tap **Ask for unlock pattern/PIN/password before unpinning**. You will need to draw the pattern or enter the PIN/password to unpin the screen.

#### Unpinning the Screen
1. To unpin the screen and return to normal use, press and hold the **Recent Apps Key**.
2. If you have checked **Ask for unlock pattern/PIN/password before unpinning** when pinning the screen, press and hold on the lock screen and draw the pattern or enter the PIN/password.
### 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.

#### Indicators and Icons

<table>
<thead>
<tr>
<th>Indicator</th>
<th>What it means</th>
</tr>
</thead>
<tbody>
<tr>
<td>E/4G</td>
<td>2G connected</td>
</tr>
<tr>
<td>4G/3G</td>
<td>4G / 3G connected</td>
</tr>
<tr>
<td>4G LTE</td>
<td>4G LTE™ connected</td>
</tr>
<tr>
<td>📸</td>
<td>Do not disturb mode on (Alarms only or Priority only)</td>
</tr>
<tr>
<td>📸</td>
<td>Do not disturb mode on (Total silence)</td>
</tr>
<tr>
<td>📲</td>
<td>Ringer off</td>
</tr>
<tr>
<td>🎉</td>
<td>Vibration on</td>
</tr>
<tr>
<td>📲</td>
<td>Battery low</td>
</tr>
<tr>
<td>📲</td>
<td>Battery full</td>
</tr>
<tr>
<td>📲/💡</td>
<td>Battery charging</td>
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<tr>
<td>🕒</td>
<td>Alarm set</td>
</tr>
<tr>
<td>☀</td>
<td>No signal</td>
</tr>
<tr>
<td>📡</td>
<td>Signal strength</td>
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<td>🎧</td>
<td>Airplane mode</td>
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<td>Bluetooth on</td>
</tr>
<tr>
<td>📱</td>
<td>Connected to a Wi-Fi network</td>
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<tr>
<td>📱</td>
<td>Wi-Fi in use</td>
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<tr>
<td>📱</td>
<td>Portable Wi-Fi hotspot is on</td>
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<tr>
<td>📱</td>
<td>Mobile data in use</td>
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<td>🗣️</td>
<td>Speaker on</td>
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<tr>
<td>📚/ действие</td>
<td>New SMS / MMS</td>
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<td>📚/ действие</td>
<td>New email message(s)</td>
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<td>📚/ действие</td>
<td>New Gmail message(s)</td>
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<td>📚/ действие</td>
<td>Missed call</td>
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<tr>
<td>📚/ действие</td>
<td>Call in progress / Call on hold</td>
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<tr>
<td>📚/ действие</td>
<td>microSDXC card mounted</td>
</tr>
</tbody>
</table>

### Managing Notifications

The Status Bar at the top of the home screen provides notification icons on the left side. Below are some of the icons you may see.

#### Indicators and Icons

<table>
<thead>
<tr>
<th>Indicator</th>
<th>What it means</th>
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</thead>
<tbody>
<tr>
<td>🎵/ 🎤</td>
<td>Song playing</td>
</tr>
<tr>
<td>📬/ 📩</td>
<td>Upcoming event</td>
</tr>
<tr>
<td>📬/ 📩</td>
<td>New Wi-Fi network detected</td>
</tr>
<tr>
<td>📬/ 📩</td>
<td>Downloading / sending data</td>
</tr>
<tr>
<td>📬/ 📩</td>
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</tr>
<tr>
<td>🎧</td>
<td>Wired headset connected</td>
</tr>
<tr>
<td>🎧</td>
<td>microSDXC card mounted</td>
</tr>
</tbody>
</table>
Knowing the Basics

Opening/Closing 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 from the top of the screen.
• To close the Notification Panel, swipe your finger up from the bottom of the screen or press the Back Key.

Responding to or Removing 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, tap 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 right.
• To block notifications from an app, swipe the app’s notification left and tap . The notifications of some apps cannot be blocked.
• To remove all notifications, tap .
• To manage notifications you have received, press and hold a notification to identify the application that created it. You can then tap and turn on/off some or all of the following settings:
  – Block all: Hide future notifications from this app.
  – Treat as priority: Show notifications from this app when Do not disturb mode is set to Priority only.
  – Allow peeking: Allow this app to show certain notifications briefly in the current screen.
  – Hide sensitive content: Hide content in this app’s notifications when the phone is locked.

(continued on page 23)
Knowing the Basics

- **Data**: Tap to enable or disable data access over the mobile network. Press and hold to access the Data usage menu. See *Settings – Wireless and Networks – Data Usage*.
- **Location**: Tap to turn location services on or off. Press and hold to access the Location menu. See *Settings – Device – Location*.
- **Brightness**: Drag the brightness slider to adjust the screen brightness. Check **AUTO** to make the phone adjust the brightness automatically.

**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, press and hold the shortcut you want to add into a folder.
2. Drag the shortcut to the folder. A new folder will be created, and the shortcut is added into the folder.
3. To add more shortcuts into the folder, press and hold each shortcut and drag it over the folder before releasing it.
4. To remove a shortcut from a folder, tap the folder to open it. Press and hold the shortcut and drag it to the home screen.

**NOTES:**
- Tap the folder and then tap the name field to rename the folder.
- Drag the folder to delete the folder and replace its shortcuts on the last home screen.

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.

**Data:** Tap to enable or disable data access over the mobile network. Press and hold to access the Data usage menu. See *Settings – Wireless and Networks – Data Usage*.

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Knowing the Basics

Entering Text
You can enter text using the on-screen keyboard. Some apps open it automatically. In others, you open it by tapping where you want to type. You can press the Back Key to hide the on-screen keyboard. You can also enter text by speaking with the Google voice typing feature.

Enabling or Disabling Input Methods
1. Press the Home Key > Settings > Language & input.
2. Tap Current Keyboard > CHOOSE KEYBOARDS.
3. Tap a keyboard in the list to enable/disable it as an option for entering text.

NOTE: Some default input methods may not be disabled.

Changing 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 input method is installed and enabled for use.
2. Open the Notification Panel and tap Change keyboard.
3. Select the input method you need.

TouchPal Keyboard
The TouchPal keyboard offers three layouts: FULL, PHONEPAD, and T+. You can tap to select a layout or an input language. You can also use Curve® and Wave™ to speed up text input by replacing the key tapping operation with a tracing gesture where you move your finger from letter to letter 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: Tap the keys to enter letters. You can also press and hold a key and slide to choose more characters.
- The capital key: Tap 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: Press and hold and tap the Prediction switch to turn off or on.
- Pre-defined texts: Tap to enter digits, symbols, and more. You can tap the arrow keys to turn pages, or tap to go back to the alphabetic keys. Slide up on the space key or tap to enter emojis and emoticons.
- The delete key: Tap to delete text before the cursor. You can also press and hold the key to quickly delete multiple characters, or slide left on the key to delete a whole word.
- Voice input: Press and hold the space bar and speak into the microphone.
- More options: Tap to access the quick settings of TouchPal keyboard, use voice input, edit text, resize the keyboard, change keyboard themes, and more.
NOTES:
• Tap to type when you want to. If you want to enter a single letter, simply tap 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, tap > Settings > Smart input and check Wave™ - Sentence gesture.
2. Tap and tap inside a text field to open the keyboard, and then tap > FULL
to switch to the FULL layout.
3. Tap 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.

Knowing the Basics

The PHONEPAD Layout
The PHONEPAD layout is similar to a phone pad.
Tap an alphabetic key repeatedly until the desired letter
or number appears. Press and hold the key and slide left
or right to choose the text you need.
If word prediction is enabled, just tap the keys once and
choose the right word.

The T+ Layout
If word prediction is disabled, tap to enter the left letter
on the key. Double tap to enter the right letter/symbol
on the key. Press and hold a key and slide left or right
to choose more letters and symbols.
If word prediction is enabled, just tap 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 screen, tap > Settings > Smart input and check Curve® - Word gesture.
2. Tap and tap inside a text field to open the keyboard, and then tap > 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.

NOTE: Curve - Word gesture is only available in the FULL layout.
Tap to delete the text before the cursor.
Tap ?! to select numbers and symbols. You can then tap the Mini Key to find more or tap ☰ to enter miniature icons.
Tap ☰ to enter miniature icons such as expressions, astrological signs, and animals.
Tap ☰ to use Google voice typing.
Press and hold ☰ to change the input language or set up the Google Keyboard.
Press and hold ☰ and slide to ☰ to change to a smaller keyboard for easier one-handed typing. Tap ☰/☐ to switch to the right-hand or left-hand keyboard, respectively. Tap ☰ 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:
2. Tap Gesture typing > Enable gesture typing if the 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.

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 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.

• Tap the alphabetic keys to enter letters. Press and hold some specific keys to enter associated accented letters or numbers. For example, to enter È, press and hold ☰ and the available accented letters and number 3 appear. Then slide to choose È.
• As you enter a word, candidates appear above the keyboard. Tap the correct one to select it.
• Tap ☰ to use uppercase. Double-tap ☰ to lock uppercase. This key also changes color to indicate the current case you are using.
Knowing the Basics

NOTES:
• Tap when you want to. If you want to enter a single letter, go ahead and tap.
• Lift your finger at the end of the word. A space is added automatically when you begin to input the next word.

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. Tap  to access voice typing when you are using the Google Keyboard, or flick down the Status Bar when entering text and tap 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 tap 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 pressing the Home Key > Settings > Language & input.
In the Keyboard & input methods section, you can set the current input method and choose the settings for input methods.

Editing Text
• Move the insertion point: Tap 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: Press 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. Tap : > SELECT ALL to select all the text, tap SHARE and choose an option, or tap ASSIST to open Google Now.

Opening and Switching Apps
Opening an App
1. Press the Home Key > .
2. Slide up or down on the screen and tap an app to open it.

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

Switching Between Recently Opened Apps
1. Press 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. Tap a thumbnail to open that app.

NOTE: You can swipe a thumbnail left or right or tap X on the thumbnail to remove it from the list. Tap Clear all to remove all thumbnails.
Uninstalling or Disabling an Application
1. Press the Home Key > to open the application list screen.
2. Press and hold an application icon and drag the icon to 📦 or 🚈 at the top of the screen.
3. Tap 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, press the Home Key > Settings > Apps. Tap All apps and select Disabled. You can then tap an application and tap ENABLE to enable it.

Connecting to Mobile Networks
Controlling Mobile Data Use
To enable or disable data access:
1. Press the Home Key > Settings > Data usage.
2. Slide the Mobile data switch to enable or disable mobile data use.

To get data services when roaming:
1. Press the Home Key > Settings > Mobile networks.
2. Slide the Data roaming switch to enable or disable roaming.
NOTE: Data roaming may incur significant roaming charges.

Setting Access Point Names
You can use the default Access Point Names (APNs) to connect to the Internet. To add a new APN, you may need to contact your service provider for the required information.
1. Press the Home Key > Settings > Mobile networks > Access Point Names.
2. Tap 📤.
3. Tap each item to enter the required information.
4. Tap 📤 > Save.
NOTE: To set the APN to default settings, tap 📤 > Reset to default > CONTINUE.

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.

Turning Wi-Fi On and Connecting to a Wi-Fi Network
1. Press the Home Key > Settings > Wi-Fi.
2. Slide the Wi-Fi switch to the On position to turn on Wi-Fi.
3. Tap a network name to connect to it.
Connecting to Networks and Devices

1. Press the Home Key > ☰ > Settings > Wi-Fi.
2. Slide the Wi-Fi switch to the On position.
3. Tap Advanced.
4. Slide the Network notification switch to the On position.

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

Connecting 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 supply 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. Press the Home Key > ☰ > Settings > Wi-Fi.
2. Slide the Wi-Fi switch to the On position.
3. Tap 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. Press the Home Key > ☰ > Settings > Wi-Fi.
2. Slide the Wi-Fi switch to the On position.
3. Tap Advanced > WPS Pin Entry.
4. Press the WPS button on the wireless router and the access point will recognize your phone and add it to the network.

NOTE: For detailed information about the WPS feature of the access point, please refer to its documentation.

Adjusting Advanced Wi-Fi Settings

1. Press the Home Key > ☰ > Settings > Wi-Fi.
2. If the network is secured, enter the password and tap CONNECT.

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

Getting Notified of Open Networks

1. Press the Home Key > ☰ > Settings > Wi-Fi.
2. Slide the Wi-Fi switch to the On position.
3. Tap Advanced.
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.

Adding a Wi-Fi Network

You can add a Wi-Fi network if the network does not broadcast its name (SSID) or 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. Press the Home Key > ☰ > Settings > Wi-Fi.
2. Slide the Wi-Fi switch to the On position.
3. Tap Add network.
4. Enter the network SSID (name). If necessary, enter security or other network configuration details.
5. Tap SAVE.

Forgetting a Wi-Fi Network

You can make your phone forget 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.
Connecting to Networks and Devices

2. Tap > Advanced to adjust the following settings.

- **Network notification:** Get notifications in the status bar when Wi-Fi is on and an open network is available.

- **Scanning always available:** Allow Google location services and other apps to scan for networks even when Wi-Fi is turned off.

- **Keep Wi-Fi on during sleep:** Choose whether or not to keep Wi-Fi on in Sleep mode.

- **Install certificates:** Install certificates needed for connecting to certain Wi-Fi networks.

- **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.

- **MAC address:** Check the MAC address.

- **IP address:** Check the phone’s IP address.

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.

**Turning Bluetooth On/Off**

1. Press 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.

**Changing the Device Name**

1. Press the Home Key > Settings > Bluetooth.
2. Slide the Bluetooth switch to the On position if Bluetooth is off.
3. Tap > Rename this device.
4. Edit the name and tap RENAME.

**Connecting to Networks and Devices**

Pairing With Another Bluetooth Device

1. Press the Home Key > Settings > Bluetooth.
2. Slide the Bluetooth switch to the On or Off position if Bluetooth is off.

Your phone automatically scans for and displays the IDs of all available Bluetooth devices in range. Tap > Refresh if you want to scan again.

3. Tap the device you want to pair with.

4. If necessary, confirm that the Bluetooth passkeys are the same between the two devices and tap PAIR. Alternately, enter a Bluetooth passkey and tap PAIR.

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

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

Forgetting 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. Press the Home Key > Settings > Bluetooth and ensure that Bluetooth is turned on.
2. In the list of paired devices, tap beside the Bluetooth device you want to forget.
3. Tap FORGET.

Sending 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. Tap a Bluetooth device the phone has paired with or wait for it to search for new devices and tap one of them.
Receiving Data via Bluetooth
1. Turn Bluetooth on before trying to receive data via Bluetooth.
2. Swipe down on the Status Bar and tap .
3. Tap ACCEPT to start receiving the data.
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 internal storage or on a removable microSDXC card.

Connecting to a Computer via USB
1. Connect your phone to the PC with a USB cable.
2. Choose one of the following options:
   - Charge only: Charge your phone via USB.
   - Install driver: Install the driver needed for some USB connection modes (such as MTP). You only need to install the driver on the same PC once.
     NOTE: You can also install the driver on the PC by running the executable file in the CD-ROM drive.
   - Media device (MTP): Transfer media files on Windows®, or using Android™ File Transfer on Mac®.
     NOTE: For Windows XP, install the drivers and Windows Media® Player 11 (or later version) when you use Media device (MTP) for the first time.
   - Camera (PTP): Transfer photos using camera software.
     NOTE: To make your phone connect to the computer automatically using the selected connection type, check Don’t ask me again.

Disconnecting 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 Storage
You can use your microSDXC card as portable storage to save photos, music, videos, downloaded files, and more.

Removing the microSDXC Card From Your Phone
If you need to remove the microSDXC card, you should unmount it first.
1. Press the Home Key > Settings > Storage.
2. Tap next to the SD card name in the Portable storage section.
   NOTE: Before ejecting the card, ensure that you have moved data and apps to the internal storage.
3. When the SD card’s state is Ejected, you can remove it from the phone.

Mounting the microSDXC Card
1. If the microSDXC card is ejected, press the Home Key > Settings > Storage.
2. Tap the SD card name and then tap MOUNT.

Erasing and Formatting the microSDXC Card
1. Press the Home Key > Settings > Storage.
2. Tap the SD card name in the Portable storage section.
3. Tap Format > ERASE & FORMAT > DONE.
CAUTION: The formatting procedure erases all the data on the microSDXC card, after which the files CANNOT be retrieved.
Using USB On-the-Go (OTG)
Your phone supports USB On-The-Go. You can connect the phone and a USB peripheral device (such as a USB flash drive, a USB mouse, or a USB keyboard) with an OTG adapter cable.

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

Sharing Your Mobile Data Connection
Sharing Mobile Data Through a Wi-Fi Hotspot
You can share your phone's data connection with other devices by turning your phone into a portable Wi-Fi hotspot. This feature requires a data connection on a mobile network and may result in data charges.

NOTE: When the portable Wi-Fi 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. Press the Home Key > Settings > Wi-Fi hotspot.
2. Slide the switch to the On position. (If Wi-Fi was active, tap 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.

Setting Up Your Wi-Fi Hotspot
You can change your phone's Wi-Fi network name (SSID), secure your portable Wi-Fi hotspot, and set other options.

1. Press the Home Key > Settings > Wi-Fi hotspot.
2. Tap an option to configure settings.

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).

Adding a VPN
1. Press the Home Key > Settings > More > VPN.
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 tap it to dial.

**Placing and Ending Calls**

**Placing a Call by Dialing**
1. Press the **Home Key** > Settings > More > VPN.
2. Tap the VPN that you want to connect to.
3. When prompted, enter any requested credentials and then tap **CONNECT**.

**Modifying a VPN**
1. Press the **Home Key** > Settings > More > VPN.
2. Tap beside the VPN that you want to modify.
3. Edit the VPN settings and then tap **SAVE**.

**Connecting to a VPN**
1. Press the **Home Key** > Settings > More > VPN.
2. Enter the server address and other information provided by your network administrator. Check **Show advanced options** to fill out additional details.
4. Tap **SAVE**.
The VPN is added to the list on the VPN screen.

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

**Connecting to Networks and Devices**

2. Tap **+** and enter the VPN name.
3. Enter the server address and other information provided by your network administrator. Check **Show advanced options** to fill out additional details.
4. Tap **SAVE**.
The VPN is added to the list on the VPN screen.

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1. Press the **Home Key** > Settings > More > VPN.
2. Tap beside the VPN that you want to modify.
3. Edit the VPN settings and then tap **SAVE**.

**Connecting to Networks and Devices**

2. Tap **+** and enter the VPN name.
3. Enter the server address and other information provided by your network administrator. Check **Show advanced options** to fill out additional details.
4. Tap **SAVE**.
The VPN is added to the list on the VPN screen.

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Phone Calls

Answering a Call
When you receive a phone call, slide (Slide down to answer) down to answer the call.
NOTE: To silence the ringer before answering the call, press the Volume Up/Down Key.

Rejecting a Call
When you receive a phone call, slide (Slide up to decline) up to reject the call.
You can also slide up to reject the call and send a preset text message to the caller.
NOTE: To edit the text response from within the Phone app, tap > 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, press the Home Key > > Call History.

Placing a Call From the Call History
1. Open the call history.
2. Tap a number for more information about the call, or tap beside it to call back.
NOTE: You can tap MISSED, OUTGOING, or INCOMING to filter the records by call type.

Adding a Call History Number as a Contact
1. Open the call history.
2. Tap the circle in front of a number.
3. Tap on the contact information tab.
4. To add the number to an existing contact, tap a contact in the list. To add a new contact, tap Create new contact.

Taking Other Actions on a Call History Entry
1. Open the call history.
2. Tap a number and then tap Call details to view more call information. While viewing the call details, you can:
   • Tap > Edit before call to edit the number in the dialer before calling it.
   • Tap the circle in front of an entry to open the contact information tab from the bottom of the screen. You can send a message, call back, edit the contact, add the contact to favorites, or add the number to contacts.
   • Tap to delete the entry.
NOTE: You can tap > Clear call history in the call history screen to delete all history records.

Calling Your Contacts
1. Press the Home Key > . Your favorite contacts and frequently called contacts are displayed in the tab.
2. Tap a contact to place the call, or tap the tab and then tap beside a contact to make a call.

Checking Voicemail
If you have set the phone to divert certain calls to voicemail, callers can leave voicemail messages when they cannot reach you. Here’s how to check the messages they left.
1. Press the Home Key > > .
2. Press 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 Phone Calls – Adjusting Your Call Settings – Setting Voicemail for how to set your voicemail service. For detailed information, please contact your service provider.
Using Options During a Call
During a call, you will see a number of on-screen options. Tap an option to select it.
- Tap ☎️ 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.
- Tap 📞 to put the call on hold.
- Tap 🎤 to turn the speaker on or off.
- Tap 🗤️ to mute or unmute the microphone.
- Tap 🔄 to make another call separately from the first call, which is put on hold.
- Tap 🗞️ to go to contacts.
- Tap 🔄️ to merge the separate calls into a single conference call.
- Tap 📞️ to put the caller you are speaking to on hold, and switch to the other call that has been put on hold.
- Tap 🔴 to end the current call.

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

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

NOTE: Options and interface will vary. The call waiting and three-way call features need network support and may result in additional charges. Please contact your service provider for more information.

Switching Between Current Calls
When you’re on a call, your phone screen informs you that another call is coming in and displays the caller ID.

To respond to an incoming call while you’re on a call:
- Tap ✆️ (Answer) or ✆️ (Hold current and answer) to answer the call. This puts the first caller on hold and answers the second call.
- Tap ✆️ (End current and answer) to answer the second call and end the first one.
- Tap ✆️ to reject the second call.
- Tap ✆️ to reject the second call and select a preset text message to send to the caller.

To switch between two calls:
Tap ☑️.

Setting 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, tap ☑️ and dial the second number. This puts the first caller on hold.
3. When you’re connected to the second party, tap ☑️.
4. You can tap Manage conference call to end or separate a call; tap Back to call to return to the main call screen.

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, tap 🔴.

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.
Setting Contact Display Options
You can set the order of the contacts displayed in the tab of the Phone app.
1. Press the Home Key > > > Settings > Display options.
2. Tap Sort by or Name format to set the order of the contacts and the format of the contact names.

Setting Sound and Vibration
Set the sound and vibration for incoming calls as well as dial pad sounds.
1. Press the Home Key > > > Settings > Sounds and vibration.
2. Tap the option you want to configure.
   - Tap 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 tap the dial pad keys.

NOTE: You can set the vibration pattern for incoming call notifications. Press the Home Key > > > Settings > Vibrate pattern and select one.

Editing Quick Response to Rejected Callers
1. Press the Home Key > > > Settings > Quick responses.
2. Tap a text message to edit it.
3. Tap OK to save the message.

Setting Voicemail
1. Press the Home Key > > > Settings > Call settings.
2. Tap Voicemail to configure voicemail settings.
   - Tap Service to select the voicemail service provider. Your carrier is the default.
   - Tap Setup to view the voicemail number; if needed, tap Voicemail number to edit it.
   - Tap Ringtone to select the notification ringtone for new voicemails.
   - Check Vibrate to enable vibration for notifications.

Using Fixed Dialing Numbers
Fixed Dialing Numbers (FDN) allows you to restrict outgoing calls to a limited set of phone numbers.
1. Press the Home Key > > > Settings > Call settings.
2. Tap Fixed Dialing Numbers for the following options:
   - Enable FDN: Input the PIN2 code to enable the FDN feature.
   - Change PIN2: Change the PIN2 code for FDN access.
   - FDN list: Manage the FDN list.

NOTE: The PIN2 code is provided by your carrier. Entering an incorrect PIN2 code more times than allowed can lock your nano-SIM card. Contact the service provider for assistance.

Setting 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. Press the Home Key > > > Settings > Call settings > 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.
Setting 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. Press the Home Key > Settings > Call settings.
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.

Setting Display Duration
When this feature is enabled, the phone will display the call duration on the calling screen when a call is ended. You can also check the call duration in the call history.
1. Press the Home Key > Settings > Call settings.
2. Check or uncheck Display duration.

Setting Speed Dials
You can press 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. Press the Home Key > Settings > Call settings > Speed dial.
2. Tap a speed dial entry.
3. Enter a phone number or tap to select one from the contact list.
4. Tap OK.

Setting DTMF Tones
You can set the length of dual-tone multi-frequency (DTMF) signal tones.
1. Press the Home Key > Settings > Call settings > DTMF tones.
2. Tap Normal or Long.

Setting the Vibration When a Call is Answered
You can make the phone vibrate when a call is answered.
1. Press the Home Key > Settings > Call settings.
2. Check Vibrate when call is answered to enable this feature.

Forwarding Incoming Calls
The call forwarding feature allows you to forward your incoming calls to another phone number.
1. Press the Home Key > Settings > Call settings > Call forwarding.
2. Tap an available option to enable it.

Barring Certain Calls
The call barring feature allows you to forbid certain types of calls from your phone.
1. Press the Home Key > Settings > Call settings > Call barring.
2. Set the restriction of specific types of calls from your phone.

Setting Voice Privacy
This option allows you to enable enhanced privacy mode.
1. Press the Home Key > Settings > Call settings > Additional settings.
2. Check Voice privacy to enable this feature.
Phone Calls

Setting Plus Code Dialing
Plus Code Dialing allows the phone to automatically dial the international access code for your location when you press and hold the 0 Key in the dialpad.

To activate Plus Code Dialing:
1. Press the Home Key > > Settings > Call settings > Additional settings > Plus code dialing setting.
2. Check Setup Plus Code Replacement to enable this feature.

To change the international dialing code:
1. Press the Home Key > > Settings > Call settings > Additional settings > Plus code dialing setting.
3. Enter a new code and tap OK.

Setting Call Waiting
This option allows you to get notified of incoming calls during a call.
1. Press the Home Key > > Settings > Call settings > Additional settings.
2. Check Call waiting to enable this feature.

Setting Caller ID
Choose whether your number is displayed when someone receives your outgoing call.
1. Press the Home Key > > Settings > Call settings > Additional settings.
2. Tap Caller ID and select an option.

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, press the Home Key > Contacts. From there, you can tap the tabs to quickly switch to your contact groups or favorite contacts.

Checking Contact Details
1. Press the Home Key > Contacts. CONTACTS.
2. Scroll through the list to view all your contacts.
3. Tap 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, press and hold the slider and drag it to a letter.

Adding a New Contact
1. Press the Home Key > Contacts. CONTACTS.
2. Tap to add a new contact.

NOTE: If you have no contacts added yet, tap CREATE A NEW CONTACT.
3. Enter the contact name, phone numbers, and email addresses. Tap More Fields to enter other information. If you have multiple account types associated with your phone, tap 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. Tap to save the contact.

Setting Up Your Own Profile
You can create your own name card in your phone.
1. Press the Home Key > Contacts. CONTACTS.
2. Tap Set up my profile. If a profile has been set up, tap the listing below ME and tap .
3. Edit your profile information. Tap More Fields to add more information if desired.
4. Tap to save.
Contacts

Importing, Exporting, and Sharing Contacts
You can import/export contacts from/to the phone storage or the 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, Messaging, Google Drive, or Gmail.

Importing Contacts From the microSDXC Card or Phone Storage
1. Press the Home Key > 📞 > Contacts.
2. Tap 📧 > Import/Export > Import from storage.
3. If prompted, choose to import one, multiple, or all vCard files, and then tap OK.
4. If necessary, choose the vCard file(s) you would like to import, and then tap OK.

Exporting Contacts to the microSDXC Card or Phone Storage
1. Press the Home Key > 📞 > Contacts.
2. Tap 📧 > Import/Export > Export to storage.
3. The phone will prompt you with the name of the vCard file. Tap OK to create the file.

Sharing Contacts
1. Press the Home Key > 📞 > Contacts > CONTACTS.
2. Press and hold the contact you want to share.
3. Tap to select more contacts if needed, and then tap 📧.
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.

Contacts

Adding a Contact to Favorites
1. Press the Home Key > 📞 > Contacts > CONTACTS.
2. Tap a contact and then tap 📧 at the top of the screen.

Removing a Contact From Favorites
1. Press the Home Key > 📞 > Contacts > FAVORITES.
2. Tap a favorite contact and then tap 📧.

Working With Groups
Viewing Your Contact Groups
1. Press the Home Key > 📞 > Contacts > GROUPS.
2. Scroll through the list to view the preset groups and any groups you have created.
3. Tap a group to view its members.

NOTE: To send a message or an email to the group members, tap a group > 📧 > Send Group message/Send Group email and tap to select group members to include.

Setting Up a New Group
1. Press the Home Key > 📞 > Contacts > GROUPS.
2. Tap to create a new group.
3. Tap Group’s name and enter a name.
4. Tap Add member and select the contacts you wish to be the group members.
5. Tap 📧.
6. If necessary, tap the field below RINGTONE and NOTIFICATION RINGTONE to set a special ringtone for incoming calls and messages from the group members, and then tap OK.
7. Tap 📧 to save the group.
Contacts

Deleting a Group
1. Press the Home Key > Contacts > GROUPS.
2. Tap a group and then tap Delete Group.
3. Tap OK to disband the group. The contacts in the group will not be deleted.

Editing a Group
1. Press the Home Key > Contacts > GROUPS.
2. Tap a group > Edit.
3. Tap the group name to edit it, or tap the field below MEMBER, RINGTONE or NOTIFICATION RINGTONE to add more members or change the ringtone.
4. Tap OK.

NOTE: To remove group members, tap a group and then tap Multi-Select and select the members you would like to remove. Tap OK.

Searching for a Contact
1. Press the Home Key > Contacts and then tap Search to search.
2. Input the contact name you want to search for. The contacts matched will be listed.

Editing Contacts

Editing Contact Details
1. Press the Home Key > Contacts > CONTACTS.
2. Tap a contact and then tap Edit.
3. Edit the contact and tap OK.

Setting a Ringtone for a Contact
Assign a special ringtone to a contact, so you know who is calling when you hear the ringtone.
1. Press the Home Key > Contacts > CONTACTS.
2. Tap a contact you want to set a ringtone for, and then tap Set ringtone.

Deleting Contacts
1. Press the Home Key > Contacts > CONTACTS.
2. Press and hold the contact you want to remove.
3. Check more contacts if needed, and then tap OK.
4. Tap OK to confirm.

Joining 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. Press the Home Key > Contacts > CONTACTS.
2. Tap a contact to display the contact's details.
3. Tap > Join.
4. Tap OK to confirm.

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

5. Tap OK to save the joined contact.

Separating Contact Information
If contact information from different sources was joined in error, you can separate the information back into individual contacts on your phone.
1. Press the Home Key > Contacts > CONTACTS.
2. Tap a contact you want to separate.
3. Tap > Separate.
4. Tap OK to confirm.
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.

Adding an Account
1. Press the Home Key > Settings > Accounts > Add account.
2. Tap 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.

Removing an Account

Removing an account will delete it and all information associated with it, such as emails and contacts, from your phone.
1. Press the Home Key > Settings > Accounts.
2. Tap the account category and then tap the account you’d like to remove.
3. Tap > Remove account > REMOVE ACCOUNT.

Configuring Account Sync

Configuring Auto Sync Setting
1. Press the Home Key > Settings > Accounts.
2. Tap and check or uncheck Auto-sync data to enable or disable automatic sync.
3. Tap OK.
   • When automatic sync is 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.

Syncing Manually
1. Press the Home Key > Settings > Accounts.
2. Tap the account category and then the account you want to sync.
3. Tap > Sync now.

Changing an Account’s Sync Settings
1. Press the Home Key > Settings > Accounts.
2. Tap the account category and then the account. The Sync settings 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, tap a listing to sync that type of information between the phone and the web.
Email

Press the Home Key > . Use it to read and send emails from Microsoft Exchange ActiveSync, Gmail, Hotmail, Yahoo!, and more.

Setting Up the First Email Account
1. Press the Home Key > .
2. Select an email server, and then enter your email address and password.
3. Tap NEXT to let the phone retrieve the network parameters automatically.
   NOTE: You can also enter these details manually by tapping 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 swiping down on the message list. Tap 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.

Replying to or Forwarding 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, tap .
   • To reply to the sender and all recipients of the original message, tap .
   • To forward the message, tap .

3. Edit your message and tap .

Marking 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, tap > Mark unread.
• While in a message list (for instance, the inbox), tap the sender image before the message and then tap .

Deleting an Email
You can delete an email from its folder. You can also delete a batch of emails.
• While reading a message, tap > Delete.
• While in a message list (for instance, the inbox), tap the sender image before the message and then tap .

NOTE: If you accidentally delete an email, tap UNDO to retrieve it.

Writing and Sending an Email
1. Open your email Inbox and tap .
   NOTE: If you have more than one email account added on the phone, tap the sender line 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 tap + to select recipients from your contacts.
   NOTE: To send a carbon copy or blind carbon copy to other recipients, tap 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. Tap to add audio files, images, videos, and other types of files as attachments.
5. Tap 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. Tap > Settings and select the account you want to add a signature to.
3. Tap Signature and enter the text.
4. Tap OK.

Adding and Editing Email Accounts

Adding an Email Account
After setting up your first email account (see Email – Setting Up the First Email Account), you can add more email accounts and manage them separately.
1. Open the Email app.
2. Tap > Settings > Add account.
3. Set up the account as you did with the first one.

Editing 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. Tap > Settings and tap the account whose settings you want to change.
3. Make the changes you want and tap or press the Back Key when you’re finished.

Removing an Email Account
1. Open the Email app.
2. Tap > Settings and tap the account you want to remove.
3. Tap Remove account > OK.

Changing General Email Settings
General settings apply to all email accounts you add.
1. Open the Email app.
2. Tap > Settings > General settings.
3. Make the changes you want and tap or press the Back Key when you’re finished.
Messaging

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

Opening the Messaging Screen

Press the Home Key > ．
The Messaging screen opens, where you can create a new message, search for messages, or open an ongoing message thread.
- Tap to write a new text or multimedia message.
- Tap to search for a message using keywords.
- Tap an existing message thread to open the conversation.

Sending a Message

1. On the Messaging screen, tap ．
2. Add recipients in one of the following ways:
   - Tap the To field and manually enter the recipient’s number or the contact name. If the phone presents a few suggestions, tap the one you want to add.
   - Select recipients from your contacts by tapping ．
3. Tap the Type message field and enter the content of your text message.
4. If you want to send a multimedia message, tap ． to attach a file or a slideshow to the message.
5. Tap ➤ or  ➤ Send.

NOTES:
- You can also include email addresses as recipients for multimedia messages.
- Do not add an 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, tap the thread that has the message you want to reply to.
2. Type your reply in the text field at the bottom. You can tap  if you want to reply with an MMS.
3. Tap  ➤ or  ➤ Send.

Forwarding a Message

1. On the Messaging screen, tap the thread that has the message you want to forward.
2. Tap the message you would like to forward.
3. Tap Forward in the menu that opens.
4. Enter a recipient for the message and edit the content if needed.
5. Tap  ➤ or  ➤ Send.

Deleting Messages or Threads

Deleting Messages in a Thread

1. On the Messaging screen, tap a thread.
2. Tap  ➤ Multi-Select.
3. Tap the checkboxes beside the messages you want to delete.
4. Tap  ➤ OK.

Deleting Message Threads

1. On the Messaging screen, press and hold one thread you want to delete.
2. If there are more threads you want to delete, tap them one by one.
3. Tap  ➤ OK.
**Messaging**

**Copying a Message**
You can copy text messages from the nano-SIM card to the phone storage.
1. On the Messaging screen, tap > Settings > Manage SIM card messages.
2. Press and hold a message and then tap Copy to phone memory.

**Changing Message Settings**
Tap > Settings in the Messaging screen to change Message 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, press the Home Key > Calendar.

**Viewing Your Calendars and Events**

**Selecting Visible Calendars**
1. Open the Calendar app.
2. Tap > Calendars to display.
3. In the new screen, tap to check the calendars you want to see or uncheck the calendars you’d like to hide.

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

**Changing Calendar Views**
You can view your calendars in different forms. The app offers four views: Month, Week, Day, and Agenda.

To change calendar views, tap the current view at the top left and select the view you prefer. You can also change to Day view from Month view by tapping twice on any day block in the monthly calendar.

- In Month view, swipe vertically to see earlier months and later months.
- In Week or Day view, swipe horizontally to see earlier weeks/days and later weeks/days.
- When you are viewing earlier or later days, weeks, or months, tap the calendar icon at the top of the screen to quickly switch to today.

**Viewing Event Details**
In Agenda, Day, or Week view, tap an event to view its details.
In Month view, tap a day, then tap an event to view its details.
Creating an Event
1. In any Calendar view, tap to open an event details screen for a new event.
   You can also tap 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 tapping the current calendar above the Event name box.
2. Add details about the event. Tap **MORE** to access more options.
3. Tap **DONE** 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 tap > **Copy**. Then edit the new event information and tap **DONE**.

Editing, Deleting, or Sharing an Event
1. Find the event you want to edit, delete, or share.
2. Open its details screen (see Calendar – Viewing Your Calendars and Events – Viewing Event Details).
3. Choose one of the following options:
   - To edit the event, tap **EDIT**. Tap **DONE** to save your changes.
   - To delete the event, tap **DELETE** > **OK**.
   - To share the event, tap **SHARE** and choose how to share.

Changing Calendar Settings
To change Calendar settings, open a Calendar view (Day, Week, Month, or Agenda) and then tap > **Settings**.
You can change General settings, which apply to all accounts, or other settings that only apply to specific accounts.

Searching an Event
Tap > **Search** and then type the event in the Search field, or tap to speak out the event you want to search.

- To add an email account, tap > **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.
Browser

Use Browser to view web pages and search for information.

Opening the Browser
Press the Home Key > to launch the web browser. The Browser also opens when you tap a web link—for example, in an email or a text message.
1. Open the Browser app.
2. Tap the address box at the top of the web page.
3. Enter the URL of a web page, or enter terms you want to search for.
4. Tap the icon at the top of the screen to open the web page or search results.
NOTE: Tap next to the address box if you want to stop opening the page.

Setting the Home Page
Your home page opens when you open a new browser tab, and when you open Browser after restarting your phone.
1. Open the Browser app.
2. Tap > Settings > Set homepage.
3. Enter the URL and tap OK to set it as the homepage.

Using Multiple Browser Windows
You can open several web pages at the same time (one page in each window) and switch between them freely.

Opening a New Browser Window
Tap at the bottom of the screen, and then tap New window. A new browser window opens and the home page is loaded.

Switching Between Browser Windows
1. Tap the icon at the bottom of the screen. The number in the icon indicates the number of currently active browser windows.
2. Swipe vertically to scroll through the list of opened web pages.
3. Tap one you want to open.
NOTE: Swipe a web page horizontally or tap to close the browser window. Tap Close all > OK to close all windows.

Downloading Files
1. Press and hold an image or a link to a file or to another web page.
2. In the menu that opens, tap Save image or Save link.
The downloaded files are saved to your phone. 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 Browser settings screen, tap > Settings in the browser screen.
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. Press the Home Key > 📷.
2. Aim the camera at the subject and make any necessary adjustments. PHOTO (auto camera) mode is used by default.
3. Tap 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 tap 📷, press the Volume Key, or tap the Fingerprint Sensor to take the picture.

<table>
<thead>
<tr>
<th>Number</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Change the camera settings.</td>
</tr>
<tr>
<td>2</td>
<td>Switch between video camera, photo camera, and dual-camera mode.</td>
</tr>
<tr>
<td>3</td>
<td>Exit the camera.</td>
</tr>
<tr>
<td>4</td>
<td>Select a color effect or other special effects.</td>
</tr>
<tr>
<td>5</td>
<td>Capture a photo.</td>
</tr>
<tr>
<td>6</td>
<td>View photos and videos you have taken.</td>
</tr>
<tr>
<td>7</td>
<td>Use special photo or video camera modes: Manual, Panorama, Multi Exposure, Time-Lapse, Slow Motion, and Sports.</td>
</tr>
<tr>
<td>8</td>
<td>Switch between the front and back cameras.</td>
</tr>
<tr>
<td>9</td>
<td>Set a time delay before the camera automatically takes a picture after you tap the shutter icon.</td>
</tr>
<tr>
<td>10</td>
<td>Change the HDR setting (back camera only).</td>
</tr>
<tr>
<td>11</td>
<td>Change the flash setting (back camera only).</td>
</tr>
</tbody>
</table>

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 out before taking a picture.
• In PHOTO (auto camera) mode, when you tap 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 tap or BEAUTIFY to use smile detection or beauty face.

Using Dual-Camera Mode
In dual-camera mode, you can adjust aperture for a bokeh effect or take monocolor or monochrome pictures.
1. Press the Home Key > 📷 > DUAL.
2. Tap an option:
   • **BOKEH**: Take a photo with the subject in focus and the background blurred. Hold the phone 1 to 6.5 feet from the subject, and adjust the slider to change the shutter aperture.
   • **MONOCOLOR**: Take a photo with only one color visible. Tap a color option, and then use the RANGE slider to adjust the color selection to achieve the desired effect.
Camera

- **MONOCHROME**: Tap ORIGINAL for a grayscale photo, SKETCH to render the photo in a drawn style, or VIGNETTE to capture a grayscale photo with a soft-edge effect.

3. Tap 📸 to take the picture.

**Using Manual Camera Mode**

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

1. Press 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.
   - 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. Press and hold to lock exposure.
   - Tap 📸 to unfold more options, including shutter speed, ISO, overall exposure, white balance, interval for time-lapse photos, and focus.

3. Tap 📸 to take the photo.

**Using Other Camera Modes**

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

- **PANORAMA**: Capture panorama photos.
- **MULTI EXPOSURE**: Capture multiple photos to create collages and special effects.
- **TIME-LAPSE**: Set the time interval between each frame when you record time-lapse videos with the back camera.
- **SLOW MOTION**: Capture slow-motion video clips.
- **SPORTS**: Keep the focus on moving objects.

**Recording a Video**

1. Press the Home Key 🔄 > 📸 > VIDEO.

2. Aim the camera at the subject and make any necessary adjustments. You can tap any area on the screen that you want the camcorder to focus on before and during recording.

3. Tap 📸 to start recording. You can tap 🟪/🔴 to pause or resume recording, or tap 📸 to save the frame as a photo.

4. Tap 📸 to stop recording.

**NOTES:**
- You can pinch or spread your fingers on the screen to zoom in or out before and during recording.
- When you tap the screen to focus during recording, the exposure bar + appears beside the focus point. You can drag ⬆️ up or down to adjust the exposure. Press and hold the focus point to lock the focus.
- To capture slow-motion or time-lapse video, tap 📸 > SLOW MOTION or TIME-LAPSE. Tap 📸 to start recording and 📸 to stop. In Slow Motion mode, you can tap 🟪/🔴 to pause or resume recording. In Time-Lapse mode, you can tap 📸 to save the frame as a photo.

**Customizing Camera and Video Settings**

Before capturing a photo or video, you can tap 📸 to open the following options.

**NOTE:** Some camera and video options will change in different camera modes.

- **Resolution**: (front and rear camera) Set the image size for your photo.
- **Video quality**: (Video mode) Set the quality for your video.
- **Point-and-shoot**: (front camera) Tap the viewfinder screen to take a photo.
- **Mirror image**: (front camera) Take a mirror photo.
Opening the Gallery
Press the Home Key > Gallery to view albums of your pictures and videos.

Working With Albums
When you open the Gallery, all pictures and videos on your phone are displayed in a number of albums. Swipe up and down to see them all.

Viewing Album Contents
Tap an album to view the pictures and videos it contains.

Sharing Albums, Pictures, or Videos
1. Press and hold an item in the Albums view to select an album, or after you open an album, to select a picture or a video.
2. Tap more items that you want to share.
3. Tap and select how you want to share the items.

Deleting Albums, Pictures, or Videos
1. Press and hold an item in the Albums view to select an album, or after you open an album, to select a picture or a video.
2. Tap more items that you want to delete.
3. Tap and select how you want to share the items.

Hiding Albums
1. Press and hold an item in the Albums view to select it.
2. Tap more albums that you want to hide.
3. Tap > OK.

NOTE: To show the hidden albums again, tap > Settings > Manage hidden albums. Tap the albums you want to restore, and then tap Show.
Working With Pictures

Tap 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.

<table>
<thead>
<tr>
<th>Number</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Tap to return to the album, where all its contents are displayed in a grid.</td>
</tr>
<tr>
<td>2</td>
<td>Delete the picture.</td>
</tr>
<tr>
<td>3</td>
<td>Edit the picture.</td>
</tr>
<tr>
<td>4</td>
<td>Share the picture.</td>
</tr>
<tr>
<td>5</td>
<td>View more options, such as rotate, rename, and print.</td>
</tr>
<tr>
<td>6</td>
<td>Add to favorites.</td>
</tr>
</tbody>
</table>

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 tapping > OK or by swiping it up in the filmstrip view. If you accidentally delete one by swiping it up, tap UNDO to retrieve it.
- For a picture captured in the dual-camera BOKEH mode, you can tap , tap anywhere on the picture to refocus, and then select the blur level. Tap to save 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 original is never affected.

1. While viewing a picture in full screen, tap the screen and tap > Photo Editor.
   NOTE: You can also choose to edit the picture with Photos.
2. Tap the icons along the bottom of the screen to edit the picture.
   - Apply filters, old photo effects, or blur effects.
   - Crop, rotate, or flip (mirror) the picture.
   - Adjust exposure, saturation, hue, sharpness, and other color options.
   - Select a color and draw on the picture, or add some text or mosaics to the picture and adjust the effect.
   - Add a frame to the picture, or decorate people in the picture with mustaches, eyeglasses, hats, and more.
3. Tap ✔️ to keep the change or ✗ to cancel it.
4. Tap 📸 to save the new picture.
   NOTE: Tap 🎨 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 tap GIF maker or Collage maker.
2. Tap an album.
3. Tap the pictures you want.
   • To make a GIF, tap 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, tap 2 to 9 pictures.
   The pictures you tapped are displayed along the bottom of the screen. Tap to remove the pictures you do not want.
4. Tap NEXT. The GIF or collage is displayed.
5. Tap the options along the bottom to adjust the final picture.
   • For GIF, you can adjust the speed, order, and size. Tap MORE to adjust each picture, and then tap Manage Frame to add more pictures or change their order.
   • For collage, tap TEMPLATE, FREE, or COLLAGE and then select a border, shading, and style.
6. When you are satisfied with the final picture, tap to save the GIF or tap 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. Tap an album in Gallery, and then tap the thumbnail of a video.
2. Tap at the center and select a player to start playing.
3. Tap the video to view the playback controls.
   In the Video Player, you can tap to play the video in a small floating window and continue with other tasks on the phone.

Music
Press 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
Press the Home Key > Music, and your music library is displayed. All your audio files are cataloged according to the information stored in the files.
   • Tap All Songs to view all music files on your phone.
   • Tap Artists or Albums to browse music files on your phone organized by the artist or album name.
   • Tap Folders to find music files through the folders they are stored in.
   • Tap Favorites to browse music files you have marked as favorites.
   • Tap Playlists to view all music playlists you have created.

NOTE: If an audio file is being played, its name and player controls are displayed at the bottom of the screen. Tap 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 Contacts – Editing Contacts – Setting a Ringtone for a Contact).
1. Press the Home Key > Music to see the music library.
2. Tap next to a song in any list.
3. In the menu that opens, tap Set as ringtone.
4. Tap Phone Ringtone or Notification Ringtone.

NOTE: If the song is being played and you’re on the playback screen, tap > Set as ringtone and select Phone Ringtone or Notification Ringtone.
Playing Music

Tap a song in the music library to listen to it. Tap the playback bar at the bottom of the screen to open the following playback screen.

1. Return to the music library.
2. Album artwork (if available). Slide left/right to switch to the next/previous song in the playlist.
3. Open the Dolby Audio app to adjust the sound effect.
4. Check the track information.
5. Turn shuffle on or off.
6. Playback control: Skip songs or pause and resume playback. Drag the progress bar to jump to any part of the track.
7. Toggle repeat mode: no repeat, repeat the current track, or repeat the current playlist.
8. Add the track to the Favorites playlist.
9. Tap to see the current playlist (queue).
10. Access additional options.

You can still control the music when you are not in the playback screen.
- In other apps, swipe down the Notification Panel. Tap the song title to restore the playback screen, or you can pause/resume playback or skip songs.
- When the screen is locked, the song information, album cover, and playback controls are displayed on the screen. Tap 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.
- Tap > Add to playlist next to a song to add it to a playlist or create a new playlist.
- Tap > Delete next to a playlist to delete the playlist.
- Tap > Rename next to a playlist to rename the playlist.
- Tap a playlist to view its content. To delete a song, press and hold the song. Tap additional songs to select multiple songs for removal. Tap to remove the songs from the playlist.
Video Player

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

Opening the Video Library
Press the Home Key > Video Player to view your video library. Swipe up or down to find the video you want. You can also tap or search for video files, or tap View by or Sort by to change the display mode or sort the list.

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

<table>
<thead>
<tr>
<th>Number</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Return to the video library list.</td>
</tr>
<tr>
<td>2</td>
<td>Rotate the video.</td>
</tr>
<tr>
<td>3</td>
<td>Change the video ratio (fit to screen).</td>
</tr>
<tr>
<td>4</td>
<td>Playback control: Skip videos or pause and resume playback. Drag the slider to jump to any part of the video.</td>
</tr>
<tr>
<td>5</td>
<td>Play the video in a small window and continue with other tasks on the phone.</td>
</tr>
<tr>
<td>6</td>
<td>Share, trim, or delete the video, or configure player settings.</td>
</tr>
<tr>
<td>7</td>
<td>Hide video playback controls and lock the touch screen.</td>
</tr>
<tr>
<td>8</td>
<td>Take a screenshot.</td>
</tr>
<tr>
<td>9</td>
<td>Open the Dolby Audio app to adjust the sound effect.</td>
</tr>
</tbody>
</table>

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.
- Tap or to skip to the previous or the next video.

Managing Video Files

Deleting Videos
1. In the video library, tap Multi-Select, or press and hold a video.
2. Tap the videos you want to delete.
3. Tap OK.

Sharing Videos
1. In the video library, tap Multi-Select, or press and hold a video.
2. Tap the videos you want to share.
3. Tap and select how you want to share them.

Trimming a Video
1. Tap a video to start playing it.
2. Tap Trim.
3. Drag the two tabs on the progress bar to select the portion you want to keep. You can tap to preview the selected portion.
4. Tap The trimmed video is saved as a new video file.
Renaming a Video
1. Tap ▼ next to the video you want to rename.
2. Tap Rename.
3. Type the new video name and tap OK.

Viewing Details of a Video
1. Tap ▼ next to a video for which you want to view details.
2. Tap Details.
3. Tap 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. Press the Home Key >  > Sound Recorder.
2. Tap ▀ to turn on or off high-quality recording.
3. Tap ◀ to start recording. Tap ◀ to pause and ◀ to continue recording.
4. Tap ◀ to stop recording. The memo is automatically saved.

Playing a Voice Memo
Playing a Memo You Just Recorded
Tap ◀ at the bottom of the screen.

Playing Any Saved Memo
1. Tap ▶ at the top right of the screen to see all recordings.
2. Tap the title of a memo to play it.

NOTE: You can also tap ▶ 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.
More Apps

Calculator
Press 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
Press the Home Key > Clock. The Clock app allows you to check local time in places around the world, set alarms, and use timers.

Setting a New Alarm
1. Open the Clock app and tap .
2. Tap a default alarm to configure it, or tap 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. Tap SAVE to save and exit.

NOTES:
• To enable or disable existing alarms directly, tap On or Off on the right side of each alarm.
• Tap to configure alarm settings, including ringtone volume, vibration, alarm duration, volume crescendo, and alarm in silent mode.

Using World Time
1. Open the Clock app and tap .
2. World time lets you check local times for cities around the world. Tap to add a new city.

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

Dolby Audio
Press the Home Key > Dolby Audio to select or customize a Dolby profile. You can also tap to turn off Dolby Audio.

Downloads
The Downloads app keeps a record of the files you have downloaded using apps such as Browser or Email.
Press the Home Key > Downloads.
• Tap a file to open it with the appropriate application.
• Press 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.
Press the Home Key > File Manager. Tap CATEGORY to find the file you need by category, or tap LOCAL to browse folders and files on the phone storage or the microSDXC card.
• Tap folders and files to access stored items.
• Tap to create a new folder in the current directory.
• Tap to search for a file or folder by name.
• Press and hold a folder or file for options: copy, move, share, delete, and more options.
To copy or move an item:
1. Press and hold the folder or file.
2. Tap \ or \.
3. Navigate to a new location within File Manager and tap PASTE.

**Wi-Fi Utility**
Wi-Fi Utility can manage your Wi-Fi settings to provide free and high-speed data by automatically connecting your phone to reputable Wi-Fi hotspots.

Press the Home Key > Wi-Fi Utility, and select a Wi-Fi settings option.

**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.
- **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.
- **Hangouts:** Chat with Google+ friends or send text or multimedia messages.
- **Maps:** Find your place and find your way in the world.
- **Photos:** Manage photos on the phone and on 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:** Purchase 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.
Press the Home Key > ☰ > Settings. Settings contains most of the tools for customizing and configuring your device.

**Wireless & Networks**

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

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

**Mobile Networks**
Control mobile data use and data roaming and adjust other network settings (see Connecting to Networks and Devices – Connecting to Mobile Networks).

**Wi-Fi Hotspot**
Share your phone’s mobile data connection with other devices via Wi-Fi (see Connecting to Networks and Devices – Sharing Your Mobile Data Connection).

**Data Usage**
Tap the Mobile data or Set mobile data limit switches to turn on or off mobile data or the mobile data limit.

You can check how much data has been used during the time cycle you set, set a mobile data limit and warning, see what apps have been using mobile data, or restrict background data for individual apps.

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

**Settings**

Tap ☰ > Network restrictions to select Wi-Fi networks that are mobile hotspots. Apps may warn you before using these networks for large downloads to avoid high mobile data bills.

**Airplane Mode**
In the Settings app, tap More > 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.

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

**Default SMS App**
In the Settings app, tap More > Default SMS app to choose the preferred application for sending and receiving messages.

**Personal**

**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.
- **Sleep:** Set the length of time of inactivity before the screen turns off automatically.
- **Daydream:** Manage the Daydream function. When Daydream is enabled, photos or animations will be displayed as a screensaver.
- **Font size:** Set the font size of the text on the screen.
- **Auto-rotate screen:** 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.
Settings

• **Navigation key light duration:** Control the backlight of the Home Key, Back Key, and Recent Apps Key. Choose one of the following options to set the backlight duration:
  - **Always off:** Turn off their backlight.
  - **Always on:** Keep their backlight on while the screen is turned on.
  - **2 seconds / 5 seconds:** Their backlight comes on for two or five seconds each time you touch the screen or keys while the screen is on.
  - **Auto:** Let your phone turn their backlight on or off automatically.

Sound & Notification
Adjust different types of volume (see Personalizing – Adjusting Volumes), adjust Dolby Audio settings, set Do not disturb options (see Personalizing – Using Do Not Disturb Mode), set up ringtone and notification sound (see Personalizing – Changing the Ringtone and Notification Sound), select system sounds (see Personalizing – Turning System Sounds On/Off), set notification mode (see Personalizing – Switching to Silent or Vibration Mode), enable/disable silent power-on/off, control notification display, or check apps that have requested notification or Do not disturb access.

Security
• **Screen lock:** Lock the screen with long press, pattern, PIN, or password (see Personalizing – Protecting Your Phone With Screen Locks).
  • **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/Lock 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.

• **Fingerprint:** Set up to five fingerprints and use them to unlock the phone. You can also press the fingerprint sensor to take a photo, answer an incoming call, or open a bound app when the screen is off or locked. See Personalizing – Using Your Fingerprint.
  • **Smart Lock:** Keep the phone unlocked when connected to trusted devices, in trusted places, when recognizing trusted faces or voices, or while being held or carried.
    **NOTE:** You need to sign in to your Google account on the phone to use the Smart Lock feature.
  • **Encrypt phone:** Your phone is already encrypted.
  • **Set up SIM card lock:** Lock the nano-SIM card and change the nano-SIM PIN.
  - **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.
  • **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.
  • **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 others cannot switch apps and access personal information (see Personalizing – Protecting Your Phone With Screen Pinning).
Settings

- Apps with usage access: Turn on or off some apps’ access to your phone usage information.

Navigation Key
You can swap the positions of the Back Key and the Recent Apps Key. Select an option to make the switch.

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

Language & Input
- Language: 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 & input methods: Configure text input settings (see Knowing the Basics – Changing Input Methods).
- Text-to-speech output
  - Preferred engine: Select the speech synthesis engine you want to use, or change its settings.
  - Speech rate: Select how quickly you want the synthesizer to speak.
  - Pitch: Adjust the tone of spoken text.
  - Listen to an example: Play a brief sample of the speech synthesizer, using your current settings.
  - Default language status: Check the default language status.
- Pointer speed: Select how fast the pointer/mouse should scroll when you connect the phone to a trackpad or mouse accessory.

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

Device

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. Press 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, tap 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: Tap Accelerated location and check Location consent to use Qualcomm® IZat™ hardware accelerated location to determine your location.

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. Tap Save location and select to store items in the phone storage or the installed microSDXC card.
Under Device storage, tap Phone to get a detailed breakdown of space usage by type. Tap a data type to see more information or delete the files you do not need.
For more information about using the internal storage and the microSDXC card, see Connecting to Networks and Devices – Using the microSDXC Card as Portable Storage.
When you connect a USB storage device (such as a USB flash drive) to your phone with an OTG adapter cable, you can view its storage status, unmount it, or erase all data on it. See Connecting to Networks and Devices – Using USB On-the-Go (OTG).

Battery
View remaining battery power and check which items have been using the battery. Tap an app or service to adjust its settings in order to save battery life. For example, tap Screen > Reduce the screen brightness and/or screen timeout to change screen brightness and sleep setting. Tap Settings > Battery saver to manage battery saving mode. You can turn Battery saver on or off, or set a battery level at which it turns on automatically. Tap Settings > Battery optimization. Battery optimization helps prolong battery standby time when you’re not using the phone. To turn battery optimization off for specific apps, tap Not optimized > All apps. Tap the app name, and then tap Don’t optimize > DONE.

Apps
Press the Home Key > Settings > Apps to see apps installed on your phone and manage them. Tap Settings > Show system/Hide system to show/hide system apps in the list. Tap Settings > Reset app preferences to reset all preferences. (You will not lose app data, but app preferences will be restored to default.) Tap to configure apps. In the app list, tap an app to see its information. The following options may be available:
- DISABLE/ENABLE: Disable or enable the app.
- FORCE STOP: Stop 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 and change background data restriction settings.

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 your network settings, including Wi-Fi, cellular data, 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.

NOTE: Not all options are available for all apps.

Memory
Monitor the average memory use and performance of your phone. You can also check which apps use the most memory.

Connect to PC
Select the USB connection mode between your phone and PC (see Connecting to Networks and Devices – Connecting to Your Computer via USB – Connecting Your Phone to a Computer via USB).
Settings

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

System

Accessibility
Configure the system accessibility options and accessibility plug-ins on your phone, such as using Color inversion or Large text 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. Tap Software Update to check for available software updates for your phone.

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 an upgrade package to your microSDXC card and install it to your phone from the card.

NOTE: Visit the ZTE official handset service support website (http://www.ztedevice.com/support) and click your country or region 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.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Causes</th>
<th>Possible Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poor reception</td>
<td>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.</td>
<td>Move to a location where the network signal can be properly received.</td>
</tr>
<tr>
<td></td>
<td>The network is busy at the current time (for example, during peak times, there may be too much network traffic to handle additional calls).</td>
<td>Avoid using the phone at such times, or try again after waiting a short time.</td>
</tr>
<tr>
<td></td>
<td>You are too far away from a base station for your service provider.</td>
<td>You can request a service area map from your service provider.</td>
</tr>
<tr>
<td>Echo or noise</td>
<td>Poor network link quality on the part of your service provider.</td>
<td>End the call and dial again. You may be switched to a better-quality network link or phone line.</td>
</tr>
<tr>
<td></td>
<td>Poor local telephone line quality.</td>
<td>End the call and dial again. You may be switched to a better-quality network link or phone line.</td>
</tr>
<tr>
<td>Unable to select certain features</td>
<td>Your service provider does not support these features, or you have not applied for services that provide these features.</td>
<td>Contact your service provider.</td>
</tr>
</tbody>
</table>

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<tr>
<th>Problem</th>
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<th>Possible Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery not charging</td>
<td>The battery or battery charger is damaged.</td>
<td>Contact the dealer.</td>
</tr>
<tr>
<td></td>
<td>The phone’s temperature is below 32°F (0°C) or higher than 113°F (45°C).</td>
<td>Adjust the battery charging environment to avoid extremes of temperature.</td>
</tr>
<tr>
<td></td>
<td>Poor contact between the battery and charger.</td>
<td>Check all connectors to make sure all connections have been properly made.</td>
</tr>
<tr>
<td>Shortened standby time</td>
<td>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.</td>
<td>If you are located in an area where signaling is weak, temporarily power off the phone.</td>
</tr>
<tr>
<td></td>
<td>The battery is depleted. In high-temperature environments, battery life will be shortened.</td>
<td>Contact the dealer for a new battery.</td>
</tr>
<tr>
<td></td>
<td>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.</td>
<td>Change your location to one where the network is accessible, or temporarily turn off your phone.</td>
</tr>
</tbody>
</table>
### Troubleshooting

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<tr>
<th>Problem</th>
<th>Possible Causes</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Cannot turn your phone on</td>
<td>Battery power has been depleted.</td>
<td>Recharge the phone’s battery.</td>
</tr>
<tr>
<td>nano-SIM card error</td>
<td>The nano-SIM card has malfunctioned or is damaged.</td>
<td>Take the nano-SIM card to your service provider for testing.</td>
</tr>
<tr>
<td></td>
<td>The nano-SIM card is inserted improperly.</td>
<td>Insert the nano-SIM card properly.</td>
</tr>
<tr>
<td></td>
<td>Debris is on the nano-SIM card contacts.</td>
<td>Use a soft, dry cloth to clean the nano-SIM card contacts.</td>
</tr>
<tr>
<td>Unable to connect to the network</td>
<td>The nano-SIM card is invalid.</td>
<td>Contact your service provider.</td>
</tr>
<tr>
<td></td>
<td>You are not within the network’s service area.</td>
<td>Check the service area with your service provider.</td>
</tr>
<tr>
<td></td>
<td>Poor signal.</td>
<td>Move to an open space, or if you are inside a building, move closer to a window.</td>
</tr>
<tr>
<td>You cannot answer incoming calls</td>
<td>You have activated the Call barring feature.</td>
<td>Disable this feature. See Phone Calls – Adjusting Your Call Settings – Barring Certain Calls.</td>
</tr>
<tr>
<td>You cannot make outgoing calls</td>
<td>You have activated the Call barring feature.</td>
<td>Disable this feature. See Phone Calls – Adjusting Your Call Settings – Barring Certain Calls.</td>
</tr>
<tr>
<td></td>
<td>You have activated the Fixed Dialing Numbers feature.</td>
<td>Disable this feature. See Phone Calls – Adjusting Your Call Settings – Using Fixed Dialing Numbers.</td>
</tr>
</tbody>
</table>

### Troubleshooting

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</tr>
</thead>
<tbody>
<tr>
<td>PIN code blocked</td>
<td>You have entered an incorrect PIN code three consecutive times.</td>
<td>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.</td>
</tr>
<tr>
<td>Phone crashes, reboots, freezes, or cannot be powered on</td>
<td>Some third-party software is not compatible with your phone.</td>
<td>Uninstall the software that may be causing the problem.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Upgrade the phone software.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reset the phone to factory status.</td>
</tr>
</tbody>
</table>
Radio Frequency (RF) Energy

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

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

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

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

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR compliance for body-worn operation is based on a separation distance of 0.4 inches (10 mm) between the unit and the human body. Carry this device at least 0.4 inches (10 mm) away from your body to ensure RF exposure level compliant or lower to the

For Your Safety

Don't make or receive handheld calls while driving. Never text while driving.
Keep your phone at least 10 mm away from your ear or body while making calls.
Small parts may cause choking.
Your phone can produce a loud sound.
Avoid contact with anything magnetic.
Keep away from pacemakers and other electronic medical devices.
Power off when asked to in hospitals and medical facilities.
Power off when told to in aircrafts and airports.
Power off when near explosive materials or liquids.

Don't use at gas stations.
Your phone may produce a bright or flashing light.
Don't dispose of your phone in fire.
To prevent possible hearing damage, do not listen at high volume levels for long periods.
Avoid extreme temperatures.
Avoid contact with liquids. Keep your phone dry.
Don't take your phone apart.
Only use approved accessories.
Don't rely on your phone for emergency communications.

For Your Safety

Don't use gas stations.
Your phone may produce a bright or flashing light.
Don't dispose of your phone in fire.
To prevent possible hearing damage, do not listen at high volume levels for long periods.
Avoid extreme temperatures.
Avoid contact with liquids. Keep your phone dry.
Don't take your phone apart.
Only use approved accessories.
Don't rely on your phone for emergency communications.
Hearing Aid Compatibility (HAC) Regulations for Mobile Phones

In 2003, the FCC adopted rules to make digital wireless telephones compatible with hearing aids and cochlear implants. Although analog wireless phones do not usually cause interference with hearing aids or cochlear implants, digital wireless phones sometimes do because of electromagnetic energy emitted by the phone's antenna, backlight, or other components. Your phone is compliant with FCC HAC regulations (ANSI C63.19-2011).

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate. The wireless telephone industry has developed ratings for some of their mobile phones to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that have been rated have a label on the box. These ratings are not guaranteed. Results will vary, depending on the level of immunity of your hearing device and the degree of your hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference with hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

For Your Safety

reported level. To support body-worn operation, choose the belt clips or holsters, which do not contain metallic components, to maintain a separation of 0.4 inches (10 mm) between this device and your body.

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

FCC Regulations

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

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

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

CAUTION: Changes or modifications not expressly approved by the manufacturer could void the user’s authority to operate the equipment.
T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices contain telecoils.)

Your **Z986DL** has been tested for hearing aid device compatibility and has an **M4/T3** rating. Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device.

For additional information about the FCC’s actions with regard to hearing aid compatible wireless devices and other steps the FCC has taken to ensure that individuals with disabilities have access to telecommunications services, please go to www.fcc.gov/cgb/dro.

**Distraction**

**Driving**

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

**Operating Machinery**

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

**Product Handling**

**General Statement on Handling and Use**

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

For Your Safety

- Always treat your phone and its accessories with care and keep it in a clean and dust-free place.
- Keep the screen and camera lens clean. Unclean screen or camera lens may slow down the phone's reaction to your operations or lower image quality.
- Clean the device and its accessories with a soft material such as cleaning cloth for eyeglass lenses. Do not use alcohol or other corrosive substances for cleaning or allow them to get inside.
- Do not expose your phone or its accessories to open flames or lit tobacco products.
- Do not expose your phone or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your phone or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your phone or its accessories.
- Do not attempt to disassemble your phone or its accessories. Only authorized personnel can do so.
- Do not expose or use your phone or its accessories in an environment with or that can reach extreme temperatures, minimum 23°F (-5°C) and maximum 122°F (+50°C).
- Do not place your phone inside or near heating equipment or high-pressure containers, such as water heaters, microwave ovens, or hot cooking utensils. Otherwise, your phone may be damaged.
- Please check local regulations for disposal of electronic products.
- Do not carry your phone in your back pocket as it could break when you sit down.

**Small Children**

Do not leave your phone and its accessories within the reach of small children or allow them to play with it. They could hurt themselves or others, or could accidentally damage the phone. Your phone contains small parts with sharp edges that may cause an injury or may become detached and create a choking hazard.
For Your Safety

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

Electrostatic Discharge (ESD)
Do not touch the nano-SIM/SD card’s metal connectors.

Antenna
Do not touch the antenna unnecessarily.

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

Air Bags
Do not place a phone in the area over an air bag or in the air bag deployment area as an airbag inflates with great force and serious injury could result. Store the phone safely before driving your vehicle.

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

Repetitive Strain Injuries
To minimize the risk of Repetitive Strain Injury (RSI) when texting or playing games with your phone:
• Do not grip the phone too tightly.
• Press the buttons lightly.
• Use the special features that are designed to minimize the times of pressing buttons, such as Message Templates and Predictive Text.
• Take many breaks to stretch and relax.

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

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

Phone Heating
Your phone may become warm during charging and during normal use.

Electrical Safety

Accessories
Use only approved accessories. Do not connect with incompatible products or accessories. Take care not to touch or allow metal objects, such as coins or key rings, to contact or short-circuit the charging jack terminals. Never puncture the surface of the phone with sharp objects.

Connection to Vehicles
Seek professional advice when connecting a phone interface to the vehicle electrical system.
Radio Frequency Interference

General Statement on Interference
Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids. Please consult your doctor and the device manufacturers to determine if the operation of your phone may interfere with the operation of your medical devices.

Pacemakers
Pacemaker manufacturers recommend that a minimum separation of 6 inches (15 cm) be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this, use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

Hearing Aids
People with hearing aids or other cochlear implants may experience interfering noises when using wireless devices or when one is nearby. The level of interference will depend on the type of hearing device and the distance from the interference source. Increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

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

Aircraft
Turn off your wireless device whenever you are instructed to do so by airport or airline staff. Consult the airline staff about the use of wireless devices onboard the aircraft. If your device offers airplane mode, this must be enabled prior to boarding an aircraft.

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

CTIA Requirements
- Do not disassemble or open, crush, bend or deform, puncture, or shred.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Only use the battery for the system for which it is specified.
- Only use the battery with a charging system that has been qualified with the system per CTIA Certification Requirements for Battery System Compliance to IEEE 1725. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short-circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEEStd-1725. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Promptly dispose of used batteries in accordance with local regulations.
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Improper battery use may result in a fire, explosion, or other hazard.
- The phone shall only be connected to CTIA certified adapters, products that bear the USB-IF logo or products that have completed the USB-IF compliance program.

For Your Safety
For Your Safety

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

Explosive Environments

Gas Stations and Explosive Atmospheres
In locations with potentially explosive atmospheres, obey all posted signs to turn off wireless devices such as your phone or other radio equipment. Areas with potentially explosive atmospheres include fueling areas, below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

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

WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Specifications

Handset specifications are shown in the following table.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating system</td>
<td>Android 6.0.1 (Marshmallow)</td>
</tr>
<tr>
<td>Handset standards</td>
<td>LTE/GSM/UMTS/CDMA</td>
</tr>
<tr>
<td>Dimensions (H × W × D)</td>
<td>6.5” (H) x 3.3” (W) x 0.37” (D)</td>
</tr>
<tr>
<td>Weight</td>
<td>7.36 oz. (with battery)</td>
</tr>
<tr>
<td>Display</td>
<td>6” 1920 x 1080</td>
</tr>
<tr>
<td>Camera</td>
<td>Front 5 MP; Back 13 MP mono + 13 MP RGB</td>
</tr>
<tr>
<td>Internal memory</td>
<td>ROM: 16 GB, RAM: 2 GB</td>
</tr>
<tr>
<td>Removable memory card</td>
<td>Supports microSDXC card up to 128 GB</td>
</tr>
<tr>
<td>Battery</td>
<td>3,990 mAh (nonremovable)</td>
</tr>
<tr>
<td>Continuous idle time</td>
<td>Up to 14 days</td>
</tr>
<tr>
<td>Continuous talk time</td>
<td>Up to 30 hours</td>
</tr>
<tr>
<td>WAP browser version</td>
<td>WAP 2.0</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>BT 4.2</td>
</tr>
<tr>
<td>HAC</td>
<td>M4/T3</td>
</tr>
</tbody>
</table>

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.