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Installing the Battery and a microSD Card
Switch off your phone before installing or replacing the battery. You have the option to install a microSD card of up to 32 GB to expand your phone’s storage capacity. The microSD card can be installed and removed while the phone is turned on.Unmount the microSD card before removing it.

WARNING! Do not handle a damaged or leaking Li-Ion battery as you can be burned.

1. Place your finger in the slot at the bottom of the back cover to lift and remove the cover.
2. Insert the battery by aligning the metal contacts on the battery with the gold contacts in the battery compartment. Gently push down on the battery until it clicks into place.

NOTE: Your phone may come with a pre-installed microSD card. Some applications may not function normally after you remove the card, pre-installed or otherwise.

3. Hold your microSD card with the metal contacts facing down and slide it into the microSD card slot.

4. Press the cover gently back into place until you hear a click.
Charging the Battery

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

1. Connect the adapter to the charging port. Ensure that the adapter is inserted with the correct orientation. Do not force the connector into 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.

Switching Your Phone On/Off

- Press and hold the **Power/Lock Key** to turn on your phone.

- To turn it off, press and hold the **Power/Lock Key** to open the options menu. Tap **Power off** and then tap **OK**.

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 – Personal – Backup and Reset**), you may need to set it up before using it.

1. Tap the **language field**, select the language you want, and tap **Start**.

2. Set the date, time, and time zone, or use date and time data provided by the network. Then tap **Next**.

3. If you have a Google™ account, tap **Yes** to sign in. Tap **No** if you do not have an account. Tap **Get an account** to create a Google account or tap **Not now** to set up an account later.

4. Configure the Google location options and tap **Next**.

5. Enter your name, which the phone uses to personalize some apps, and then tap **Next**.

6. You will be prompted to accept the Google terms of service. Tap **Next** to continue.

7. Tap **Finish** to complete the setup.

**NOTE:** If the phone is not activated, it would prompt you to connect to a Wi-Fi network before asking you to sign in to a Google account.

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.

**To lock 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.

**To unlock the screen and keys:**

1. Press the **Power/Lock Key** to turn the screen on.

2. Tap and hold 🗝 at the center of the screen.

**NOTE:** If you have set an unlock pattern, PIN, or password for your phone (see **Personalizing – Protecting Your Phone With Screen Locks**), you’ll need to draw the pattern or enter the PIN/password to unlock your screen.

**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 items on-screen (such as application and settings icons), or press on-screen buttons, simply tap them with your finger.

- **Tap and Hold** – To open the available options for an item (for example, a message or link in a web page), tap 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.
### 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 on or off Airplane mode, enable silent mode/vibration mode/sound, or to power off. Press to switch your phone to Sleep mode. 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. Press and hold to see recently used applications.</td>
</tr>
<tr>
<td>Menu Key</td>
<td>Press for current screen options.</td>
</tr>
<tr>
<td>Back Key</td>
<td>Press to go to the previous screen.</td>
</tr>
<tr>
<td>Quick Access Camera Key</td>
<td>Press and hold to start the Camera application. Press to take a photo or record a video memo when the Camera application is started.</td>
</tr>
<tr>
<td>Volume Keys</td>
<td>Press or hold to turn the volume up or down.</td>
</tr>
</tbody>
</table>

### Getting Started

**8 Getting Started**

**9 Getting Started**

**Getting to Know Your Phone**

- **Power/Lock Key**: Press and hold to turn on or off Airplane mode, enable silent mode/vibration mode/sound, or to power off. Press to switch your phone to Sleep mode. Press to wake up your phone.
- **Home Key**: Press to return to the Home Screen from any application or screen. Press and hold to see recently used applications.
- **Menu Key**: Press for current screen options.
- **Back Key**: Press to go to the previous screen.
- **Quick Access Camera Key**: Press and hold to start the Camera application. Press to take a photo or record a video memo when the Camera application is started.
- **Volume Keys**: Press or hold to turn the volume up or down.

- **Earpiece**
- **3.5mm Headset Jack**
- **Micro USB Charging Port**
- **Battery Cover**
- **Speaker**
- **Microphone**
- **Home Key**
- **Touch Screen**
- **Volume Up/Down Keys**
- **Menu Key**
- **Power/Lock Key**
- **Camera**
- **Mirror**
- **Flashlight**
- **Camera Flashlight**
- **Quick Access Camera Key**
- **Touch Screen**
Changing the System Language
1. Press the Home Key > Menu Key > System settings > Language & input > Language.
2. Select the language you need.

Changing the Ringtone
You can customize the default ringtone for incoming calls by taking the following steps.
1. Press the Home Key > Menu Key > Customization.
2. Tap Phone ringtone.
3. Scroll through the list and select the ringtone you want to use.
4. Tap OK.

Changing the Notification Sound
You can customize the default notification sound by taking the following steps.
1. Press the Home Key > Menu Key > Customization.
2. Tap Notification ringtone.
3. Scroll through the list and select the ringtone you want to use.
4. Tap OK.

Turning On/Off Touch Sounds
1. Press the Home Key > Menu Key > System settings > Sound.
2. Check or uncheck Touch sounds.

Adjusting Volumes
1. Press the Home Key > Menu Key > System settings > Sound > Volumes.
2. Drag the sliders to adjust the volume for each type of audio.
3. Tap OK to save.

TIP: You can adjust the media volume when a media application is in use by pressing the Volume Up/Down Keys. If no media application is active, press the Volume Up/Down Keys to adjust ringtone volume (or the earpiece volume during a call).

Switching to Silent Mode
You can set the phone to silent mode by using one of the following methods:
• Press and hold the Power/Lock Key and then tap to enable silent mode, tap to enable silent mode with vibration, or tap to disable silent mode.
• Keep pressing the Volume Down Key when no media application is active. When the icon appears in the Status Bar, the phone is set to silent mode with vibration. When the icon appears in the Status Bar, the phone is in silent mode.
• Press the Home Key > Menu Key > System settings > Sound > Silent mode, and tap Vibrate or Mute.

Applying New Wallpapers
You can set the wallpaper for the Home Screen or Lock Screen.
1. Press the Home Key > Menu Key > Wallpaper.
2. Tap Home or Lock screen.
3. Select a wallpaper source from Gallery, Live Wallpapers, or Wallpapers and choose the image or animation you want to use as the wallpaper. Some cropping may be needed for Gallery images.
4. Tap Set wallpaper.
NOTE: Live Wallpapers are not available for the Lock Screen.

Changing the Screen Brightness
1. Press the Home Key > Menu Key > System settings > Display > Brightness.
2. Check the Automatic brightness box to make the phone adjust the screen brightness automatically, or clear the check box to adjust the brightness manually.
3. Tap OK.

Protecting Your Phone With Screen Locks
You can protect your phone by creating a screen lock. When enabled, you need to draw a pattern or enter a numeric PIN or password to unlock the phone’s screen and keys.
1. Press the Home Key > Menu Key > System settings > Security.
2. Tap Screen lock.
3. Tap Pattern, PIN, or Password.
   • If you tap Pattern, you’ll need to create a pattern you must draw to unlock the screen. The first time you do this, a short tutorial about creating an unlock pattern appears. Then you’ll be prompted to draw and redraw your own pattern.
   • If you tap PIN or Password, you’ll be prompted to set a numeric PIN or a password that you must enter to unlock your screen.

The next time you turn on your phone or wake up the screen, you must draw your unlock pattern or enter your PIN or password to unlock it.

NOTE: Live Wallpapers are not available for the Lock Screen.

When you’re ready to turn on encryption:
1. Press the Home Key > Menu Key > System settings > Security > Encrypt phone.
2. Read the information about encryption carefully.
   The Encrypt phone button is dimmed if your battery is not charged or your phone is not plugged in. If you change your mind about encrypting your phone, press the Back Key.
   WARNING! If you interrupt the encryption process, you will lose data.
3. Tap Encrypt phone.
4. Enter your lock screen PIN or password and tap Next.
5. Tap Encrypt phone again.

The encryption process starts and displays its progress. Encryption can take an hour or more, during which time your phone may restart several times.
When encryption is complete, you’ll be prompted to enter your PIN or password. Subsequently, you must enter your PIN or password each time you power on your phone to decrypt it.

Before turning on encryption, prepare as follows:
1. Set a lock screen PIN or password.
2. Charge the battery.
3. Keep the phone connected to the charger.
4. Schedule an hour or more for the encryption process.
   You must not interrupt it or you will lose some or all of your data.

Before turning on encryption, prepare as follows:
1. Set a lock screen PIN or password.
2. Charge the battery.
3. Keep the phone connected to the charger.
4. Schedule an hour or more for the encryption process.
   You must not interrupt it or you will lose some or all of your data.
## Knowing the Basics

### Monitoring the Phone Status

The Status Bar at the top of the Home Screen provides phone and service status icons on the right side. Below are some of the icons you may see.

#### Indicators and Icons

<table>
<thead>
<tr>
<th>Indicator</th>
<th>What it means</th>
</tr>
</thead>
<tbody>
<tr>
<td>1X</td>
<td>1X network connected</td>
</tr>
<tr>
<td>3G</td>
<td>3G network connected</td>
</tr>
<tr>
<td>✈️</td>
<td>Flight mode</td>
</tr>
<tr>
<td>🗞️</td>
<td>Battery empty</td>
</tr>
<tr>
<td>🗞️</td>
<td>Battery low</td>
</tr>
<tr>
<td>🗞️</td>
<td>Battery partly drained</td>
</tr>
<tr>
<td>🗞️</td>
<td>Battery full</td>
</tr>
<tr>
<td>🉐️</td>
<td>Battery charging</td>
</tr>
<tr>
<td>⏰️</td>
<td>Alarm set</td>
</tr>
</tbody>
</table>

### Managing Notifications

The Status Bar at the top of the Home Screen provides notification icons on the left. Below are some of the icons you may see.

#### Indicators and Icons

<table>
<thead>
<tr>
<th>Indicator</th>
<th>What it means</th>
</tr>
</thead>
<tbody>
<tr>
<td>🥰️</td>
<td>New SMS</td>
</tr>
<tr>
<td>😍</td>
<td>New MMS</td>
</tr>
<tr>
<td>📩</td>
<td>New email</td>
</tr>
<tr>
<td>📧</td>
<td>New Gmail message</td>
</tr>
<tr>
<td>🌐</td>
<td>GPS on</td>
</tr>
<tr>
<td>🌶️</td>
<td>VR on</td>
</tr>
<tr>
<td>📱️</td>
<td>Call on hold</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 data</td>
</tr>
<tr>
<td>📛</td>
<td>Sending data</td>
</tr>
<tr>
<td>📚</td>
<td>Updates available</td>
</tr>
<tr>
<td>🍋</td>
<td>Missed call</td>
</tr>
<tr>
<td>📦️</td>
<td>Problem with SMS/MMS delivery</td>
</tr>
<tr>
<td>🎧</td>
<td>Call in progress</td>
</tr>
<tr>
<td>🌐</td>
<td>USB connected</td>
</tr>
<tr>
<td>🎵</td>
<td>Song is playing</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, such as when you’ve configured your phone as a Wi-Fi hotspot. 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 tap the Back Key.

Responding to or Removing a Notification
In the Notification Panel, you can respond to a notification or remove the notifications.
- To respond to a notification, tap it.
- To remove a notification, swipe it left or right.
- To remove all notifications, tap in the top right corner.
- Most apps that send notifications, such as Gmail and Google Talk, have notification settings that you can adjust.

TIP: In the Notification Panel, tap at the top of notifications list to get to the Settings menu quickly.

Managing Shortcuts and Widgets

Adding Shortcuts and Widgets
1. Press the Home Key > Widgets.
2. Tap Widgets or Shortcuts to view the available widgets and shortcuts.
3. Tap and hold a widget or shortcut and drag it to the Home Screen.

Moving Shortcuts or Widgets
1. Tap and hold a widget or shortcut on the Home Screen.
2. Drag it to the place you need.

Removing Shortcuts or Widgets
1. Tap and hold a widget or shortcut on the Home Screen.
2. Drag it to to remove it.

Adjusting Widget Size
1. Tap and hold a widget on the Home Screen and then release it.
2. An outline appears around the widget. Drag the outline to resize the widget.

NOTE: Not all widgets can be resized.

Organizing With Folders
You can create folders on the Home Screen and add several shortcuts in a folder.

Creating a Folder
1. Tap and hold the shortcut on the Home Screen you want to add into a folder until appears.
2. Drag the shortcut to and release it. A new folder will be created and the shortcut is added to the folder.

Renaming a Folder
1. Tap a folder to open it.
2. Tap the folder name field and enter a new name.

Adding Shortcuts to a Folder
1. Tap and hold a shortcut and then drag it onto a folder icon.
2. Release the shortcut and it will be added into the folder.

Removing Shortcuts From a Folder
1. Tap a folder to open it.
2. Tap and hold the shortcut you want to remove and then drag it to the Home Screen.
3. Release the shortcut and it will be removed from the folder.

Rearranging the Favorites Tray
The Home Screen includes a customizable favorites tray at the bottom of all Home Screens. You can drag apps, shortcuts, folders, and other priority items in or out of the favorites tray for instant access from any Home Screen.

Removing Items From the Favorites Tray
Tap and hold an item in the favorites tray and drag it out of the tray.

Adding Items to the Favorites Tray
Tap and hold an item on the Home Screen and drag it into the favorites tray.
If the favorites tray is full, you need to remove an item in the tray.

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.
Changing Input Method

1. When you use the on-screen keyboard to enter text, the icon  appears in the Status bar.
2. Open the Notification Panel and tap Choose input method.
3. Select an input method.

Android Keyboard

The Android Keyboard provides a layout similar to a desktop computer keyboard. Turn the phone sideways and the keyboard will change from portrait to landscape. The landscape keyboard is not supported in all applications.

- 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.
- Tap  to delete the text before the cursor.
- Tap  to select numbers and symbols. You can then tap  to find more. Also, often-used symbols are displayed above the keyboard.
- Tap and hold  and then swipe to choose the emoticons.
- Tap  to use Google’s networked voice input.
- Tap and hold  to change the input language or access the Android keyboard settings.

Google Voice Typing

Use Google’s networked voice input.

Touch Input Settings

Choose the touch input settings by pressing the Home Key > Menu Key > System settings > Language & input.

In the KEYBOARD & INPUT METHODS section, you can set the default 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: Tap 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.

- Cut or copy: Select the text you want to manipulate. Then tap the Cut  or Copy  button to cut or copy the text to the clipboard.

- Replace text with the clipboard text: Select the text you want to replace. Then tap  or PASTE.

- Insert text from the clipboard: Move the cursor to the insertion point and then tap and hold the tab below the cursor. Release your finger and tap PASTE.

Opening and Switching Apps

Opening an App

1. Press the Home Key > .
2. Slide left or right on the screen and tap an app to open it.

Switching Between Recently Opened Apps

1. Press and hold the Home 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. You can swipe a thumbnail sideways to remove it from the list.

Knowing the Basics
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 > Menu Key > System 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.

1. Press the Home Key > Menu Key > System settings > Wi-Fi.
2. Slide the Wi-Fi switch to the ON position.
3. Tap the Wi-Fi network name and then tap Forget.

Adjusting Advanced Wi-Fi Settings

1. Press the Home Key > Menu Key > System settings > Wi-Fi.
2. Slide the Wi-Fi switch to the ON position.
3. Tap the Wi-Fi network name and then tap Forget.

Getting Notified of Open Networks

When Wi-Fi is on, you receive notifications in the Status Bar when your phone detects an open Wi-Fi network. Uncheck the option to turn off notifications.

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 32 feet (10 meters). The Bluetooth devices must be paired before the communication is performed.
Changing the Device Name
1. Press the Home Key > Menu Key > System settings > Bluetooth.
2. Slide the Bluetooth switch to the ON position if Bluetooth is off.
3. Press the Menu Key > Rename phone.
4. Edit the name and tap Rename.

Pairing With Another Bluetooth Device
1. Press the Home Key > Menu Key > System settings > Bluetooth.
2. Slide the Bluetooth switch to the ON position if Bluetooth is off.
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.
NOTE: If the phone has not been paired with the sending device, you may need to tap Bluetooth > Z665C in Settings to keep the phone detectable through Bluetooth.
2. Flick down the Status Bar and tap Bluetooth.
3. Tap Accept to start receiving the data.

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 microSD card.

Connecting Your Phone to a Computer via USB
1. Connect your phone to the PC with a USB cable.
2. Press the Home Key > Menu Key > System settings > Connect to PC.
3. Choose one of the following options:
   - Media device (MTP): Transfer media files on a Windows-based PC or with Android File Transfer on a Mac.
   - Camera (PTP): Transfer photos using camera software and transfer any files to a computer that doesn’t support MTP.

Connecting with Windows Media Player
You can sync music with your phone and your computer installed with Windows Media Player.
1. Connect the phone with your computer via USB and choose Media device (MTP).
2. Open Windows Media Player and synchronize music files.

Disconnecting Your Phone From the Computer
To disconnect the phone from the computer, simply unplug the USB cable when you’re finished.

Removing the microSD Card From Your Phone
If you need to remove the microSD card while the phone is on, you should unmount it first.
1. Press the Home Key > Menu Key > System settings > Storage.
2. Scroll down and tapUnmount SD card > OK.
3. The icon appears in the Status Bar and you can now safely remove the microSD card from the phone.

Erasing the microSD Card
1. Press the Home Key > Menu Key > System settings > Storage.
2. Scroll down the screen and tapErase SD card > Erase SD card > Erase everything.
CAUTION! The formatting procedure erases all the data on the microSD card, after which the files CANNOT be retrieved.

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.
Connecting to Networks and Devices

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.

Modifying a VPN
1. Press the Home Key > Menu Key > System settings > More > VPN.
2. Tap and hold the VPN that you want to modify.
3. Tap Edit profile and edit the VPN settings.
4. Tap Save.

Deleting a VPN
1. Press the Home Key > Menu Key > System settings > More > VPN.
2. Tap and hold the VPN that you want to delete.
3. Tap Delete profile.

Adding a VPN
1. Press the Home Key > Menu Key > System settings > More > VPN.
2. You may be prompted to set a lock screen (see Personalizing – Protecting Your Phone With Screen Locks). If not, tap Add VPN profile and fill in the information provided by your network administrator.
3. Tap Save.
The VPN is added to the list on the VPN screen.

Connecting to a VPN
1. Press the Home Key > Menu Key > System settings > More > VPN.
2. Tap the VPN that you want to connect to.
3. When prompted, enter any requested credentials and then tap Connect.

You can place calls from the Phone app, the People 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. In the dialer tap 0, enter the phone number with the on-screen keypad. Tap to delete incorrect digits.
2. Tap below the keypad to dial.

NOTE: As you enter digits, your phone searches for contacts that match. If you see the number you want to dial, tap it to place the call immediately without entering the rest of the number.
3. Tap below the keypad to dial.

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

Ending a Call
During a call, tap on the screen.

Answering or Rejecting Calls

When you receive a phone call, the Incoming Call screen opens, displaying the Caller ID or the information about the caller that you’ve entered in People. You can answer or reject the call, or reject it with a text message.

Answering a Call
When you receive a phone call, drag over to answer the call.

NOTE: To silence the ringer before answering the call, press the Volume Up/Down Keys.

Rejecting a Call
When you receive a phone call, drag over to reject the call. You can also drag over to reject the call and send a preset text message to the caller.

TIP: To edit the text response from within the Phone app, tap the Menu Key > Settings > Quick responses.

Working With the Call Log
The Call Log 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 log, press the Home Key > Call log or tap the tab in the Phone app.

Placing a Call From the Call Log
1. Open the Call Log.
2. Tap a number for more information about the call, or tap beside it to call back.

NOTE: You can tap on the bottom of the screen and select the type of call log you want to view.
Adding a Call Log Number as a Contact
1. Open the Call Log.
2. Tap a number to view more call information.
3. Tap at the top right of the screen.
4. To add the number to an existing contact, tap Add to existing. To add a new contact, tap New contact.

Taking Other Actions on a Call Log Entry
1. Open the Call Log.
2. Tap a number to view more call information. While viewing the call details, you can:
   • Tap to call a number.
   • Tap > Edit number before call to edit the number in the dialer before calling it.
   • Tap to send a message.
   • If the number belongs to a contact you already have, tap to view contact details.

Deleting the Call Log
1. Open the Call Log.
2. Press the Menu Key > Multi-Select.
3. Tap the call log items you want to delete and then tap > Delete to delete the call logs.

NOTE: You can also tap a number in the call log screen, and tap at the bottom to delete the call log of the number.

Calling Your Contacts

Calling a Contact
1. Press the Home Key > and then tap the Contacts tab .
2. Flick the screen up or down to view all your contacts with phone numbers.
   TIP: You can search for a contact by tapping on the screen.
3. Tap a contact or number to call it.

Calling a Favorite Contact
1. Press the Home Key > and then tap the Contacts tab .
2. Your favorite contacts and frequently called contacts or numbers are listed at the top of the screen. Tap a contact or number to call it.

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. Tap and hold “1” in the dialer. If prompted, enter your voicemail password.
3. Follow the voice prompts to listen to and manage your voicemail messages.

NOTE: To set your voicemail service, press the Menu Key > Settings in the dialer and tap the voicemail settings you want to change. 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 turn the speaker on or off.
• Tap to mute or unmute the microphone.
• Tap to hold or unhold the current call.
• Tap to make another call separately from the first call, which is put on hold.
• Tap to switch to the dialer, for example to enter a code.
• Press the Menu Key for more call options. You can record a phone conversation, or view the contact list.
• Tap to merge the separate calls into a single conference call.
• 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 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:
Drag over to answer the call. This puts the first caller on hold and answers the second call.

To switch between two calls:
Press .

Setting Up a Conference Call
With this feature, you can talk to two people at the same time.
1. On the dialer screen, enter a number and tap .
2. Once you have established the connection, tap and dial the second number. This puts the first caller on hold and dials the second number.
3. When you’re connected to the second party, tap . 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 .

Phone Calls
Adjusting Your Call Settings

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

Setting Up Voicemail
1. Press the Home Key >  
2. Press the Menu Key > Settings. 
3. Tap Voicemail > Service to select voicemail service provider. Your carrier is the default.

Setting Up TTY Mode
Select a TTY mode for your phone to work with a teletypewriter or turn TTY off.
1. Press the Home Key >  
2. Press the Menu Key > Settings > TTY mode. 
3. Tap TTY Off to turn the feature off, or tap TTY Full, TTY HCO, or TTY VCO to select a mode for your phone to work with the teletypewriter. Consult your teletypewriter manufacturer’s manual if necessary.

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

Setting Speed Dials
You can press and hold the 2 - 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 >  
2. Press the Menu Key > Settings > Speed dial. 
3. Tap a speed dial key. 
4. Enter a phone number or tap to select one from the contact list. 
5. Tap OK.

Forwarding Incoming Calls
Call forwarding feature allows you to forward your incoming calls to another phone number. 
1. Press the Home Key >  
2. Press the Menu Key > Settings > Call forwarding. 
3. Tap an available option (Always forward, Forward when busy, or Forward when unanswered) to enable it.

Other Options
1. Press the Home Key >  
2. Press the Menu Key > Settings > Additional settings.

Internet Call Settings

Adding an Internet Calling Account
To add an Internet calling account:
1. Press the Home Key >  
2. Press the Menu Key > Settings > Accounts. 
3. Tap Add account. 
4. Follow the instructions from your Internet calling service provider to configure the settings for your account. 
5. Press the Menu Key > Save.

To configure which calls use Internet calling:
You can configure your phone to place all calls using Internet calling (when you’re connected to a Wi-Fi network), just calls to Internet calling addresses, or to ask each time you place a call.
1. Press the Home Key >  
2. Press the Menu Key > Settings > Internet calling. 
3. Tap the Internet calling option you want.

Other Options
Check Voice privacy to enable enhanced privacy mode. Tap Plus Code Dialing Setting to set the Plus Code dialing.

Configuring Your Phone to Receive Internet Calls
By default, your phone is configured to make Internet calls, but not to ensure that you will receive them. But you can configure your phone to listen for Internet calls made to an Internet calling account you added to your phone.
1. Press the Home Key >  
2. Press the Menu Key > Settings > Accounts. 
3. Check Receive incoming calls. Checking this setting will reduce your battery life between charges.
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 > ． From there, you can tap the tabs to quickly switch to the contact groups  or favorite contacts ．

### Checking Contact Details
1. Press the Home Key >  and tap the Contacts tab  to access your contact list.
2. Scroll through the list to view all your contacts.
3. Tap a contact to view its details.

**TIP:** If you have a lot of contacts stored, you’ll see a slider when you tap the right side of the screen. To go directly to a letter, tap and hold the slider and drag it to a letter.

### Adding a New Contact
1. Press the Home Key >  and tap the Contacts tab ．
2. Tap  to add a new contact.
3. Tap the account field to choose where to save the contact. If a sync account is selected, the contacts will be synced automatically with your account online.
4. Enter the contact name, phone numbers, email addresses, and other information.
5. Tap Done  to save the contact.

### Setting Up Your Own Profile
You can create your own name card in your phone.

1. Press the Home Key >  and tap the Contacts tab ．
2. Tap Set up my profile  or your name, whichever is at the top of the contact list.
3. Edit your profile information and tap Done ．

### Importing, Exporting, and Sharing Contacts
You can import/export contacts to/from your phone storage or microSD card. This is especially useful when you need to transfer contacts between different devices. You can also quickly share your contacts using Bluetooth, Email, Messages, etc.

#### Importing Contacts From the Phone Storage
1. Press the Home Key > ．
2. Press the Menu Key > Import/export > Import from phone storage．
3. Select the vCard file(s) in the phone storage and tap OK ．

#### Importing Contacts From the microSD Card
1. Press Home Key > ．
2. Press the Menu Key > Import/export > Import from SD card ．

3. Select the vCard file(s) in the microSD card and tap OK ．

### Exporting Contacts to the Phone Storage
1. Press the Home Key > ．
2. Press the Menu Key > Import/export > Export to phone storage ．
3. The phone will prompt you with the name of the vCard file. Tap OK to create the file in the phone storage.

### Exporting Contacts to the microSD Card
1. Press the Home Key > ．
2. Press the Menu Key > Import/export > Export to SD card ．
3. The phone will prompt you with the name of the vCard file. Tap OK to create the file on the microSD card.

### Sharing Contacts
1. Press the Home Key >  and tap the Contacts tab ．
2. Press Menu Key > Multi-Select ．
3. Tap the contacts you want to share and then tap ．
4. Choose to share the contacts via Bluetooth, Email, Gmail or Messages ．

### Working With Favorite Contacts
In the Favorite Contacts tab, you can find your favorite contacts and frequently used contacts.

#### Adding a Contact to Favorites
You can add the contacts used frequently to Favorites so you can find them quickly.

1. Press the Home Key >  and tap the Contacts tab ．
2. Tap a contact and then tap  next to the contact name.

#### Removing a Contact From Favorites
1. Press the Home Key >  and tap the Favorites tab ．
2. Tap a favorite contact and then tap  next to the contact name.

### Working With Groups
Viewing Your Contact Groups
1. Press the Home Key >  and tap the Contacts tab ．
2. Tap in the lower left corner.
3. Scroll through the list to view the preset groups and any groups you have created.
4. Tap a group to view its members.
NOTE: To send messages to the group members, you can tap next to the group and select message recipients from the listed group members.

Setting Up a New Group
1. Press the Home Key > and tap the Contacts tab.
2. Tap in the lower left corner.
3. Tap to create a new group.
4. Enter the group name and tap Done.
5. Tap and select the contacts you wish to be in the group.
6. Tap.

Deleting a Group
1. Press the Home Key > and tap the Contacts tab.
2. Tap in the lower left corner.
3. Tap a group and then press the Menu Key > Delete group.
4. Tap OK to disband the group. The contacts in the group will not be deleted.

Editing a Group
1. Press the Home Key > and tap the Contacts tab.
2. Tap in the lower left corner.
3. Tap a group and then press the Menu Key.
4. Tap Rename group to edit the group name. Or tap Multi-Select to select the members you don’t need and remove them.

Searching for a Contact
1. Press the Home Key >.
2. Tap at the bottom of the screen.
3. 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 >.
2. Tap a contact to view the details.
3. Tap in the lower left corner.
4. Edit the contact and tap Done.

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 >.
2. Tap a contact to view the details.
3. Tap in the lower left corner to edit the contact details.
4. Tap the RINGTONE field.
5. Select a ringtone you like and tap OK.

Deleting a Contact
1. Press the Home Key >.
2. Tap a contact you want to delete and then press the Menu Key > Delete.
3. Tap OK to confirm.

Deleting Several Contacts
1. Press the Menu Key > Multi-Select in the Contacts screen.
2. Tap to select the contacts you want to remove and then tap .
3. Tap OK to confirm.

Joining Contacts
Your phone can synchronize with multiple accounts containing your contact information (such as Google and Microsoft Exchange ActiveSync®). When you synchronize your phone with those accounts, there might be duplicate entries for the same 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 >.
2. Tap a contact entry you have merged and want to separate.
3. Press the Menu Key > Separate Contact.
4. Tap OK to confirm.

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

The contact information is separated into individual contacts in the list of contacts.
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 > Menu Key > System settings and move to the ACCOUNTS section.
2. Tap Add account.
3. Tap the type of account you want to add.
4. 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.

Removing an Account
Removing an account will delete it and all information associated with it from your phone, such as emails and contacts.
1. Press the Home Key > Menu Key > System settings to move to the ACCOUNTS section.
2. Tap the account.
3. Press the Menu Key > Remove account.

Configuring Account Sync
Configuring Auto Sync Settings
1. Open the ACCOUNTS settings screen. Your accounts and sync status are displayed. The icon turns green if automatic sync is enabled for some or all of the account’s data, and gray if automatic sync is disabled.
2. Check or uncheck your account. If the account is checked, the automatic sync is turned on.
   • When automatic sync is turned on, changes you make to information on your phone or on the web are automatically synced with each other.
   • When automatic sync is turned off, you need to sync manually to collect emails, updates, or other recent information.

Syncing Manually
1. Open the ACCOUNTS settings screen.
2. Tap the account whose data you want to sync.
3. Press the Menu Key > Sync now.

Changing an Account’s Sync Settings
1. Open the ACCOUNTS settings screen.
2. Tap the account whose sync settings you want to change. The Sync settings screen appears, showing a list of information the account can sync.
3. Check or uncheck items as you need. Checked types of information on the phone and the web will be kept in sync when auto-sync is turned on.

Email
Press the Home Key > Email and select Email. Use it to read and send emails from services other than Gmail.

Setting Up the First Email Account
1. When you open Email for the first time, enter your email address and password.
2. Tap Next to let the phone retrieve the network parameters automatically.

NOTE: You can also enter these details manually by tapping Manual setup or when automatic setup fails.
3. Follow the on-screen instructions to finish the 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 tapping Load more messages 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:
   • Reply to the sender, tap at the bottom of the screen.
   • Reply to the sender and all recipients of the original message, tap at the bottom of the screen.
   • Forward the message, tap at the bottom of the screen.
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, press the Menu Key > Mark as unread.
• While in a message list (for instance, the inbox), tap the checkboxes before the messages 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 > OK.
• While in a message list (for instance, the inbox), tap the checkboxes in front of the messages and then tap > OK.
Email

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 Contacts to select recipients from your contacts.
3. Enter the email subject and compose the email text.
4. Press the Menu Key > Attach file to add audio files, images, videos and other types of files as attachments.
5. Tap ✉️ at the top right 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. Press the Menu Key > 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 — Set Up the First Email Account), you can add more email accounts and manage them separately.

1. Open Email to get the Inbox screen.
2. Press the Menu Key > Settings and tap Add Account at the top right of the screen.
3. Set up the account as you would 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 Email to get the Inbox screen.
2. Press the Menu Key > Settings and tap the account whose settings you want to change.
3. Make the changes you want and press the Back Key when you’re finished.

Removing an Email Account

1. Open Email to get the Inbox screen.
2. Press the Menu Key > 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 Email to get the Inbox screen.
2. Press the Menu Key > Settings > General.
3. Make the changes you want and press the Back Key when you’re finished.
After you sign in to your Google account on the phone, you can send and retrieve Gmail messages with the Gmail app.

**NOTE:** This feature may not be available in certain regions or with certain service providers.

**Opening Your Gmail Inbox**
Press the **Home Key > Gmail**. The Inbox screen appears.
If you haven’t signed in, you will be prompted to do so or create a new account.
Tap **at the bottom right of the screen to refresh your Inbox and download new messages.**

**Switching Accounts**
Gmail displays conversations, messages, and settings from one Google account at a time. If you have signed in to more than one Google account on your phone, you can switch accounts and view information in each account.

1. From your Inbox, tap the current account at the top of the screen.
2. From the drop-down menu, tap the account you want to see. The account’s Inbox will open.

**Writing and Sending a Message**
1. Open your Gmail Inbox and switch to the account you want to use for sending the message.
2. Tap **.**
3. Enter a contact name or email address in the To field. Separate each recipient with a comma.
4. Enter the email subject and compose the email text.
5. To attach an image, press the **Menu Key > Attach picture** and select a file from the image gallery.
6. Tap ** at the top right of the screen to send the message.

**Adding a Signature to Your Gmail Messages**
You can set a few lines of plain text as a signature for every outgoing Gmail message. The signature you set on the phone is independent of the signature you use for Gmail on the web.

1. Open the Gmail app.
2. Press the **Menu Key > Settings** and select the account you want to add a signature to.
3. Tap **Signature** and enter the text.
4. Tap **OK**.

**Replying to or Forwarding a Message**
1. Open the Gmail message you want to reply to or forward to another person.
2. Choose one of the following:
   - Reply to the sender, tap ** in the message header.
   - Reply to the sender and all recipients of the original message, tap in the message header
   - Forward the message, tap in the message header
   - Forward.
3. Edit your message and tap **.

**Working With Received Attachments**
When a message has an attachment, Gmail displays information about that attachment at the top of the message.
Depending on the attachment type, the applications installed on your phone, and your settings, you may preview, view, play, or save the attachment or check information about the attachment.

**TIP:** For documents with multiple pages, tapping the Preview option will only download the pages you view, while tapping View, Play, or Save will download the entire file and cost more time and data.

**Searching for Messages**
You can search for messages using words that appear in addresses, subjects, labels, or contents.

**NOTE:** If you search while the phone doesn’t have an active Internet connection, only messages synchronized onto your phone can be searched.

1. Open the Gmail app and tap **.
2. Enter the words to search for and tap the search key on the screen keyboard.

As you type, suggestions may appear below the search field. You can tap a suggestion to search for it right away, or tap the arrow next to it to add its text to the search field.

3. In the search results, tap the message you need and work with it just as you would with any Gmail message.

**Working With Labels**
Message labels include both labels you create and default labels such as Sent, Starred, and Outbox. You can organize your emails by labeling them or adding stars to them. Labels also help you sort your messages, just like folders.

**Adding or Changing a Label**
1. Open the Gmail app and tap in the message list the checkboxes next to the messages you want to label.
2. Tap the label icon ** at the bottom of the screen.
Gmail

3. Check or uncheck labels in the new screen and tap OK.

Adding Stars to Messages
1. Open the Gmail app and tap in the message list the checkboxes next to the messages you want to star.
2. At the bottom of the screen, tap > Add star.

Viewing Messages by Label
1. Open the Gmail app and tap the label icon at the bottom of the message list without checking any message.
2. Tap the label to view messages with that label.
TIP: You can also tap the name of your account at the top of the screen. Then tap one of the labels listed in the RECENT section, below account names.

Changing Gmail Settings
Press the Menu Key > Settings in any Gmail screen to change General settings, which apply to all Gmail accounts, or other settings that only apply to specific accounts.

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 you’ve had with a certain number.

Sending a Text Message
1. On the Messages screen, tap , at the bottom.
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. Tap Send.

Sending a Multimedia Message
1. On the Messages screen, tap , at the bottom.
2. Enter the recipient and the text of the message, as you do when sending a text message. You can also include email addresses as recipients.
3. Press the Menu Key > Add subject to add a message subject.
4. Tap to attach a file to the message.
5. Tap Send.
NOTE: When you enter an email address as a recipient, add a subject, or attach a file, the message is automatically converted to a multimedia message. When you delete this information, the message is converted to a text 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 Messages screen, tap the thread that has the message you want to reply to.
2. Type your reply in the text box at the bottom. You can tap , if you want to reply with an MMS.
3. Tap Send.
**Messaging**

Forwarding a Message
1. On the Messages screen, tap the thread that has the message you want to forward.
2. Tap the message.
3. Tap Forward in the menu that opens.
4. Enter a recipient for the message and edit the content if you want.
5. Tap Send.

Delete Message Threads
1. On the Messages screen, tap 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 at the bottom.
4. Tap OK.

Changing Message Settings
Press the Menu Key > Settings in the Messages screen to change Message settings.

Viewing Details About a Message
1. Tap a message in a thread.
2. Tap View details to see information about the message such as message type, sender, recipient, or date.

Deleting Messages or Threads

Deleting Messages in a Thread
1. On the Messages screen, tap a thread.
2. Press the Menu Key > Multi-Select.
3. Tap the messages you want to delete. The ones you tap will have a check in the box in front of them.
4. Tap at the bottom.
5. Tap Delete.

**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 > and select Calendar.

Viewing Your Calendars and Events

Selecting Visible Calendars
1. Open the Calendar app.
2. Press the Menu Key > Calendars to display.
3. In the new screen, tap the calendars 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 time period shown at the bottom and select the view you prefer.

You can also change to Day view from Month view by tapping any day in the grid.

TIPS:
- 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 at the top 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 to switch to Day view. Then tap an event to view its details.
Calendar

Creating an Event
1. In any Calendar view, tap at the upper right corner 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.
2. Add details about the event.
   Enter a name, location, time span, and other additional details about the event.

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.
3. Tap DONE at the top of the screen to save the new event.

Editing or Deleting an Event
1. Find the event you want to edit or delete.
2. Open its details screen (see Viewing Your Calendars and Events – View Event Details).
3. Choose one of the following options:
   • To edit the event, tap at the bottom of the screen. Tap DONE to save your changes.
   • To delete the event, tap at the bottom of the screen and then tap OK.

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

Google Talk

Google Talk is Google's instant messaging service. You can use it to communicate in real time with other people who also use Google Talk on a phone, on the web, or with a desktop application.

Signing In to See Your Friends
You must sign in to your Google account before you can use Google Talk.
Press the Home Key > and select Talk. The first time you launch Talk, tap the account you want to sign in with. Your friends list is then displayed.

NOTE: You remain signed in to Google Talk after launching the Talk app even if you switch to other apps, until you explicitly sign out. To sign out, go back to your friends list and press the Menu Key > Sign out.

Adding a Friend
1. In the friends list, tap at the top right of the screen.
2. Enter your friend's address and tap DONE.

Your friend's address in Google Talk is a Gmail or other email address that is configured to connect to Google Talk.

NOTE: If other people try to add you as a friend, you will receive a notification in the status bar and the invitation appears in your friends list. You can tap the invitation to accept, decline, or block.

Changing Your Online Status
1. Tap your own entry at the top of your friends list.
2. In the screen that opens, tap your current status to change it (or to sign out of Talk).
3. Enter a status message, or if you already have one, edit it. In addition to the standard status settings, you can also tap Change to a recently-used status to select a message that you've entered previously.
4. Press the Back Key to return to your friends list.

Chatting With Friends
1. Tap a friend in your friends list. The chat screen for that friend opens.
2. Type in a message and tap . You can also tap to initiate a voice chat if the friend is online.

Switching Between Active Chats
If you have more than one chat going, you can switch between these chats in one of the following ways:
• Press the Back Key to return from one chat to the friends list. Then tap the other friend you want to chat with.
• While you are in one chat screen with a friend, swipe left or right to switch to the chat screen with the other friend.
Google Talk

Using Group Chat
When you’re chatting, you can invite additional friends to join a group chat.
1. On a chat screen, press the Menu Key > Add to chat.
2. Tap the name of the friend to invite.
The friend you invited and the current participants receive an invitation to a group chat. Each one who accepts the invitation joins the group chat. In a group chat, everyone can see everyone else’s messages. Group chats appear at the top of your friends list with a group chat icon.

Ending the Chat
While on a chat screen, press the Menu Key > End chat.
You can also press the Menu Key > End all chats while in the friends list to end all active chats.

Changing Google Talk Settings
On any chat screen or in the friends list, press the Menu Key > Settings to change Google Talk settings for your account.

Google+

Google+ is a social networking service offered by Google. The Google+ application on your phone enables you to manage your data, chat with online contacts, organize them in different circles, and share your selected information.
Press the Home Key > and select Google+. The first time you open the Google+ app, select the instant upload and contact sync options.

Organizing Your Contacts
1. Open the Google+ app.
2. Tap > Circles.
3. Enter the person you want to search for or select a suggested person, and tap Add.
4. Check the circles you want the person to be added to, or tap Create a new circle.

Getting Updates
1. Open the Google+ app.
2. Tap > Home.
3. Swipe up or down to see different information shared with you by other users. Tap to choose what groups of information are shown.
   - Nearby shows posts shared with you by users near your current location.
   - All circles, Acquaintances, Family, Following, and Friends show updates from people you’ve added to your circles.
   - What’s hot shows popular posts on Google+.

Chatting With Contacts
You can chat with your Google+ contacts through instant messaging, similar to sending a text with the Messaging app.
1. Tap > Messenger in the Google+ app.
2. Tap to create a new message.
3. If you tapped at the top, tap to add recipients. They can be contacts or circles.
4. Enter the message.
5. Tap to send the message.
TIP: Tap > Hangouts to hold a video chat with your friends.

Checking Photos
You can see your own photo albums and those shared by other users.
Tap > My photos in the Google+ app to see all available albums.

Checking and Managing Your Profile
1. Tap > Profile in the Google+ app.
2. Swipe up or down to see your posts and personal info.
Tap and you can change your profile photo.
Use Browser to view web pages and search for information.

Opening the Browser
Press the Home Key > . The last web page you were viewing is displayed. If you have not used Browser recently, your home page opens.

Browser also opens when you tap a web link—for example, in an email or a text message.

Opening a Web Page or Searching the Web
1. Open the Browser app.
2. Tap the address box at the top of the web page. If the address box isn’t visible, swipe down a little to show it.
3. Enter the address (URL) of a web page. Or, enter terms you want to search for. You can also tap to search by voice.
4. Tap a URL or search suggestion or tap Go on the keyboard to open the web page or search results.

TIP: Tap the X at the bottom of the screen if you want to stop opening the page.

Get Information About the Current Page
Press the Menu Key > Page info.

Working With an Opened Page
While viewing most web pages, you can do the following operations:
- Scroll: Swipe the screen in any direction.
- Zoom out: Tap the screen with two fingers and pinch them together.
- Zoom in: Tap the screen with two fingers and spread them apart.

- Go back: Tap at the bottom to return to the page you’ve viewed previously in the same window.
- Go forward: Tap at the bottom.
- Refresh the page: Tap beside the address bar.
- Find text on the page: Press the Menu Key > Find on page and type the terms you want to search for.
- Send the page URL to friends: Press the Menu Key > Share page and select how you want to send the URL.
- Follow a link: Tap a link on the web page to open it.
- Save the page for offline reading: Press the Menu Key > Save for offline reading. You can press the Menu Key > Bookmarks > SAVED PAGES to read them.

TIPS:
- Some web sites may redirect you to the mobile version of their web pages, which mostly do not support scrolling or zooming. If you want to view the desktop version, press the Menu Key and check Request desktop site.
- Besides links, Browser also recognizes some phone numbers, addresses, and similar information for you to act on. Try tapping them and see what happens.

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

- Opening a New Browser Tab
  Tap at the bottom of the screen. A new browser window opens and the homepage is loaded.

- Switching Between Tabs
  1. Tap at the bottom of the screen.
  2. Swipe vertically to scroll through the list of opened tabs.
  3. Tap the thumbnail of the tab you want to open.

  TIP: Swipe a thumbnail horizontally or tap its X to close the tab.

- Downloading Files
  Tap and hold an image or a link to a file or to another webpage. In the menu that opens, tap Save image or Save link.
  The downloaded files are saved to your phone or the memory card. You can view or open them in the Downloads app > Downloads.

- Using Bookmarks
  Save web URLs as bookmarks to open them easily in the future.
  To open a bookmark, press the Menu Key > Bookmarks in a browser tab and then tap the bookmark.
Browser

Bookmarking a Web Page
1. Open the web page.
2. Press the Menu Key > Save to bookmarks.
3. Edit the bookmark label and address if necessary, or choose a different account. Tap the name beside Add to change the place where the bookmark will be stored.
4. Tap OK.

Editing a Bookmark
1. Press the Menu Key > Bookmarks.
2. Tap and hold the bookmark to edit.
3. Tap Edit bookmark.
4. Edit the label, address, account, or location of the bookmark in the dialog that opens.
5. Tap OK.

NOTE: Preinstalled bookmarks may not be edited.

Deleting a Bookmark
1. Press the Menu Key > Bookmarks.
2. Tap and hold the bookmark to delete.
3. Tap Delete bookmark.
4. Tap OK.

NOTE: Preinstalled bookmarks may not be deleted.

Viewing Your Browsing History
1. Open the Browser app and press the Menu Key > Bookmarks.
2. Tap the HISTORY tab.
3. Tap a time span to view the web pages you browsed during that time. You can tap an item to reopen the web page.

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

1. Press the Menu Key > Settings.

Maps, Navigation, Local, and Latitude

Activating Location Services
To use Navigation, Local, and Latitude, and to find your location on Google Maps, you must have location services turned on on your phone.

1. Press the Home Key > Menu Key > System settings > Location services.
2. Select the location options you want to use.

NOTE: You can also tap the search box to use voice search.

4. Tap the search icon on the keyboard. Markers with letter labels indicating search results appear on the map.
5. Tap a marker to open a balloon that contains a label with summary information about the location.
6. Tap the balloon to open a screen with more information, as well as options for obtaining directions and more.

Getting Directions to Your Destination
Maps can provide directions for travel by foot, public transportation, or car.

1. Press the Home Key > and select Maps.
2. Tap at the top right.

The map centers on a blue blinking dot that indicates your location.

Getting Your Location
1. Press the Home Key > and select Maps.
2. Tap at the bottom.

The map centers on a blue blinking dot that indicates your location.

Searching for a Location
1. Press the Home Key > and select Maps.
2. Tap
3. Enter the place you’re looking for in the search box at the top. You can enter an address, a city, or a type of business or establishment, for example, “museums in Shanghai.” As you enter information, suggestions from your previous searches and from popular searches appear in a list below the search box. You can tap a suggestion to search for it.

TIP: You can also tap beside the search box to use voice search.

4. Tap the search icon on the keyboard. Markers with letter labels indicating search results appear on the map.
5. Tap a marker to open a balloon that contains a label with summary information about the location.
6. Tap the balloon to open a screen with more information, as well as options for obtaining directions and more.

Maps, Navigation, Local, and Latitude
Maps, Navigation, Local, and Latitude


Searching for Local Places

Google Places helps you find all kinds of businesses and establishments around you. You can rate these places and get recommendations.

1. Press the Home Key > and select Local. Or, from the Maps app, tap at the top of the screen and select Local.
2. Wait while you are being located. Your location, when found, is shown at the top.
3. Select a place category and the information for that type of place near you will be displayed.

NOTE: Press the Menu Key > Add a search to add new place categories.

1. Tap a result you are interested in and check out the details and reviews about that place. You can also see the place on Maps, find out how to get there, give that place a call, add your rating and review, and more.

Sharing Location

Google Latitude lets you and your friends view each other’s locations on maps and share status messages.

1. Press the Home Key > and select Maps.
2. Tap > Latitude. You will be prompted to enable location reporting on your device. Tap the prompt and check Report from this device.
3. Press the Back Key.

After you join in, you can always tap at the top in Maps and select Latitude to see your status as well as that of your selected friends.

In Latitude, you can do the following:

• Tap to refresh friends’ status.
• Tap MAP VIEW to see friends on Maps. You can tap the left/right arrow to switch between each friend and yourself.
• Tap to add new friends to Latitude from contacts, via email addresses, or from suggested friends.
• Press the Menu Key to show or hide “stale” friends who haven’t updated their location with you for a while.
• Press the Menu Key > Location Settings to change Latitude settings or sign out of Latitude.

Google Search and Voice Search

You can search for information on the web or on your phone using Google Search. You can also search the web or perform certain tasks by speaking.

Searching With Text

1. Tap the Google Search box at the top of the Home Screen to start the Search app.
2. Enter the terms you want to search for and tap , or tap a search suggestion.

Searching by Speaking

1. Tap the microphone icon to the right of the search box.
2. Speak the terms you want to search for. When you’re finished speaking, your speech is analyzed and the search is initiated.

If Google Search didn’t quite understand what you said, you are presented with a list of similar-sounding terms. Tap the correct term to start the search.

Changing Search and Voice Search Settings

Open the Search app and press the Menu Key > Settings to set searchable items.

To set Voice Search settings, press the Menu Key > System settings > Language & Input > Voice Search.
Camera

You can take photos and record videos. Photos and videos are stored to the phone’s memory card 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 > and select Camera.
2. Aim the camera at the subject and make any necessary adjustments.
3. Lightly tap or press the Camera Key.

CUSTOMIZE CAMERAS

Number Function
1. Turn on/off flash.
2. Select the color effect.
3. Switch between normal and timing mode.
4. Change the camera settings.
5. Hold the slider and slide to zoom in or out.
6. View photos and videos you have captured.
7. Capture a photo.
8. Switch to the camcorder.

Recording a Video
1. Press the Home Key > and select Camera.
2. Switch to the camcorder mode.
3. Aim the camera at the subject and make any necessary adjustments.
4. Tap to start and to stop recording. You can also press the Camera Key to start and stop.

TIP: While recording is in progress, you can tap to save the frame as a photo.

CUSTOMIZING CAMCORDER SETTINGS

Before recording a video, you can tap to turn on the flash or tap to open the following camcorder setting options:

Number Function
1. Turn on/off flash.
2. Change the camcorder settings.
3. View photos and videos you have captured.
4. Start or stop recording a video.
5. Switch to the camera.
Opening the Gallery
Press the Home Key > and select 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.

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

Sharing Albums
1. Tap and hold an album until it is selected.
2. Tap more albums that you want to share.
3. Tap at the top of the screen and select how you want to share the albums.

Viewing Details of an Album
1. Tap and hold an album until it is selected.
2. Tap Details.

Deleting Albums
1. Tap and hold an album until it is selected.
2. Tap more albums that you want to delete.
3. Tap Delete. If only one album is selected, tap Delete > OK.

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.

Press the Menu Key to browse the album contents in a slideshow, rotate the picture, view picture details, set it as contact icon or wallpaper, or edit it.

NOTE: Not all the options may be available for certain albums or pictures.

Number Function
1 Tap to return to the album, where all its contents are displayed in a grid.
2 Share the picture.
3 Delete the picture.

Retouching Your Pictures
You can edit any photos you took and some other pictures in Gallery. The changed picture is saved in the Edited album, while the original image is never affected.

1. Press the Menu Key > Edit while viewing a picture in full screen to open the edit interface.
2. Tap the icons along the bottom of the screen to edit the picture.

Add fill light, emphasize highlight or shadows, or set to auto-fix.
Apply effects such as posterizing, lomography, documentary, film grain, and more.
Apply color effects such as warmth, saturation, B&W, sepia, and negative, as well as other effects including doodling on the picture.
Crop, fix red eye, straighten, rotate, flip, sharpen, and more.

3. To undo or redo the changes you’ve made to the picture, tap or at the top of the screen.
4. Tap SAVE to save the new picture to the Edited album.

Sharing Your Pictures
1. Tap an album in Gallery and then tap a picture.
2. Tap at the top of the screen. If the icon is invisible, tap the screen first.
3. Select how you want to share the picture.

Working With Videos
Playing Videos
1. Tap an album in Gallery and then tap the thumbnail of a video.
2. Tap at the center to start playing.
3. Tap the video to view the playback controls.

Sharing Videos
1. Tap an album in Gallery and then tap the thumbnail of a video.
2. Tap at the top of the screen. If the icon is invisible, tap the screen first.
3. Select how you want to share the video.
Press the Home Key >  and select 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 so on.

### Copying Music Files to Your Phone

Before using Music, you need to copy audio files from your computer to your phone’s memory card.

#### Copying From a Computer

1. Connect your phone and the computer with a USB cable.
2. Tap Media device (MTP) (if supported on the PC) or Camera (PTP) to browse the files on the phone storage and the microSD card.
3. Copy the music file from the PC to the phone storage or microSD card.

#### Downloading From the Internet

You can download music files when browsing web pages. (See Browser – Downloading Files.)

#### Receiving via Bluetooth

You can receive music files from other devices via Bluetooth. (See Connecting to Networks and Devices – Receiving Data via Bluetooth.)

### Viewing Your Music Library

Press the Home Key >  and select Music and your music library is displayed. All your audio files are cataloged according to the information stored in the files. Tap the tabs at the top of the screen to view your music library organized by Albums, Artists, Songs, Playlists, Folders, or Genre Lists.

**NOTE:** If an audio file is being played, its summary information is displayed at the bottom of the screen. Tap the song 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 People – Editing Contacts – Setting a Ringtone for a Contact).

1. Press the Home Key >  and select Music to see the music library.
2. Tap next to a song in any list.
3. In the menu that opens, tap Use as phone ringtone.

### Deleting a Song

1. Press the Home Key >  and select Music to see the music library.
2. Tap next to a song in any list.
3. In the menu that opens, tap Delete > OK.

### Playing Music

Tap a song in the music library to listen to it. The following playback screen appears:

#### Number | Function
--- | ---
1 | Song and artist information.
2 | Tap to toggle repeat mode (no repeat, repeat the current song, or repeat the current playlist).
3 | Playback control. Skip songs or pause and resume playback. Drag the slider to jump to any part of the song.
4 | Tap to open the current playlist.
5 | Tap to add a song to the favorite list.
6 | Tap to play the current playlist in shuffle mode, where tracks are played in random order.
7 | Album artwork.

### 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.

#### Creating a Playlist

1. Tap next to the song in the music library.
2. In the menu that opens, tap Add to playlist.
3. Tap New.
4. Type the playlist name and tap Save.

The playlist is created and the song you selected is added to the playlist.
Adding a Song to a Playlist
1. Tap next to the song in the music library.
2. In the menu that opens, tap Add to playlist.
3. Tap the name of the playlist you want the song added to.

Removing a Song From a Playlist
1. Open a playlist.
2. Tap and hold the song or songs you want to remove.
3. Tap > OK.

Deleting or Renaming a Playlist
1. Tap the Playlists tab in the music library to see all the playlists.
2. Tap next to a playlist and tap Rename Playlist or Delete Playlist in the menu that opens.

NOTE: These options may not be available for certain automatically created playlists, such as Recently added.

The Play Music app works with Google Music, Google’s online music store and streaming service. You can stream via mobile data or Wi-Fi and listen to your favorite songs that you’ve added to your online Google Music library. You can also play audio files you’ve copied directly to your phone from a computer.

NOTE: The availability of Google Music is dependent on your region. If it is not available, or you don’t have a mobile data or Wi-Fi connection, you can only play music stored on your phone.

Playing Your Music
1. Press the Home Key. If you are prompted, select an account to access its online music library.
   The app searches your online library and your phone for music and playlists before displaying your combined music library, organized by Recent, Artists, Albums, Songs, Playlists, and Genres.
   To change views of your library, swipe left or right when holding the phone upright, or tap the view name at the top left of the screen when holding the phone on its side.
2. Tap a song to play it. When the song is playing, tap the album artwork to display more options.

<table>
<thead>
<tr>
<th>Number</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Tap to view the currently playing list.</td>
</tr>
<tr>
<td>2</td>
<td>Album artwork.</td>
</tr>
<tr>
<td>3</td>
<td>Playback control. Skip songs, pause and resume playback, use shuffle or repeat. Drag the progress bar to jump to any part of the song.</td>
</tr>
<tr>
<td>4</td>
<td>Rate the song.</td>
</tr>
<tr>
<td>5</td>
<td>Go back to now playing list.</td>
</tr>
<tr>
<td>6</td>
<td>Search for music.</td>
</tr>
</tbody>
</table>
Play Music

You can still control the music when you are not in the playback screen.
• In the Play Music app, tap the Now Playing bar at the bottom (portrait mode) of the screen to restore the playback screen.
• In other apps, flick down on the notification panel. Tap the song title to restore the playback screen, or just pause/resume playback or skip to the next/previous song.
• When the screen is locked, the song information and playback controls are displayed on top of the screen. 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.

Create a Playlist or Add a Song to a Playlist
Tap and hold the song or tap next to the song, and select Add to playlist.

Rearranging Songs in a Playlist
1. Open a playlist in the Playlists tab of the music library.
2. Tap and hold the small grid in front of a song.
3. Drag the grid up or down to change its order in the playlist.

Removing Songs From a Playlist
1. Open the playlist in the Playlists tab of the music library.
2. Tap and hold the song or tap next to the song you want to remove.
3. Select Remove from playlist.

Renaming or Deleting a Playlist
1. Swipe to the Playlists tab in the music library to see all the playlists.
2. Tap and hold a playlist or tap next to the playlist.
3. Tap Rename or Delete in the menu that opens.

Managing Video Files

Deleting Videos
1. Tap and hold a video in the video library. The video is highlighted.
2. To remove more videos, tap them.
3. Tap at the bottom left of the screen.
4. Tap OK.

Sharing Videos
1. Tap and hold a video in the video library. The video is highlighted.
2. To share more videos, tap them.
3. Tap at the bottom right of the screen and select how you want to share them.

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 on a Video
1. Tap next to a video.
2. Tap Details.

Video Player

Use the Video Player to play various kinds of videos.

Opening the Video Library
Press the Home Key > Video Player to view your video library.
Tap the tabs at the top of the screen to view the available videos.
• ALL: Videos on your phone.
• LAST ADDED: Recently added videos on your phone.
• CAMERAVIDEOS: Videos you have recorded with the phone’s camera.

Playing and Controlling Videos
• Tap a video in the video library to play it. Rotate the phone on its side to watch the video in landscape view.
• Tap the video to show the playback controls. You can pause and resume the playback or jump to any part of the video. You can also exit the video by pressing the Back Key.
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 > and select Sound Recorder.
2. Tap to start recording. Tap > OK to cancel recording if you change your mind.
3. Tap to stop recording. The memo is automatically saved.
If you don’t want to save the memo after recording it, tap > OK to delete it.

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 share, rename, delete it, check its file information, or set it as your phone ringtone.

More Apps

Alarm
Set alarms or turn the phone into a bedside clock.

Setting a New Alarm
1. Press the Home Key > and select Alarm.
2. Tap a default alarm to configure it, or tap Add alarm at the bottom of the screen to create a new alarm.
3. Set up the alarm options, such as time, repeat, and ringtone.
4. Tap SAVE to save and exit.

Using the Bed Clock
The Bed Clock displays the current time and the next alarm.
1. Press the Home Key > and select Alarm.
2. If necessary, press the Menu Key > Bed Clock Preferences in the Alarm screen to set up the Bed Clock options. Then press the Back Key to return to the Alarm screen.
• Enable bed clock: Turn on or off the Bed Clock function.
• Bed clock never sleeps: Keep the Bed Clock screen turned on when charging the phone.
3. Press the Menu Key > Bed Clock to open the Bed Clock screen.

Calculator
Press the Home Key > and select Calculator.
TIP: Tap or , or swipe left or right to switch between different panels. You can also hold the phone on its side to see all of the calculator buttons.

Downloads
The Downloads app keeps a record of the files you have downloaded using the Browser, Email, or Gmail app.
Press the Home Key > and select Downloads to check the record.
• Tap a file to open it with the appropriate applications.
• Tap and hold a file, or check the box in front of it, 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.
1. Press the Home Key > and select File Manager.
2. Tap the folder name at the top of the screen to switch between the memory card storage and the phone storage.
Full Share
Full Share offers a wireless solution to sharing media files among devices connected to the same Wi-Fi network. You can use this feature to easily access media content on different devices without having to transfer files.

Sharing Media Files on Your Phone
1. Connect your phone to a Wi-Fi network.
2. Press the Home Key > and select Full Share.
3. Tap the Server List tab. The other device should appear in this tab.
4. Tap a file (and select a media render if prompted) to start playing it with the dedicated player for shared media contents.

You can also press the Menu Key > Multi-Select to select multiple items and then tap the following buttons:
- Tap (and select a media render if prompted) to play the selected files on the media render one by one.
- Tap to add the files to the playlist. You can access them in the Playlist tab.
- Tap to download the files to the local device from a media server within the network.
- Tap to upload the files to another media server within the network.

Accessing Shared Files on Other Devices
After another device has shared its media contents while connected to a Wi-Fi network, you can access them with your phone.
1. Connect your phone to the same Wi-Fi network as the other device.
2. Press the Home Key > and select Full Share.
3. Tap the Server List tab. The other device should appear in this tab.
4. Tap the device and select a category to access its contents.
5. Tap a file (and select a media render if prompted) to start playing it with the dedicated player for shared media contents.

Note Pad
Press the Home Key > and select Note pad to save and view your text notes.
- Tap New to create a new note. Then enter your text and tap Save to save it.
- Tap a note to view its entire content. You can also delete it, share it, or export it.

Play Books
Press the Home Key > and select Play Books to read ebooks purchased from Play Store.
- Tap a book cover displayed in Play Books to start reading it. You can also tap the shopping bag icon at the top to buy more books from Play Store or tap to search by book title or author name.

Play Movies & TV
Press the Home Key > and select Play Movies & TV to watch movies you rent from Play Store as well as your personal videos stored on the phone.
- The MY RENTALS tab displays your recent movie rentals. You can stream them for online watching or download them to watch offline.
- The PERSONAL VIDEOS tab displays videos from other sources. Tap a video to play it.

Task Manager
Press the Home Key > and select Task Manager to view or stop applications.
- Tap a task in the Tasks tab to switch to its screen, force stop it, or see its details.
- Tap the Apps tab to manage all the apps on your phone.
- Tap the Resources tab to view the real-time system resources information.

Timer
Press the Home Key > and select Timer to use the stopwatch or the timer.
Stopwatch allows you to record lap times, while Countdown allows you to set a time and count down to zero.

World Time
Press the Home Key > and select World time to check local time for cities around the world.
- Tap at the bottom to add a new city or country.

YouTube
Press the Home Key > and select YouTube.
You can watch YouTube videos or upload your own.
Press the Home Key > Play Store. You can buy or rent music, books, movies, and apps and download them to your phone.

**NOTE:** The content you can access in Play Store depends on your region and your service provider.

### Browsing and Searching for Apps

You can browse apps by category and sort them in different ways. Tap a top-level category, such as Games, and tap the app from any subcategory. You can also search for apps using an app’s name or description, or the developer’s name. Just tap and enter the search terms.

### Downloading and Installing Apps

When you find the app you are interested in through browsing or searching, tap it to open its details screen, where more information about the app is displayed.

1. Tap Download (free apps) or the price (paid apps) in the app details screen.
2. If the app is not free, you will need to sign in to your Google Wallet account and select a payment method.
3. Tap Accept & download (free apps) or Accept & buy (paid apps) to accept the permissions for the app. Your app will start downloading immediately or once payment is successfully authorized.

### Managing Your Downloads

After you’ve downloaded and installed an app, you can rate it, view it in a list with your other downloaded apps, configure it to update itself automatically, and so on.

### Viewing Your Downloaded Apps

1. In the Apps screen of Play Store, press the Menu Key > My Apps.
2. Your list of installed apps opens. You can tap one to rate it, uninstall it, request a refund, and so on.

### Uninstalling an App

1. In the Apps screen of Play Store, press the Menu Key > My Apps.
2. Tap an app to open its details screen.
3. Tap Uninstall > OK.

### Press the Home Key > Settings

The Settings app contains most of the tools for customizing and configuring your device.

#### General Settings

**Airplane Mode**

Swipe the ON/OFF switch to turn on or off airplane mode.

**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. (See Connecting to Networks and Devices – Connecting to Mobile Networks.)

**Sound**

Adjust volumes (see Personalizing – Adjusting Volumes), toggle sound and mute (see Personalizing – Switching to Silent Mode), set up ringtones (see Personalizing – Changing the Ringtone) and notification sound (see Personalizing – Changing the Notification Sound), and select system sounds (see Personalizing – Turning On/Off Touch Sounds).

**Display**

- **Brightness:** Set the brightness of the display.
- **Wallpaper:** Select a background image for the home screen.
- **Sleep:** Set the length of time of inactivity before the screen turns off automatically.
- **Font size:** Set the font size of the text on the screen.
- **Pulse notification light:** Flash the LED light to notify you of missed calls, new messages, and other events.

**Date and Time**

Set the time zone, and how date and time are displayed. You can also use network-provided time zone.

**Language and Input**

- **Language:** Select a language and region for your system.
- **Spell checker:** Use Android spell checker to check for spelling errors when entering text.
- **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 – Entering Text – Touch Input Settings.)
**Wireless and Networks**

**Data Usage**
Tap the ON/OFF switch to turn on or off mobile data. You can check how much data has been used during the time circle you set, set mobile data limit and warning, see what app has been using mobile data, allow data roaming, 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.

**VPN**
Set up and connect to virtual private networks. (See Connecting to Networks and Devices – Connecting to Virtual Private Networks.)

**Device**

**Storage**
Check memory information for your external memory card and internal storage.

- **Unmount SD card:** Unmount the memory card from your phone so that you can safely remove the card.
- **Erase SD card:** Erase all data on your memory card and prepare it for use with your phone.

**Battery**
Check how much power remains for the battery and what has been using the battery.

**Apps**
See apps installed on your phone and manage them. Tap an app in the DOWNLOADED, ON SD CARD, RUNNING, or ALL tab to see its information. You can stop the app, uninstall or disable the app, clear data and cache, or move the app between the internal storage and the memory card.

**NOTE:** Not all applications can be moved or uninstalled.

**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 – Connect Your Phone to a Computer via USB.)

**Personal**

**Location Services**
Activate location services to determine your location. (See Maps, Navigation, Local, and Latitude – Activating Location Services.)

Check Location & Google search to let Google apps access your location and use your location to improve search results and other services.

**Security**

- **Screen lock:** Lock the screen with long press, face unlock, pattern, PIN, or password. (See Personalizing – Protecting Your Phone With Screen Locks.)
- **Make pattern visible:** Show the pattern as you draw it.
- **Automatically lock:** Set the time needed for the lock protection to be activated after the screen turns off.
- **Power button instantly locks:** Lock protection is activated immediately when you press the Power/Lock Key.
- **Vibrate on touch:** Vibrate as you draw the pattern or enter the PIN/password to unlock the phone.
- **Owner info:** Set the text that you may display on the lock screen.
- **Encrypt phone:** Encrypt your data on the phone to protect your privacy. (See Personalizing – Protecting Your Phone With Encryption.)
- **Encrypt SD card:** Check this option to require a numeric PIN or password to decrypt your microSD card each time you power on your phone.
- **Make passwords visible:** Display passwords as you enter them.
- **Device administrators:** View or deactivate apps you have authorized to be device administrators.
- **Unknown sources:** Check this option to permit installation of apps from sources other than the Play Store.
Settings

- Trusted credentials: Display trusted CA certificates.
- Install from SD card: Install certificates from the memory card.
- Clear credentials: Delete all certificates.

Backup and Reset
- Back up my data: Back up data, Wi-Fi passwords, and other settings to Google servers after you sign in to your Google account.
- Automatic restore: Restore previously backed up settings and data when you reinstall an app.
- 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 memory card during the process.

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 that type of accounts you have added and adjust the accounts settings.

System

Accessibility
Configure the system accessibility options and accessibility plug-ins on your phone, such as using TalkBack for low-vision users.

Developer Options
Developer options contains settings that are useful when developing Android applications.

About Phone
View phone status, legal information, and other information. Meanwhile, you can also update your phone software through storage card updates.

To update your phone software through microSD card:
1. Copy the update package to the root directory of microSD card. Please make sure the update package has been renamed to update.zip.
2. Press the Menu Key > System settings > About phone > System updates > Storage card updates, then click OK and choose Update now.
3. The system reboots and begins the microSD upgrade.
4. When the upgrade is finished, the system will reboot with new software.

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 can not effectively reach it.</td>
<td>Move to a location where the network signal can be properly received.</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>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>
<tr>
<td>Problem</td>
<td>Possible Causes</td>
<td>Possible Solution</td>
</tr>
<tr>
<td>-------------------------</td>
<td>--------------------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------------------------</td>
</tr>
<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>Use 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>
<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>Unable to connect to the network</td>
<td>You are not within the network’s service area.</td>
<td>Check the service area with your service provider.</td>
</tr>
</tbody>
</table>
While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/ea/fccid/ after searching on FCC ID: Q78-Z665C.

For body-worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and positions the handset a minimum of 0.6 inches (1.5 cm) from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 0.6 inches (1.5 cm) from your body when the phone is switched on.

FCC Compliance

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.

Radio Frequency (RF) Energy

This model phone meets the government’s requirements for exposure to radio waves. 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 U.S. Government:

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone 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 highest SAR values for this model phone as reported to the FCC when tested for use at the ear and on the body are:

**Head:** 1.41 W/kg
**Body:** 1.19 W/kg

(Body-worn measurements differ among phone models, depending upon available enhancements and FCC requirements.)

*In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

For Your Safety

General Safety

- Don’t make or receive handheld calls while driving. And never text while driving.
- Keep your phone at least 0.6 inches (15mm) away from your ear or body while making calls.
- Small parts may cause choking.
- Your phone can produce a loud sound.
- Keep away from pacemakers and other electronic medical devices.
- Switch off when asked to in hospitals and medical facilities.
- Switch off when told to in aircrafts and airports.
- Switch off when near explosive materials or liquids.
- Don’t rely on your phone for emergency communications.
- Don’t use at gas stations.
- Your phone may produce a bright or flashing light.
- Don’t dispose of your phone in fire.
- Avoid contact with anything magnetic.
- Avoid extreme temperatures.
- Avoid contact with liquids. Keep your phone dry.
- Don’t take your phone apart.
- Only use approved accessories.

For Your Safety
For Your Safety

Road Safety

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

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

Product Handling

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

- Always treat your phone and its accessories with care and keep it in a clean and dust-free place.
- 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 your phone or its accessories to extreme temperatures, minimum 23°F and maximum 122°F (minimum -5°C and maximum 50°C).
- 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.

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

Electrostatic Discharge (ESD)
Do not touch the SIM 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 toward your mouth.

Air Bags
Do not place a phone in the area over an air bag or in the air bag deployment area.

Store the phone safely before driving your vehicle.

Seizures/Blackouts
The phone can produce a bright or flashing light.
**Repetitive Stress Injuries**

To minimize the risk of RSI when texting or playing games with your phone:

- Do not grip the phone too tightly.
- Press the buttons lightly.
- Use the special features which are designed to minimize the times of pressing buttons, such as Message Templates and Predictive Text.
- Take lots of 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 in the battery terminals.

**Connection to a Car**

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

**Faulty and Damaged Products**

Do not attempt to disassemble the phone or its accessories.

Only qualified personnel can service or repair the phone or its accessories.

If your phone or its accessory 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.

**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.

**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 Devices**

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

**Hospitals**

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

**Aircraft**

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

Consult the airline staff about the use of wireless devices on board the aircraft. If your device offers a “flight mode,” this must be enabled prior to boarding an aircraft.

**Interference in Cars**

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

**Explosive Environments**

**Gas Stations and Explosive Atmospheres**

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

Areas with potentially explosive atmospheres include 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.
## Specifications

Handset specifications are shown in the following table.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handset Standards</td>
<td>CDMA 1x and EVDO</td>
</tr>
<tr>
<td>Dimensions (H × W × D)</td>
<td>4.65” (H) x 2.46” (W) x 0.48” (D)</td>
</tr>
<tr>
<td>Weight</td>
<td>4.57 oz. (with battery)</td>
</tr>
<tr>
<td>Display</td>
<td>3.5” 320 x 480</td>
</tr>
<tr>
<td>Camera</td>
<td>3 megapixel camera</td>
</tr>
<tr>
<td>Internal memory</td>
<td>ROM: 4 GB, RAM: 512 MB</td>
</tr>
<tr>
<td>Removable memory card</td>
<td>Supports microSD card up to 32 GB</td>
</tr>
<tr>
<td>Battery</td>
<td>1,500 mAh</td>
</tr>
<tr>
<td>Continuous idle time</td>
<td>Up to 350 hours</td>
</tr>
<tr>
<td>Continuous talk time</td>
<td>Up to 6 hours</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.