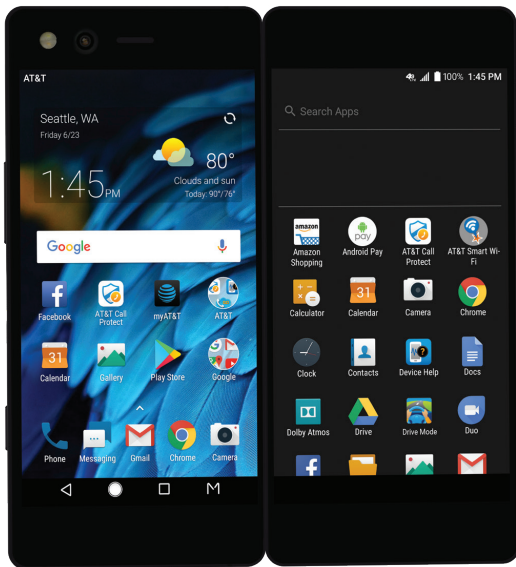


User Guide



ZTE | AXON M



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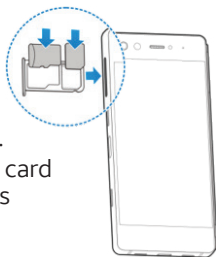
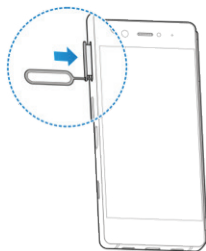
Getting Started

Installing the Nano-SIM Card and Memory Card

You do not need to power off your phone before installing or replacing the nano-SIM card or before installing or removing the memory card (not included). You need to unmount the memory card before removing it (see *Connecting to Networks and Devices – Using the Memory Card as Portable or Internal Storage*).

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

1. Insert the tip of the tray eject tool into the hole on the card tray. Pull the tray out.
2. Place the nano-SIM card and the memory card on the tray with the gold-colored contacts facing down.
3. Carefully slide the tray back into place.



Charging the Battery

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



If the battery is low, there will be a pop-up message on the screen. As you charge your phone, the screen will show you the exact battery level on the Status Bar.

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

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

Caution: Do not attempt to change the built-in rechargeable battery yourself. The battery can only be changed by ZTE or a ZTE-authorized service provider.

Note: Use the USB Type-C™ charger that comes in-box with your phone to charge the battery. It's specially built to support Qualcomm® Quick Charge™ 3.0.

1. Connect the adapter to the charging port.
2. Connect the charger to a standard AC wall outlet. If the phone is on, you'll see a charging icon, such as  or , appear in the Status Bar.
3. Disconnect the charger when the battery is fully charged.



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

Extending the Battery Life

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

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

Powering Your Phone On/Off

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

Note: If the phone freezes or takes too long to respond, press and hold the **Power key** for about 10 seconds to restart the phone.

Setting Up Your Phone for the First Time

When you first power on your phone after you purchase it or reset it to factory settings (see *Settings – Personal – Backup & Reset*), you will need to set it up before using it.

Tap the language field to select a language. Then tap **LET'S GO** and follow the prompts to set up your Wi-Fi connection, Google services, name, device protection, and other options.

Note: Users with low vision can tap **Vision Settings** on the initial setup screen to customize accessibility features.

Locking/Unlocking the Screen and Keys




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

Locking the Screen and Keys

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

Note: To save battery power, the phone automatically turns off the screen after a certain period of time when you leave it idle. You will still be able to receive messages and calls while the phone screen is off.

Unlocking the Screen and Keys

1. Press the **Power key** to turn the screen on.
2. Press and hold a blank area of the screen or  to wake the phone, or
 - Press and hold  to launch TV Mode.
 - Press and hold  and flip the device over to open the front camera.
 - Double-tap a notification to open the related app.


Note: If you have set a fingerprint, pattern, PIN, or password for your phone (see *Personalizing – Protecting Your Phone With Screen Locks* and *Using Your Fingerprint*), you'll need to press your finger against the Power key/Fingerprint sensor, 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 on-screen items (such as application and settings icons), or press on-screen buttons, simply tap them with your finger.
- **Press and Hold** – To open the available options for an item (for example, a message or link in a web page), press and hold the item.
- **Swipe or Slide** – To swipe or slide means to quickly drag your finger vertically or horizontally across the screen.
- **Drag** – To drag, press and hold your finger with some pressure before you start to move your finger. While dragging, do not release your finger until you have reached the target position.
- **Pinch** – In some apps (such as Maps and web browsers), 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).
- **Capture** – On any screen, you can take a screen capture by placing three fingers on the screen at once and pinching them together.
- **Rotate the Screen** – For most screens, you can automatically change the screen orientation from portrait to landscape by turning the phone sideways.





Notes:

- The Auto-rotate screen setting needs to be enabled for the screen orientation to automatically change. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings > Display > Auto-rotate screen**.
- You can also access the screen rotation control by sliding down the Status Bar twice and tapping **Auto-rotate** or **Portrait**.

Getting to Know Your Phone

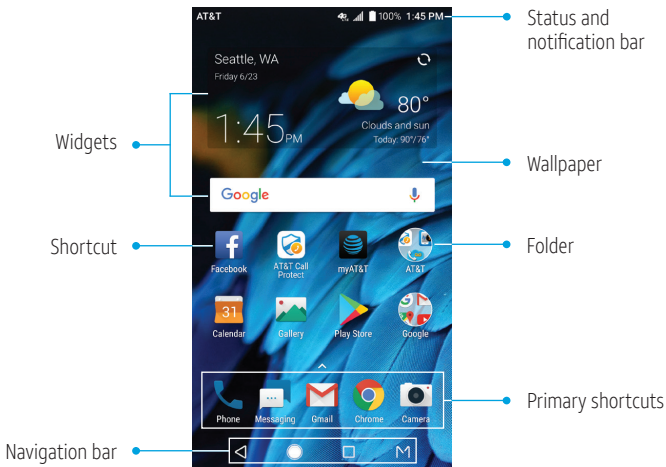


Key Functions

Key	Function
Power key/ Fingerprint sensor	Press and hold to turn Airplane mode on or off, restart, or power off. Press to turn the screen display on or off. Press to use any fingerprint functions you have enabled. (See <i>Personalizing – Using Your Fingerprint.</i>)
Home key 	Press to return to the home screen from any application or screen. Press and hold to access Google Assistant.
Recent apps key 	Press to see recently used applications. Double-tap to switch to the most recent application.
Back key 	Press to go to the previous screen.
Mode key 	Press to select a multi-screen mode. (See <i>Getting Started – Getting to Know the Multi-screen.</i>)
Volume key	Press or hold to turn the volume up or down.
Quick Launch button	Press for quick access to TV Mode or to another selected app. (See <i>TV Mode.</i>)

Getting to Know the Multi-screen


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



Your Axon M offers a variety of different screen modes. To switch modes, flip open your device and tap **M**.


Note: The device's multi-screen functionality is dependent on magnetic flux level. It will be disabled in environments with high temperatures or high iron content.

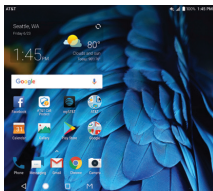
Mirror Mode

To use Mirror Mode, tap . In this mode, the left and right screens show the same view.




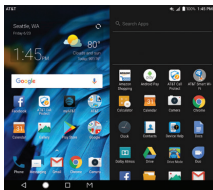
Extended Mode

To use Extended Mode, tap . In this mode, the left and right screens show a single extended view.




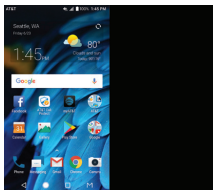
Dual Mode

To use Dual Mode, tap . In this mode, the left and right screens show different views. You can have a different app open on each screen.



Single Mode


To use Single Mode, tap . In this mode, only the left screen shows the current view; the right screen is blank.



Extending the Home Screen

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

To add a new home screen panel:

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, or press and hold an empty area of the home screen and select **WIDGETS**.
2. Press and hold an application icon or a widget, and drag it to the right edge of the screen to create a new home screen panel.
3. Release the icon or widget to place it on the new panel.

To move a home screen panel:



1. Press and hold an empty area of the home screen.
2. Swipe left or right to view the panel thumbnails. Press and hold a thumbnail and drag it left or right to the place you need.

Notes:


- To delete a home screen panel, you must remove all icons and widgets from the panel. (See *Knowing the Basics – Managing Shortcuts and Widgets – Removing Shortcuts and Widgets*.) The panel will then be deleted automatically.
- There must be at least one home screen panel.

Personalizing

Changing the System Language


1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings > Languages & input > Languages**.
2. To add a system language, tap **Add a language**, and then select the language you need.
3. Press and hold  next to the language you want to use, and drag it to the top of the list.

Setting the Date and Time

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings > Date & time**.
2. Set the date, time, time zone, and time format.
 - To adjust the date and time automatically, tap to turn on **Automatic date & time**.
 - To adjust the date and time manually, tap to turn off **Automatic date & time** and tap **Set date / Set time** to change the date and time.
 - To adjust the time zone automatically, tap to turn on **Automatic time zone**.
 - To adjust the time zone manually, tap to turn off **Automatic time zone** and tap **Select time zone** to set the correct time zone.
 - To adjust the time format, tap **Use 24-hour format**.

Changing the Ringtone and Notification Sound


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

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings > Sound**.
2. Tap **Phone ringtone**, **Default notification ringtone**, or **Default alarm ringtone**.
3. Scroll through the list and select the ringtone you'd like to use.
4. Tap **OK**.


Notes:

- Many applications have their own notification sound settings.
- See *Contacts – Editing Contacts – Setting a Ringtone for a Contact* for how to assign a special ringtone to an individual contact.
- When selecting ringtones or sounds, tap the **Music** or **Recording** tab to select an audio file saved on the phone or the memory card.

Turning System Sounds On/Off

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings > Sound > Other sounds**.
2. Tap **Dial pad tones**, **Screen locking sounds**, **Charging sounds**, **Touch sounds**, **Vibrate on tap**, or **Power up tone** to turn these options on or off.


Adjusting Volumes

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Sound**.
2. Drag the sliders below **Media volume**, **Alarm volume**, **Ring volume**, and **Notification volume** to adjust the volume for each type of audio.

Note: You can adjust the media volume when a media application is in use by pressing the **Volume key**. If no media application is active, press the **Volume key** to adjust ringtone volume (or the earpiece volume during a call).

Switching to Silent or Vibration Mode

You can set the phone to silent mode by using one of the following methods:


- Press the **Volume key** when no media application is active to show the volume management window. Drag the slider to the left or press and hold **down** on the **Volume key** to switch the phone to vibration mode. Press **down** on the **Volume key** again in vibration mode to switch the phone to silent mode.
- Tap the **Arrow**  or swipe up from the bottom of the home screen, tap **Settings** > **Sound** > **Notification mode**, and select **Vibrate** or **Mute** to switch to vibration or silent mode.
- You can also use the Quick Settings to manage the sound settings. See *Knowing the Basics – Managing Notifications – Using Quick Settings*.

Notes:

- Silent and vibration modes will not silence your alarm sound.
- To restore normal sound settings, press or hold **up** on the **Volume key**.


Using Do Not Disturb Mode

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

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Sound** > **Do not disturb**.
2. Tap **Do not disturb** and select **On** or **Scheduled** as you need.
 - Tap **On** to turn on Do not disturb mode immediately. It will remain on until you turn it off.
 - Tap **Scheduled** to select time periods for Do not disturb mode to be turned on automatically.
3. Set the detailed settings.
 - If you have selected **Scheduled**, tap **Days**, **Start time**, and **End time** to specify the time periods during which Do not disturb mode is on.
 - Tap **Disturb rules** to choose whether or not to allow certain notifications.
 - **Priority only**: Only notifications you have marked as priority are allowed.
 - **Alarms only**: Only alarms are allowed.
 - **Total silence**: No notifications are allowed.

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


Notes:

- To turn off Do not disturb mode quickly, press the **Volume key** and tap **END NOW**.
- Do not disturb mode will not silence your alarms unless you select **Total silence**.
- To set exceptions based on apps, tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Notifications**. Select an app and tap to turn on **Override Do Not Disturb**.


Applying New Wallpapers

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

1. Press and hold an empty area of the home screen.
2. Tap **WALLPAPERS**.
3. Swipe left on the wallpaper panel to view the available options, or tap **My photos** to choose a picture from Gallery.
4. Tap an image, and then tap **Set wallpaper**.
5. Tap **Home screen**, **Lock screen**, or **Home screen and lock screen** to select where you want the new wallpaper to appear.

Note: In addition, you can tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Display** > **Wallpaper** to pick an image from **Gallery**, **Photos**, or **Wallpapers** or an animation from **Live Wallpapers**.

Changing the Screen Brightness


1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Display** > **Brightness level**.
2. Drag the slider to manually adjust the screen brightness.

Notes:

- Your phone can automatically adjust the screen brightness for available light. Tap **Adaptive brightness** in the Display settings screen to turn this feature on or off.
- You can also use the Quick Settings to manage the screen brightness. See *Knowing the Basics – Managing Notifications – Using Quick Settings*.

Protecting Your Phone With Screen Locks

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

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Security** > **Screen lock**.
2. Tap **None**, **Long press**, **Pattern**, **PIN**, or **Password**.
 - Tap **None** to disable screen lock protection.
 - Tap **Long press** to enable screen lock and allow unlocking with a “press and hold” gesture. You can unlock the screen by pressing and holding a blank area on the lock screen.
 - Tap **Pattern** to create a pattern that you must draw to unlock the screen.
 - Tap **PIN** or **Password** to set a numeric PIN or a password that you must enter to unlock the screen.

3. For Pattern, PIN, or Password lock, select either **Require pattern/PIN/password to start device** or **No thanks**.

Note: Until your phone starts up, it cannot receive calls, messages, or notifications, including alarms. When this feature is enabled, you must unlock your phone to allow it to start up.


4. For Pattern, PIN, or Password lock, select how you would like notifications and their contents to show when the phone is locked, and then tap **DONE**.

Note: Remember the pattern, PIN, or password you set. Otherwise, you will need to upgrade the phone software to use the phone.

Protecting Your Phone With Screen Pinning



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

Turning On Screen Pinning

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Security** > **Screen pinning**.
2. Tap the **On/Off** switch.
3. If you want to be asked for the unlock pattern, PIN, or password before unpinning the screen, switch on **Ask for unlock pattern / PIN / password before unpinning** when the screen lock has been set.

Pinning a Screen

1. Ensure that screen pinning is turned on.
2. Open the app you want to keep in view.
3. Press the **Recent apps key**.

4. If there are many app tabs, swipe up to find  on the front-most tab.
5. Tap  > **GOT IT**.

Unpinning the Screen

To unpin the screen and return to normal use, press and hold the **Back** key.


If you have turned on **Ask for unlock pattern / PIN / password before unpinning**, press and hold on the lock screen and draw the pattern or enter the PIN/password.

Using Your Fingerprint

With the Power key/Fingerprint sensor on the side of your phone, you can register up to five fingerprints and use them to unlock the phone, or simply press the Power key/Fingerprint sensor to open a selected app, take photos, or answer calls.


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

Registering a Fingerprint

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Security** > **Fingerprint**.
2. Enter the screen lock pattern, PIN, or password you set. If you haven't set a screen lock, follow the prompts to set it.
3. Tap **REGISTER** or **Fingerprint management** > **Add fingerprint**.
4. Follow the prompts to record the fingerprint.
5. Tap **OK**.

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












Setting Fingerprint Actions












1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings > Security > Fingerprint**.
2. Enter the screen lock pattern, PIN, or password you set.
3. You can adjust the following options:
 - **Answer call:** Press the Power key/Fingerprint sensor to answer incoming calls. No fingerprint verification is needed. Tap **Answer call** to enable or disable this option.
 - **Unlock your phone:** When the screen is locked, you can wake the phone and unlock it with a registered fingerprint. Tap **Fingerprint management > Unlock your phone** to enable or disable this option.
 - **Simple touch:** When the screen is locked, you can quickly open a selected app with a registered fingerprint. Each registered fingerprint can be assigned to a different app. Tap **Fingerprint management > Simple touch**, tap a registered fingerprint, and then tap an app in the list to assign it to that fingerprint.

Knowing the Basics

Monitoring the Phone Status









The status bar at the top of the home screen provides phone and service status icons on the right side. Below are some of the icons you may see.









Indicator	What it means
	4G LTE™ connected
	3G/HSPA+ connected
	Silent mode
	Vibration mode
	Do not disturb mode
	Battery low
	Battery full
	Battery charging
	Alarm set
	GPS on
	Mobile hotspot on

Indicator	What it means
	No signal
	Signal strength
	No nano-SIM card installed
	Airplane mode
	<i>Bluetooth</i> on
	Connected to a Wi-Fi network
	Wi-Fi in use
	Speakerphone on
	Phone microphone off
	NFC on
	Video call transferring to Wi-Fi

Managing Notifications

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

Indicator	What it means
	New SMS/MMS
	New Gmail™ message(s)
	Missed call
	Call in progress
	Call on hold
	Song playing
	Video call via Wi-Fi
	New voicemail message(s)

Indicator	What it means
	Upcoming event
	New Wi-Fi network detected
	Downloading data
	Sending data
	USB connected
	USB tethering on
	Video call via mobile data
	Video call on hold

Opening/Closing the Notification Panel

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

- To open the Notification Panel, swipe your finger down from the top of the screen.
- To close the Notification Panel, swipe your finger up on the screen or press the **Back key**.

Responding to or Removing a Notification

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

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


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


Using Quick Settings



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

Swipe down with two fingers from the top of the screen, or open the Notification Panel and drag the panel downward to view the following Quick Settings:

- **Brightness:** Uncheck **AUTO** and drag the brightness slider to adjust the screen brightness.
- **Wi-Fi:** Tap to turn Wi-Fi on or off. Press and hold to open the Wi-Fi menu. (See *Connecting to Networks and Devices – Connecting to Wi-Fi*.)
- **Bluetooth:** Tap to turn *Bluetooth* on or off. Press and hold to open the *Bluetooth* menu. (See *Connecting to Networks and Devices – Connecting to Bluetooth Devices*.)
- **Sound / Vibrate / Silent:** Tap to switch between sound, vibration, and silent mode. (See *Personalizing – Switching to Silent or Vibration Mode*.)
- **TV Mode:** Tap to select TV Mode options. To turn TV Mode on or off, tap the switch. To select the video app you want TV Mode to launch, tap the app name > **DONE**, or tap **MORE SETTINGS** for more options. Press and hold to open the TV Mode menu. (See *TV Mode*.)
Note: The name of this Quick Settings option changes to match the currently assigned video app.
- **Airplane mode:** Tap to turn Airplane mode on or off. Press and hold to access additional network settings.
- **Auto-rotate / Portrait:** Tap to turn auto-rotation of the screen on or off. Press and hold to open the Display menu.
- **Location:** Tap to turn Location on or off. Press and hold to open the Location menu. (See *Settings – Personal – Location*.)


- **Do not disturb:** Tap to turn on Do not disturb mode and select options. Tap **MORE SETTINGS** for more options, or tap **DONE** to turn on Do not disturb mode with the options you have selected. Tap again to turn off Do not disturb mode. Press and hold to open the Do not disturb menu. (See *Personalizing – Using Do Not Disturb Mode*.)
- **Hotspot:** Tap to turn the Wi-Fi hotspot feature on or off. Press and hold to open the Mobile Hotspot menu. (See *Connecting to Networks and Devices – Sharing Your Mobile Data Connection – Sharing Your Mobile Data Connection as a Mobile Hotspot*.)
- **Night Mode:** Tap to turn Night Light mode on or off. This mode tints your screen amber, which makes it easier to look at your screen or read in dim light, and may help you fall asleep more easily. Press and hold to open the Night Light menu.
- **Data Saver:** Tap to turn Data Saver mode on or off. Press and hold to open the Data usage menu. (See *Settings – Wireless & Networks – Data Usage*.)
- **Battery Saver:** Tap to turn Battery saver on or off. Press and hold to open the Battery saver menu. (See *Settings – Device – Battery*.)
- **NFC:** Tap to turn NFC on or off. Press and hold to open additional network settings. (See *Connecting to Networks and Devices – Using NFC*.)
- **Sync:** Tap to turn auto-syncing of accounts data on or off. Press and hold to open the Accounts menu to add a new account to the phone. (See *Accounts – Configuring Account Sync*. Tap  to add this option to Quick Settings.)

- **Nearby:** Tap to find apps and websites for what's around you (Tap  to add this option to Quick Settings.)

Note: At the top of the Quick Settings panel, tap  to open the Settings menu, or tap  to add, remove, or rearrange Quick Settings icons.

Managing Shortcuts and Widgets


Adding Shortcuts and Widgets

1. Tap the **Arrow**  or swipe up from the bottom of the home screen to view apps.
Or, to view widgets, press and hold an empty area of the home screen and select **WIDGETS**.
2. Swipe to browse the available apps or widgets.
3. Press and hold a widget or an app icon and drag it to a home screen panel.
Note: You can drag a widget or an app icon to the right edge of the screen to create a new home screen panel.

Moving Shortcuts and Widgets

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

Removing Shortcuts and Widgets

1. Press and hold a shortcut or widget on the home screen.
2. Drag it to  to remove it.

Adjusting Widget Size


1. Press 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 shortcuts to them. You can move or remove folders in the same way that you move or remove shortcuts.

1. Press and hold a shortcut on the home screen and drag it to  at the top left.
2. Release the shortcut. A new folder will be created with the shortcut inside.
3. To add more shortcuts to the folder, press and hold each shortcut and drag it over the folder before releasing it.

Notes:

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

Rearranging the Primary Shortcuts


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



Entering Text


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

Enabling or disabling input methods

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings > Languages & input > Virtual keyboard > Manage keyboards**.
2. Slide the switches beside the input methods to enable or disable them.

Note: Some default input methods may not be disabled.


Changing input methods

1. When you use the on-screen keyboard to enter text, the  icon appears in the Status Bar.

Note: The  icon appears only when more than one input method is installed and enabled for use.

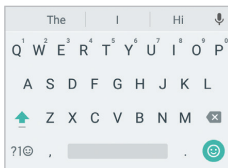
2. Open the Notification Panel and tap **Change keyboard**.
3. Select the input method you need.











Managing input method settings








1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings > Languages & input > Virtual keyboard**.
2. Tap an input method to adjust its settings.

Google Keyboard

The Google Keyboard provides a layout similar to a desktop computer keyboard. When screen auto-rotation is enabled, turn the phone sideways and the keyboard will change from portrait to landscape. The landscape keyboard is not supported in all applications.




- Tap the alphabetic keys to enter letters. Press and hold some specific keys to enter associated accented letters or numbers. For example, to enter È, press and hold E³, and the available accented letters and number 3 appear. Then slide to choose È.
- As you enter a word, suggested words appear above the keyboard. Tap a suggested word to select it. Press and hold a suggested word and drag it to  to remove it from the suggestions.
- 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.
- Tap  to enter miniature icons, such as expressions, astrological symbols, and animals.

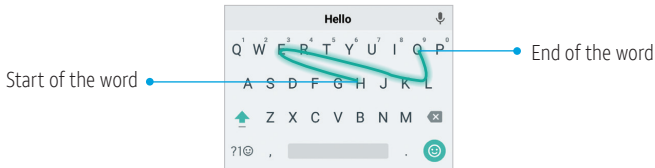
- Tap  to use Google voice typing.
- Press and hold  to change the input language or set up the Google Keyboard.
- Press and hold  and slide to  to enable one-handed mode. Tap  /  to switch to the right-hand or left-hand keyboard, respectively. Tap  to switch back to the full-sized keyboard.

Gesture Typing

The Google Keyboard supports the gesture-typing feature. Use this feature to input a word by sliding from letter to letter on the keyboard.

To enable and use gesture typing:

1. Press and hold  on the Google Keyboard, and then tap **Google Keyboard settings**.
2. Tap **Gesture typing** > **Enable gesture typing** if this feature is turned off.
3. On the Google Keyboard, slide your finger from letter to letter to trace a word without lifting your finger until you reach the end of the word.




Notes:

- Tap to type when you want to. If you want to enter a single letter, simply tap the key once.

- Lift your finger at the end of the word. A space is added automatically when you begin to trace the next word.












TouchPal Keyboard

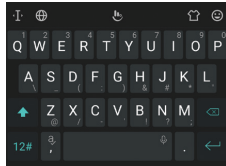
TouchPal Keyboard offers three layouts: FULL, PHONEPAD and T+. You can tap  to select a layout or an input language.




You can also use Curve® - Word gesture and Wave™ - Sentence gesture to speed up text input by moving your finger from letter to letter or from word to word without lifting the finger.

The FULL Layout

The FULL layout offers an input experience similar to a computer keyboard.

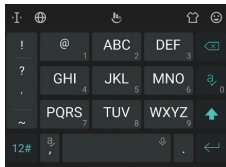
- **The alphabetic keys:** Tap the keys to enter letters. You can also press and hold a key and slide to choose more characters.
- **The shift key:** Tap  to use uppercase. Double-tap  to lock uppercase. This key also changes to indicate the current case you are using:  for lowercase,  for uppercase, and  when locked in uppercase.
- **Word prediction:** Press and hold  or  and tap the **Prediction** switch to turn prediction on or off.
- **Predefined texts and symbols:** Tap  to enter digits, symbols, and more. Tap  to see more options, or tap  to go back to the alphabetic keys. To enter emoji and emoticons, tap  or (from the alphabetic keys) slide up on the space key.



- **The delete key:** Tap  to delete text before the cursor. You can also press and hold the key to quickly delete multiple characters, or slide left on the key to delete a whole word.
- **More options:** Tap  to access TouchPal quick settings, use voice input, resize the keyboard, and more. Tap  to change the TouchPal Keyboard theme and other settings.

The PHONEPAD Layout

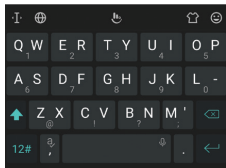
The PHONEPAD layout is similar to a phone pad. If word prediction is disabled, tap an alphabetic key repeatedly until the desired letter or number appears. You can also press and hold the key and slide left or right to choose the letter or number you need.



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

The T+ Layout

If word prediction is disabled, tap to enter the left letter on the key. Double-tap or flick right to enter the right letter/symbol on the key. You can also press and hold a key and slide left or right to choose more letters and symbols.





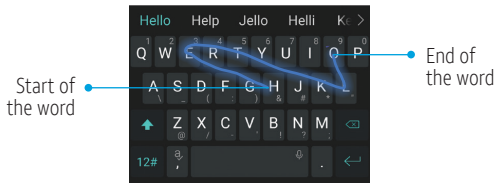
If word prediction is enabled, just tap the keys and choose the right word.

Curve - Word Gesture

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

To enable and use Curve - Word gesture:

1. On the TouchPal Keyboard, tap  > **Settings** > **Prediction** and check **Curve® - Word gesture**.
2. Press the **Back key** twice, tap inside a text field to open the keyboard, and then tap  > **FULL** to switch to the FULL layout.
3. Move your finger from letter to letter on the keyboard to trace a word, without lifting the finger until you reach the end of the word.



Notes:


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

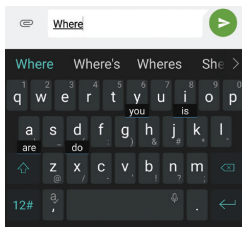
Wave™ - Sentence Gesture

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

To enable and use Wave - Sentence gesture:

1. On the TouchPal Keyboard, tap  > **Settings** > **Prediction** and check **Wave™ - Sentence gesture**.

2. Press the **Back key** twice, tap inside a text field to open the keyboard, and then tap  > **FULL** to switch to the FULL layout.
3. Tap or use Curve - Word gesture to enter the first word. As the first word appears on the text field, candidate words appear on the keyboard for you to choose from as the following word.
4. Drag the correct candidate word to the space key to add the word to the text field.






Notes:

- If no candidate word is correct, type the word as you normally would.
- Wave - Sentence gesture is only available in the FULL layout.

Google Voice Typing

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

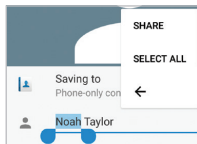
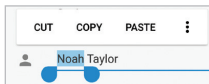
1. To access the voice typing feature, tap  while using the Google Keyboard, tap  >  while using the TouchPal Keyboard, or swipe down on the Status Bar while entering text and tap **Change keyboard** > **Google voice typing**.

2. When you see the microphone image, speak what you want to type.
3. You can continue entering text, or tap an underlined word to change or delete it.

Note: Say “comma,” “period,” “question mark,” “exclamation mark,” or “exclamation point” to enter punctuation.


Editing Text

- **Move the insertion point:** Tap where you want to type. The cursor blinks in the new position, and a tab appears below it. Drag the tab to move the cursor.
- **Select text:** Press and hold or double-tap within the text. The nearest word highlights, with a tab at each end of the selection. Drag the tabs to change the selection. You can also tap **⋮** > **SELECT ALL** to highlight all of the text as your selection.
- **Cut or copy:** Select the text you want to manipulate. Then tap **CUT** or **COPY** to cut or copy the text to the clipboard.
- **Replace text with the clipboard text:** Select the text you want to replace. Then tap **PASTE**.
- **Insert text from the clipboard:** Tap the tab below the cursor, and then tap **PASTE**.
- **Share text:** Select the text you want to share, tap **⋮** > **SHARE**, and select a method.



Opening and Switching Apps

Opening an App


1. Tap the **Arrow**  or swipe up from the bottom of the home screen to open the application list, where you can find all of the apps on your device.
2. Slide up or down on the screen to view all of the apps. Tap an app to open it.

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

Switching Between Recently Opened Apps

1. Press the **Recent apps** key. The apps you've used recently are displayed in a series of tabs. Swipe up and down to see all of the tabs.
2. Tap a tab to open that app.

Notes:


- You can swipe a tab left or right or tap  on the corner of the tab to remove it from the list. Tap **Clear all** to remove all tabs.
- Double-tap the **Recent apps** key to quickly switch between the two most recently used apps.

Connecting to Networks and Devices


Connecting to Mobile Networks

Controlling Mobile Data Use

To enable or disable data access:

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Mobile networks** > **Mobile Networks**.
2. Slide the **Mobile Data** switch to enable or disable mobile data use.




To get data services when roaming:

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Mobile networks** > **International Data Roaming**.
2. Slide the **Mobile Data** switch to enable or disable roaming.

Note: Data roaming may incur significant roaming charges.

Setting Access Point Names

You can use the default Access Point Names (APNs) to connect to the Internet. To add a new APN, you may need to contact your service provider for the required information.


1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Mobile networks** > **Access Point Names**.
2. Tap .
3. Tap each item to enter the required information.
4. Tap  > **Save**.

Note: To set the APN to default settings, tap  > **Reset to default** > **CONTINUE**.

Connecting to Wi-Fi



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

Turning Wi-Fi On and Connecting to a Wi-Fi Network

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Wi-Fi**.
2. Slide the switch to the **On** position to turn on Wi-Fi.
3. Tap a network name to connect to it.
4. If the network is secured, enter the password and tap **CONNECT**.

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

Getting Notified of Open Networks


1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Wi-Fi**.
2. Slide the switch to the **On** position.
3. Tap .
4. Slide the **Network notification** switch to the **On** position.

When Wi-Fi is on, you receive notifications in the Status Bar when your phone detects an open Wi-Fi network. Slide the **Network notification** switch to the **Off** position to turn off notifications.

Adding a Wi-Fi Network


You can add a Wi-Fi network if the network does not broadcast its name (SSID) or if 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. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Wi-Fi**.
2. Slide the 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've connected to previously—for example, if you don't want the phone to connect to it automatically or you no longer use the network.



1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Wi-Fi**.
2. Slide the switch to the **On** position.
3. Tap the Wi-Fi network name, and then tap **FORGET**.

Connecting to a WPS Network



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

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

Method One: WPS Button (Recommended)

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Wi-Fi**.
2. Slide the switch to the **On** position.
3. Tap  > **Advanced** > **WPS Push Button**.
4. Press the WPS button on the wireless router, and the access point will recognize your phone and add it to the network.




Method Two: PIN

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Wi-Fi**.
2. Slide the switch to the **On** position.
3. Tap  > **Advanced** > **WPS Pin Entry**.
4. The WPS PIN displays on the screen. Enter the PIN into the access point's setup page.

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

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

Adjusting Advanced Wi-Fi Settings


1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Wi-Fi**.
2. Slide the switch to the **On** position.
3. Tap  or tap  > **Advanced** to adjust the following settings:
 - **Saved networks:** View a list of saved networks.
 - **Network notification:** Enable notifications when Wi-Fi is on and an open network is available.


- **Keep Wi-Fi on during sleep:** Set conditions for keeping Wi-Fi on in Sleep mode.
- **MAC address:** Check the MAC address.
- **IP address:** Check the phone's IP address.
- **Install certificates:** Install certificates needed for connecting to certain Wi-Fi networks.
- **Wi-Fi Direct:** Use the Wi-Fi Direct feature. See *Connecting to Networks and Devices – Connecting to Wi-Fi – Using Wi-Fi Direct*.
- **WPS Push Button:** Connect to a WPS network via the push button method.
- **WPS Pin Entry:** Connect to a WPS network via the phone PIN method.
- **Passpoint:** Slide the switch to enable or disable automatic connection to available Wi-Fi CERTIFIED Passpoint™ access points.
- **Connect to AT&T Wi-Fi spot:** Slide the switch to enable or disable automatic connection to an AT&T Wi-Fi spot when one is available.

Using Wi-Fi Direct

Wi-Fi Direct allows Wi-Fi devices to connect to each other without the need for wireless access points (hotspots).

Connecting to another device via Wi-Fi Direct:

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings > Wi-Fi**.
2. If Wi-Fi is off, slide the switch to the **On** position.

3. Tap  > **Advanced** > **Wi-Fi Direct**. Your phone will search for other devices enabled with Wi-Fi Direct connections.
4. Tap a device name under Peer devices to connect with it. The other device will receive a Wi-Fi Direct connection prompt and need to accept the request for connection. Both devices may need to enter a common PIN. If prompted, tap **ACCEPT**.
5. Once connected, the device is displayed as “Connected.”


Sending data via Wi-Fi Direct:


1. Open the appropriate application and select the file or item you want to share.
2. Select the option for sharing via Wi-Fi Direct. The method may vary by application and data type.
3. Tap a device the phone has connected with.

Connecting to Bluetooth Devices



Bluetooth is a short-range wireless communication technology. Phones or other devices with *Bluetooth* capabilities can exchange information wirelessly within a distance of about 30 feet. The *Bluetooth* devices must be paired before the communication is performed.

Turning Bluetooth On/Off



1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Bluetooth**.
2. Slide the switch to the **On** or **Off** position.

When *Bluetooth* is on, the  icon will appear in the status bar. Your phone will be visible to nearby devices while *Bluetooth* Settings is open.

Changing the Device Name

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Bluetooth**.
2. Slide the switch to the **On** position if *Bluetooth* is off.
3. Tap  > **Rename this device**.
4. Edit the name and tap **RENAME**.

Pairing With Another *Bluetooth* Device



1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Bluetooth**.
2. Slide the switch to the **On** position if *Bluetooth* is off.
Your phone automatically scans for and displays the IDs of all available *Bluetooth* devices in range. Tap  > **Refresh** if you want to scan again.
3. Tap the device you want to pair with.
4. Confirm that the *Bluetooth* passkeys are the same between the two devices and tap **PAIR**. Alternatively, enter a *Bluetooth* passkey and tap **PAIR**.

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

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

Forgetting (Unpairing With) a *Bluetooth* Device

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

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, tap **Settings** > **Bluetooth**, and make sure *Bluetooth* is turned on.
2. In the list of paired devices, tap  beside the *Bluetooth* device you want to forget.
3. Tap **FORGET**.

Sending Data via *Bluetooth*

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

Receiving Data via *Bluetooth*

1. Turn *Bluetooth* on before trying to receive data via *Bluetooth*.
2. Tap **ACCEPT** when the file sharing prompt appears, or swipe down on the status bar and tap **ACCEPT**.


Depending on whether a memory card is installed, received files are stored automatically in a dedicated folder (*Bluetooth*, for instance) in the phone storage or memory directory. You can access them in the File Manager app. Received contacts (vCard files) are automatically imported to your contact list.

Using NFC

Near Field Communication (NFC) allows your phone to exchange data with another NFC-enabled device when they touch or are in close proximity to each other.


Depending on the applications that you have installed on your phone, you might be able to use your phone as a transit pass or access pass. To use this feature, tap the back of your phone against an NFC-enabled access point. Use of this feature is subject to applicable terms and conditions from the particular vendor.

Turning NFC On/Off

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **More**.
2. Tap the **NFC** switch to turn it on or off, as needed.

Exchanging Data via NFC

You can share web pages, contact information, YouTube videos, or other content on your phone with another NFC-capable device using Android Beam.

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **More** > **Android Beam**.
2. If Android Beam is turned off, slide the switch to the **On** position.
3. Open the content you wish to share (for example, a photo in Gallery), and select the option for sharing via **Android Beam**.
4. Place your phone back-to-back with the other NFC-capable device. If the content can be shared, you can tap the screen to send it to the other device.


Note: Some content cannot be shared via Android Beam.

Using Tap and Pay

You can tap and pay with your phone at merchants that accept contactless payments. To use the tap and pay feature, you must turn on NFC (see *Turning NFC On/Off* in this section) and have a payment app (such as Android Pay™) set up on your phone.

If you have more than one app that is capable of tap and pay, you can choose a default app to be used automatically when you tap and pay at a store.

To set your default payment app:

1. Open the payment app and turn on tap and pay.
2. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Tap & pay** > **Payment default**.
3. Select your default payment app and tap **OK**.
4. To select when the default payment app is used, tap **Use default** and select an option: **Except when another payment app is open** or **Always**.

Notes:

- More payment apps are available in the Google Play Store.
- Payment apps must support the tap and pay functionality to appear in the Tap & pay list in Settings.
- Money transfer apps and Android Beam aren't supported.

To turn off tap and pay:

Use one of the following methods to turn off tap and pay:

- Turn off NFC on your phone. (See *Turning NFC On/Off* in this section.) This method will also turn off Android Beam and other NFC features.
- In your payment app, turn off the tap and pay functionality. Not all payment apps support this option.

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 memory card.

Note: If you are using USB tethering, you cannot transfer files between your phone and computer via USB. Turn off USB tethering before attempting to use USB to transfer files. (See *Connecting to Networks and Devices – Sharing Your Mobile Data Connection – Sharing Your Mobile Data Connection via USB.*)

Connecting Your Phone to a Computer via USB

1. Connect your phone to the PC with a USB Type-C cable.
2. Choose one of the following options:
 - **Charge only:** Charge your phone via USB.
 - **Install driver:** Select this option when features are enabled for the first time or when they're unavailable.
 - **Media device (MTP):** Transfer files on Windows® or Mac®.
Note: For Windows XP, install the drivers and Windows Media Player 11 (or later version) when you use Media device (MTP) for the first time.
 - **Camera (PTP):** Transfer photos using camera software.

Note: To make your phone connect to the computer automatically using the selected connection type, check **Don't ask me again**.

Connecting With Windows Media Player

You can sync music, pictures, and videos between your phone and a 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 video, picture, and music files.

Disconnecting Your Phone From the Computer

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

Using the Memory Card as Portable or Internal Storage



You can use your memory card as portable storage for photos, media, and other files so that you don't lose them, or you can format the card for use as internal storage.

Setting Up the Memory Card as Portable Storage

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

Removing the Memory Card (Portable) From Your Phone

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

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Storage**.
2. Tap  next to the card name in the Portable storage section.
3. When the screen prompts the card is safely ejected, you can remove it from the phone.


Erasing and Formatting the Memory Card

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Storage**.
2. Tap the card name in the Portable storage section.
3. Tap **Format** > **ERASE & FORMAT** > **DONE**.

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

Setting Up the Memory Card as Internal Storage

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

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Storage**.
2. Tap the card name in the Portable storage section.
3. Tap **Format as internal** > **ERASE & FORMAT**.

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

4. The phone will prompt you to move your photos, files, and other data from the internal storage to the memory card. Select **Move now** or **Move later** and tap **NEXT**. Follow the on-screen instructions to continue.

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

Moving data between the internal storage and the memory card:


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

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings > Storage**.
2. Tap the card name in the Device storage section.
3. Tap **Migrate data > MOVE > DONE**.

Note: Whenever you move data between the internal storage and the memory card, the destination is used to save new apps and personal data (such as photos and videos) and this destination is only accessible from a computer.

Removing the Memory Card (Internal) From Your Phone


If you need to remove the memory card used as internal storage while the phone is on, you must unmount it first. Before ejecting the card, ensure that you have moved data and apps to the internal storage.

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings > Storage**.
2. Tap the card name in the Device storage section.
3. Tap **Remove SD Card > EJECT**.
4. When the screen prompts the card is safely ejected, you can remove it from the phone.

Reformatting the memory card as portable storage:

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

Notes:

- If the memory card has been ejected, you'll need to mount it first.
 - Before the formatting, ensure that you have moved data and apps to the internal storage.
1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Storage**.
 2. Tap the card name in the Device storage section.
 3. Tap **Format as portable** > **FORMAT** > **DONE**.

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


Sharing Your Mobile Data Connection

You can share your phone's data capabilities through tethering or by activating the Wi-Fi hotspot.

Sharing Your Mobile Data Connection via USB

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


Note: You cannot transfer files between your phone and your computer via USB while the phone is USB tethered.

1. Connect your phone to your computer with a USB cable.
2. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **More**.
3. Tap **USB tethering**. A new network connection will be created on your computer.

Note: To stop sharing your data connection, tap **USB tethering** again or disconnect the USB cable.

Sharing Your Mobile Data Connection via *Bluetooth*

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

1. Pair your phone with your computer via *Bluetooth*.
2. Configure your computer to obtain its network connection via *Bluetooth*. For more information, please see your computer's documents.
3. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **More**.
4. Tap **Bluetooth tethering**. Your computer will begin sharing your phone's data connection.

Note: To stop sharing your data connection, tap **Bluetooth tethering** again.

Sharing Your Mobile Data Connection as a Mobile Hotspot

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


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

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Mobile Hotspot**.

2. Slide the switch to the **On** position. (If Wi-Fi was on, tap **OK** to turn it off.) After a moment, the phone starts broadcasting its Wi-Fi network name (SSID).
3. On another device, locate your phone via Wi-Fi and connect with it to start using the phone's mobile data.

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

Setting Up Your Mobile Hotspot

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Mobile Hotspot**.
2. Tap **Configure** and set the following options:
 - **Network name:** Enter or edit a network SSID (name) that other devices see when scanning for Wi-Fi networks.
 - **Channel:** Choose a channel option.
 - **Security:** Choose a security option, **Open** (not recommended) or **WPA2 PSK** (other users can access your mobile hotspot only if they enter the correct password). When you select **WPA2 PSK**, tap the **Password** field to edit the security password.
 - **Show password:** Check to show or uncheck to hide the password.
 - **Broadcast network name (SSID):** Check to broadcast or uncheck to hide your network SSID. If the broadcast is disabled, other users need to get your network SSID to find the Wi-Fi hotspot.
3. Tap **SAVE** to save your settings.



Connecting to Virtual Private Networks

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

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


Note: You need to set a lock screen pattern, PIN, or password before you can use VPN.

Adding a VPN



1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **More** > **VPN**.
2. Tap .
3. Enter the information provided by your network administrator.
4. Tap **SAVE**.

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

Connecting to a VPN

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **More** > **VPN**.
2. Tap the VPN that you want to connect to.
3. When prompted, enter any requested credentials and tap **CONNECT**.

Modifying a VPN




1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **More** > **VPN**.
2. Tap  next to the VPN that you want to modify.
3. Edit the VPN settings and tap **SAVE**.

Phone Calls

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

Placing and Ending Calls

Placing a Call by Dialing



1. From the home screen, tap  > .
2. Enter the phone number with the dialpad. Tap  to delete incorrect digits.

Note: As you enter the phone number, your phone searches for matching information in your contacts. If you see the number or contact you want to call, tap it to enter it immediately in the phone number field.

3. Tap  below the keypad to dial.

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

Notes:

- To make an international call, press and hold the **0 key** to enter the plus (+) symbol. Next, enter the country code followed by the city/area code and then the phone number.
- To redial the last call you made, tap  when the phone number field is empty to enter the number automatically. Then tap  again.

Ending a Call




During a call, tap  on the screen.

Video Calling

Your phone supports video calling. The Video call and Enhanced LTE Services settings must be enabled before you can place or receive video calls. (See *Phone Calls – Adjusting Your Call Settings – Turning Video Call On or Off* and *Settings – Wireless & Networks – Enhanced LTE Services*.)

Note: Not available in all calls. See carrier for details.

Placing a Video Call

1. From the home screen, tap  > .
2. Enter the phone number with the dialpad.
3. Tap  to place the call.

Note: When Wi-Fi is enabled, your phone can route video calls via Wi-Fi networks automatically, depending on the signal strength of your current Wi-Fi connection.

Switching Between Voice and Video






1. While in a call, tap **Switch call type**, or wait to receive a prompt from the other caller.
2. Select an option (not all will be available for all calls):
 - **Show me:** Switch to a one-way video call, in which the caller sees you, but you don't see them.
 - **Video:** Switch to a two-way video call, in which you and the other caller see one another.
 - **Voice:** Switch to a voice call without video.
 - **Hide me:** Switch to a one-way video call, in which you see the caller, but they don't see you.

Answering or Rejecting Calls

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

Answering a Call




To answer an incoming call,

- If the phone screen is active, tap  (voice call) or  (video call).
- If the phone screen is locked, slide  down to  (voice call) or right to  (video call).




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


Rejecting a Call

To reject an incoming call,

- If the phone screen is active, tap .
- If the phone screen is locked, slide  up to .



You can also reject the call and select a preset text message or write one to send to the caller.

- If the phone screen is active, tap .
- If the phone screen is locked, slide  left to  or tap **Message reject**.


Note: To edit the preset text responses from within the Phone app, tap  > **Settings** > **Quick responses**.




Working With the Call History

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






To open the call history, from the home screen, tap  > **RECENTS**. (If the dialpad is visible, tap  to close it.)


Placing a Call From the Call History

1. Open the call history.
2. Tap a listing, and then tap .



Note: You can tap **View full call history** to see more entries, and then tap , , or  to filter the records by call type.

Taking Other Actions on a Call History Entry

1. Open the call history and tap a listing.
 - Tap  to place a video call to the number.
 - Tap  to create a new contact with the number.
 - Tap  to add the number to an existing contact.
 - Tap  to send a text message to the number.
 - Tap  to view more call information.


Note: You can tap **View full call history** >  > **Clear call history** in the call history screen to delete all calls from your history.

Calling Your Contacts

1. From the home screen, tap  > **CONTACTS**.
2. Tap  beside a contact to make a call.


Checking Voicemail

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

1. From the home screen, tap  > .









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



Notes:

- See *Phone Calls – Adjusting Your Call Settings – Setting Voicemail* for how to set your voicemail service. For detailed information, please contact your service provider.
- From the dialer, tap  to access Visual Voicemail. Contact your service provider for more information.

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

- Tap  to switch call type.
- Tap  to end the current call.

Note: During a video call, tap the screen to see options. Not all options are available during all calls.

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

Managing Multi-party Calls





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

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


Switching Between Current Calls

When you're on a call and another call comes in, your phone screen informs you and displays the caller ID.

To respond to an incoming call while you're on a call:




- Tap  Hold current and answer to answer the call. This places the first caller on hold and answers the second caller.
- Tap  End current and answer to answer the call. This ends the first call and answers the second call.
- Tap  to reject the second call.
- Tap  to reject the second call and select a preset text message or write one to send to the caller.


To switch between two calls:

Tap  to switch to the other call.

Setting Up a Conference Call

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



1. Place the first call.
2. Once you have established the connection, tap  and dial the second number. The first call will be placed on hold.
3. When you're connected to the second party, tap .
4. To end the conference call, tap .

Note: If one of the people you called hangs up, you and the remaining caller stay connected. If you initiated the call and are the first to hang up, all callers are disconnected. To disconnect just one of the calls, tap **Manage conference call**, and then tap  beside the number.

Adjusting Your Call Settings

Setting Contact Display Options

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

1. From the home screen, tap  >  > **Settings > Display options**.
2. Tap **Sort by** or **Name format** to set the order of the contacts and the format of the contact names.



Setting Sounds and Vibration

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

1. From the home screen, tap  >  > **Settings > Sounds and vibration**.

2. Tap the option you want to configure:
 - Tap **Phone ringtone** to select the ringtone for incoming calls.
 - Check **Also vibrate for calls** to enable vibration when ringing.
 - Check **Dialpad tones** to play sounds when you tap the dialpad keys.

Setting Options for Answering and Ending Calls



1. From the home screen, tap  >  > **Settings** > **Answer and end calls**.
2. Tap the option you want to configure:
 - Check **Power button ends call** to enable ending calls by pressing the Power key.
 - Check **Vibrate when call is answered** to enable vibration when a call is answered.

Setting Speed Dials

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

The 1 key is reserved to speed dial your voicemail.



To assign a speed dial key:

1. From the home screen, tap  >  > **Settings** > **Speed dial**.
2. Tap a speed dial key.
3. Enter a phone number or select one from the contact list.
4. Tap **OK**.

Editing Quick Responses to Rejected Callers



1. From the home screen, tap  >  > **Settings** > **Quick responses**.
2. Tap a text message to edit it.

Setting Voicemail

1. From the home screen, tap  >  > **Settings** > **Call settings**.
2. Tap **Voicemail** to configure voicemail settings:
 - Tap **Service** to select the voicemail service provider. Your carrier is the default.
 - Tap **Setup** > **Voicemail number** to edit the voicemail number.
 - Tap **Sound** to select the notification sound for new voicemails.
 - Check **Vibrate** to enable vibration for notification.

Using Fixed Dialing Numbers

The Fixed Dialing Numbers (FDN) feature allows you to restrict outgoing calls to a limited set of phone numbers.

1. From the home screen, tap  >  > **Settings** > **Call settings**.
2. Tap **Fixed Dialing Numbers** and set the following options:
 - **Enable FDN:** Input the PIN2 code to enable the FDN feature.
 - **Change PIN2:** Change the PIN2 code for FDN access.
 - **FDN list:** Manage the FDN list.

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

Forwarding Incoming Calls



Call forwarding allows you to forward your incoming calls to another phone number.

1. From the home screen, tap  >  > **Settings** > **Call settings** > **Call forwarding**.

2. Tap an available option (**Call forwarding-Unconditional**, **Call forwarding-Busy**, **Call forwarding-No reply**, or **Call forwarding-Not reachable**) to enable it.



Setting Call Waiting

This option allows you to get notified of incoming calls during a call.

1. From the home screen, tap  >  > **Settings** > **Call settings** > **Call waiting**.
2. Check **Call waiting** to enable this feature.

Note: Please contact your service provider to check whether the Call waiting feature is available.



Additional Settings

1. From the home screen, tap  >  > **Settings** > **Call settings** > **Additional settings**.
2. Tap **Caller ID** to choose whether your number is displayed when someone receives your outgoing call.

Note: Please contact your service provider to check whether the Caller ID feature is available.

Blocking Certain Calls



Call blocking allows you to block calls and texts from certain numbers.

1. From the home screen, tap  >  > **Settings** > **Call blocking**.
2. Tap **ADD A NUMBER** and enter a number you wish to block.
3. Tap **BLOCK**.

Setting TTY Mode

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

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

1. From the home screen, tap  >  > **Settings** > **Accessibility** > **TTY mode**.
2. Select one of the following options. Consult your TTY device manufacturer's manual, if necessary.
 - **TTY Off:** Users who can hear and talk can disable TTY support.
 - **TTY Full:** Users who cannot talk or hear may use this mode to send and receive text messages through a TTY device.
 - **TTY HCO:** Users who can hear, but cannot talk, may use this mode to listen to the other party and respond via text messages.
 - **TTY VCO:** Users who can talk, but cannot hear, may use this mode to talk through the phone and receive responses via text messages.

Setting Hearing Aid Compatibility



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

1. From the home screen, tap  >  > **Settings** > **Accessibility**.
2. Check **Hearing aids** to turn on hearing aid compatibility.

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


Turning Video Call On or Off

Your phone supports video calling. You can turn this feature on or off.


1. From the home screen, tap  >  > **Settings**.
2. Tap the slider beside **Video call** to turn it on or off.

Contacts

You can add contacts on your phone and synchronize them with the contacts in your Google account or other accounts that support contact syncing.




To see your contacts, tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts**. From there, you can tap the tabs at the top of the screen to quickly switch to favorite contacts or contact groups.

Checking Contact Details

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts** > **CONTACTS**.
2. Scroll through the list to view all your contacts.
3. Tap a contact to view its details.




Note: There is a slider on the right side of the screen. Drag the slider up or down to the initial letter you need.

Adding a New Contact

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts** > **CONTACTS**.
2. Tap  to add a new contact.
3. Tap **Saving to** to choose where to save the contact. You can save the contact on the phone or a web account you have added on the phone.
4. Enter the contact name, phone numbers, email addresses, and other information. Tap **More Fields** for more options.
5. Tap  to save the contact.

Setting Up Your Own Profile




You can create your own name card in your phone.

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts** > **CONTACTS**.
2. Tap **My Info**. If a profile has already been set up, tap the listing below **ME**.
3. Tap  and edit your profile information. Tap **More Fields** to add more details, if you want.
4. Tap  to save.



Importing, Exporting, and Sharing Contacts

You can import/export contacts from/to your nano-SIM card, the phone storage, or a memory card. This is especially useful when you need to transfer contacts between different devices. You can also quickly share your contacts using *Bluetooth*, Wi-Fi Direct, Gmail, or Messaging.

Importing Contacts From the Nano-SIM Card




1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts**.
2. Tap  > **Import/Export** > **Import from SIM card**.
3. Check the contacts you want to import, and then tap .

Importing Contacts From the Memory Card or Phone Storage



1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts**.
2. Tap  > **Import/Export** > **Import from storage**.

3. If prompted, choose to import one, multiple, or all vCard files, and then tap **OK**.
4. If prompted, choose the vCard file(s) you would like to import, and then tap **OK**.




Exporting Contacts to the Nano-SIM Card

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts**.
2. Tap  > **Import/Export** > **Export to SIM card**.
3. Tap the contacts you want to export, and then tap .

Exporting Contacts to the Memory Card or Phone Storage

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts**.
2. Tap  > **Import/Export** > **Export to storage**.
3. The phone will prompt you with the name of the vCard file. Tap **OK** to create the file.


Sharing Contacts

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts** > **CONTACTS**.
2. Tap  > **Multi-select**.
3. Tap to select the contacts you want to share, and then tap .
4. Choose how you want to share the contacts. Options depend on the applications and services installed.



Working With Favorite Contacts

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

Adding a Contact to Favorites


1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts** > **CONTACTS**.
2. Tap a contact, and then tap  at the top of the screen.


Removing a Contact From Favorites

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts** > **FAVORITES**.
2. Tap a favorite contact, and then tap  at the top of the screen.



Working With Groups



Viewing Your Contact Groups

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts** > **GROUPS**.
2. Scroll through the list to view the preset groups and any groups you have created.
3. Tap a group to view its members.



Note: To send a message or an email to all or some of a group's members, you can tap  beside the group's name in the list.

Setting Up a New Group








1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts** > **GROUPS**.
2. Tap  to create a new group.
3. If you have added contact accounts other than the phone, tap to choose an account for the new group.
4. Tap **Group's name** and enter a name.
5. Tap the field below **Member** and select the contacts you wish to be the group members.

6. Tap .
7. If necessary, tap the field below **RingTone** or **Notification sound** to set a special ringtone for incoming calls or messages from the group members, and then tap **OK**.
8. Tap  to save the group.


Deleting a Group


1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts** > **GROUPS**.
2. Tap a group, and then tap  > **Delete group**.
3. Tap **OK** to disband the group. The contacts in the group will not be deleted.

Editing a Group

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts** > **GROUPS**.
2. Tap a group. You can add or remove group members, rename the group, and make other changes.
 - To add members, tap , tap to select contacts you want to add, and tap .
 - To remove members, tap  > **Multi-select**, tap to select members you want to remove, and tap  > **OK**.
 - To make other changes, tap  > **Edit group**, change the name or ringtones, and tap .




Searching for a Contact

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts**.

2. Tap  and enter the contact name or other information (such as phone number) you want to search for. The contacts matched will be listed.




Editing Contacts

Editing Contact Details




1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts** > **CONTACTS**.
2. Tap a contact, and then tap .
3. Edit the contact and tap .

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. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts** > **CONTACTS**.
2. Tap a contact you want to set a ringtone for, and then tap .
3. Tap **More Fields** > **Default ringtone**.
4. Select a ringtone you like, and tap **OK**.
5. Tap .

Deleting Contacts

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts** > **CONTACTS**.
2. Tap  > **Multi-select**.
3. Tap to select the contacts you want to remove.
4. Tap  > **OK**.

Linking Contacts




As your phone synchronizes with multiple online accounts, you may see duplicate entries for the same contact. You can merge all the separate information of a contact into one entry in the Contacts list.

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts** > **CONTACTS**.
2. Tap a contact to display the contact's details.
3. Tap  >  > **Link**.
4. Tap the contact whose information you want to link with the first entry.
5. Tap .

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

Separating Contact Information

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


1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Contacts** > **CONTACTS**.
2. Tap a contact you want to separate.
3. Tap  >  > **Unlink**.
4. Tap **UNLINK** to confirm.

Accounts

Adding or Removing Accounts

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



Adding an Account

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

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



Removing an Account

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

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Accounts**.
2. Tap the account category and then the account you'd like to remove.
3. Tap  > **Remove account** > **REMOVE ACCOUNT**.

Configuring Account Sync



Configuring Auto-sync Settings

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Accounts**.
2. Tap  > **Auto-sync data** > **OK** to enable or disable the auto-sync feature.
 - 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.

Note: You can also turn auto-sync on or off in the Quick Settings menu (see *Knowing the Basics – Managing Notifications – Using Quick Settings*).

Syncing Manually

When auto-sync is turned off, you can sync account data manually.

1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Accounts**.
2. Tap the account category and then the account you want to sync.
3. Tap  > **Sync now**.

Changing an Account's Sync Settings


1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings** > **Accounts**.

2. Tap the account category and then the account. The Sync settings screen appears, showing a list of information the account can sync.
3. When auto-sync is enabled, tap items to turn syncing on or off as you need. Items with syncing turned on will be kept in sync automatically. When auto-sync is disabled, tap an item in the list to sync that type of information between the phone and the web.


Email

From the home screen, tap . Use Gmail to receive and send email from Microsoft Exchange ActiveSync, Gmail, Hotmail, Yahoo!®, and more.


Setting Up the First Email Account



1. From the home screen, tap .
2. Tap **Add an email address**.
3. Select an email type and enter the email address and password.
4. Follow the on-screen instructions to finish setup.
5. When setup is complete, you can tap **TAKE ME TO GMAIL** to view your email inbox or **Add another email address** to set up another account.

Notes:


- You can add more accounts at any time. (See *Email – Adding and Editing Email Accounts*.)
- If you have more than one email account added on the phone, you can switch between them or view all of their new email at once. Open Gmail and tap . Tap an account icon to switch to its inbox, or tap **All inboxes** to see a combined inbox for all of your added accounts.

Writing and Sending an Email

1. Open Gmail and tap .
2. Tap the **To** field and enter a contact name or email address.
3. Enter the email subject and compose the email text.

4. Tap  > **Attach file** to add audio files, images, videos, and other types of files as attachments. (Options may vary by account type.)
5. Tap  at the top of the screen to send the message.

Notes:

- If you have more than one email account added on the phone, tap the **From** field to select the account you want to use to send the message.
- When adding multiple email addresses in the To field, put a comma after each one to separate them.
- In the To field, you can tap  to open the Cc and Bcc fields.

Checking Your Email



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


You can check for new emails manually by dragging down on the message list. To load earlier emails, swipe up to go to the bottom of the message list.

Responding to an Email

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

Replying to or Forwarding an Email


1. Open the email you want to reply to or forward from the Inbox.
2. Choose one of the following:
 - To reply to the sender, tap .
 - To reply to the sender and all recipients of the original message, tap .

- To forward the message, tap ➡.
3. Edit your message and tap .



Marking or Flagging an Email

You can mark an email as read or unread, or flag important emails with a star.

While reading a message,

- Tap  to mark it as unread.
- Tap ☆ to flag it as important.



While in a message list (such as the inbox),

- Tap the circle in front of the message(s) you want, and then tap  to mark them as read or  to mark them as unread.
- Tap ☆ beside any message(s) you want to flag as important.

Note: Tap  > **Starred** to find all messages you have flagged.

Deleting an Email

You can delete a single email after reading it or a batch of emails all at once.

- While reading a message, tap .
- While in a message list (such as the inbox), tap the circle in front of the message(s) you want to delete, and then tap .

Note: If you delete an email by mistake, tap **UNDO**.

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 Gmail and tap  > **Settings**.

2. 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


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

Adding an Email Account

1. Open Gmail and tap  > **Settings** > **Add account**.
2. Follow the prompts to set up the account as you did with the first one.

Note: You can also add accounts from the Settings menu. (See *Accounts – Adding or Removing Accounts*).


Editing an Email Account

1. Open Gmail and tap  > **Settings**.
2. Tap the account you want to edit.
3. Make the changes you want, and press the **Back key** when you're finished.


Note: Options you can edit may vary depending on the account type.

Changing General Email Settings

General settings apply to all email accounts you add.

1. Open Gmail and tap  > **Settings** > **General settings**.
2. Make the changes you want, and press the **Back key** when you're finished.



Messaging

From the home screen, tap . You can use Messaging to exchange text messages (SMS) and multimedia messages (MMS).

Setting Message Backup



This device allows you to back up your messages to the AT&T cloud. When you open the Messaging app for the first time, you can tap **Turn it on** > **OK** to enable backup for up to 90 days.

Notes:


- If you select **Not now** during Messaging setup, you can enable the backup function later. Open Messaging and tap  > **Settings** > **AT&T Messages Backup & Sync** to enable it.
- To restart the backup function, open Messaging and tap  > **Settings** > **More** > **Messages Backup & Sync** > **Restart**.


Using Messaging




Open Messaging. From the main Messaging screen, you can create a new message, search for messages, delete messages, or open an ongoing message thread.

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

Sending a Message

1. On the Messaging screen, tap .
2. Add recipients:
 - Manually enter the recipient's number or the contact name.

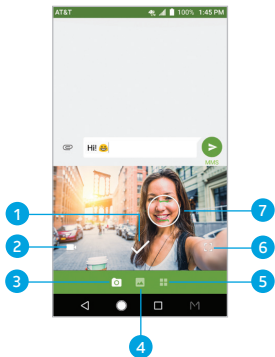
(You can tap  to enter numbers with a dialpad.) If the phone presents a few suggestions, tap the one you want to add.



- Select recipients from your contacts by tapping **FREQUENTS** or **ALL CONTACTS** and tapping a name.
 - To add more recipients, enter another number or contact name, or tap  to select from your contacts.
3. Tap the **Send message** field and enter the content of your text message.
 4. If you want to send a multimedia message, tap  to attach a file to the message. (See *Messaging – Adding an Attachment*.)
 5. Tap .



Notes:

- You can also include email addresses as recipients for a multimedia message.
- Do not add any attachments if you want to send as a text message. Otherwise you may be charged for a multimedia message.


Adding an Attachment



Number	Function
1	Snap a photo; it will be attached instantly.
2	Start recording a video. Tap  to stop recording; the video will be attached instantly.
3	Open the mini camera viewscreen (shown) to capture a new photo or video to attach.
4	Select from photos you've already taken. Tap a photo thumbnail to attach it to the message. Swipe up and tap  to select multiple photos.
5	Select another attachment option: Video, Voice, Recorder, Files, Contacts, or Quick reply.



6	<p>Enlarge the camera viewscreen to full size.</p> <p>Tap  and flip the device over to switch to the back camera.</p> <p>Tap  and flip the device over to return to the front camera.</p>
7	Select a focus area.

Notes:


- Swipe up on the mini viewscreen to enlarge it to full size; swipe down to return to the mini viewscreen.
- You can tap  at the corner of an attachment to remove it from the message.

Replying to a Message




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

1. On the Messaging screen, tap the thread that has the message you want to reply to.
2. Type your reply in the text box at the bottom. You can tap  if you want to reply with an MMS.
3. Tap .


Deleting Messages or Threads

1. On the Messaging screen, press and hold a thread you want to delete. If there are more threads you want to delete, tap them one by one.
-or-
Tap a thread and press and hold the message you want to delete.
2. Tap  > **DELETE**.

Forwarding a Message


1. On the Messaging screen, tap the thread that has the message you want to forward.
2. Press and hold the message, and then tap .
3. Tap an existing thread, or tap  to enter a recipient for the message.
4. Edit the content, if needed.
5. Tap .

Changing Message Settings

Tap  > **Settings** in the Messaging screen to change the messaging settings.


Calendar

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

From the home screen, tap .

Viewing Your Calendars and Events

Selecting Visible Calendars

1. Open the Calendar app.
2. Tap  > **Calendars to display**.
3. Tap to check the calendars you want to see or uncheck the calendars you'd like to hide.


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

Changing Calendar Views

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

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

- In Month view, swipe vertically to see earlier and later months.
- In Week or Day view, swipe horizontally to see earlier and later weeks or days.
- In Agenda view, swipe vertically to see all your events.
- When you are viewing earlier or later days, weeks, or months, tap the date icon at the top right to quickly switch to today.


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

Viewing Event Details

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

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

Creating an Event

1. In any Calendar view, tap  to open an event details screen for a new event.




You can also tap twice on a spot in Day or Week view to add an event to that time slot.

2. Add 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. Different accounts may present different event details fields for you to fill in.

3. Tap **DONE**.



Editing, Deleting, or Sharing an Event

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

Changing Calendar Settings

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



Searching for an Event

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

Browser

Use Chrome™ to view web pages and search for information.




Opening the Browser

1. From the home screen, tap  to launch the web browser.
Note: The web browser also opens when you tap a web link – for example, in an email or a text message.
2. Tap the address box at the top of the web page.
3. Enter the address (URL) of a web page, or enter terms you want to search for.
4. Tap a URL or search suggestion, or tap  on the Google Keyboard to open the web page or search results.


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

From the main Chrome screen, tap  > , or tap  > **New tab**. A new browser tab opens.

Switching Between Tabs

1. Tap  (the number shows how many tabs you have open).
2. Swipe vertically to scroll through the list of opened web pages, and tap the one you want to view.

Note: Tap  or swipe left or right to close a tab.


Downloading Files

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

The downloaded files are saved to your phone or the memory card. You can view or open them in the Downloads section of the File Manager app.

Changing Browser Settings



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

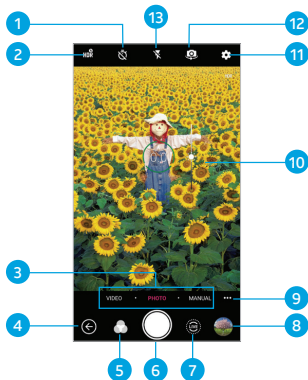
To open the web browser settings screen, open Chrome and tap  > **Settings**.

Camera

You can take photos and record videos. Photos and videos are stored to the phone's internal storage or the memory card. You can copy them to your computer or access them in the Gallery app.

Capturing a Photo

1. From the home screen, tap .
- Note:** You can quickly open the Camera from any screen by double-tapping the **Quick Launch button**.
2. Flip the device over, and then aim the camera at the subject and make any necessary adjustments. PHOTO (automatic camera) mode is used by default.
3. Tap the area on the screen where you want the camera to focus, or let the camera autofocus on the center of the image.
4. Tap .





Number	Function
1	Set a time delay before the camera takes a picture after you tap the shutter icon.
2	Change the High-Dynamic Range (HDR) setting (back camera only).
3	Switch mode: VIDEO (front or back camera), PHOTO (back camera) / SELFIE (front camera), or MANUAL (back camera) / BEAUTIFY (front camera)
4	Exit the camera.
5	Select a color effect or other special effect.
6	Capture a photo.

7	Capture a LIVE photo.
8	View pictures and videos you have taken.
9	Use special photo or video camera modes: PANORAMA, MULTI EXPOSURE, TIMELAPSE, SUPER NIGHT, MAGIC SHUTTER, and SLOW MOTION.
10	Adjust the focus point and exposure.
11	Change the camera settings.
12	Switch between back and front camera.
13	Change the flash setting (back camera only).

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



Notes:

- You can pinch or spread with two fingers on the screen to zoom in or out before taking a picture.
- In PHOTO mode, when you tap the camera to focus, the exposure bar appears beside the focus point. You can drag  up or down to adjust the exposure.
- When you flip the device over to use the front camera, you can tap  to use smile detection.


Using Manual Camera Mode

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

1. From the home screen, tap .

2. Tap **MANUAL**.
3. Aim the camera at the subject. You can make the following adjustments:
 - Drag the green circle to any area on the screen that you want to focus on. Press and hold the circle to lock the focus.
 - Drag the yellow square to any area on the screen where you want the camera to meter exposure to adjust the photo brightness. Press and hold the square to lock exposure.
 - Tap  to unfold more options: shutter speed, ISO, overall exposure, white balance, interval for time-lapse pictures, or focus. (You can also tap one icon to unfold one setting.)
4. Tap  to take the photo.







Using Other Camera Modes

Besides capturing photos and videos in the typical way, the Camera app offers other powerful and interesting modes. Tap  in the viewfinder screen to find them (back camera only).





- **PANORAMA:** Capture panorama photos either horizontally or vertically.
- **MULTI EXPOSURE:** Capture multiple photos to create collages and special effects.
- **TIMELAPSE:** Record time-lapse videos; you can set the time interval between each frame.
- **SUPER NIGHT:** Capture photos in low-light environments.
- **MAGIC EXPOSURE:** Capture long-exposure photos of flowing water, star trails, or car light trails.
- **SLOW MOTION:** Capture slow-motion video clips.

Recording a Video

You can record video clips at normal speed with the front or back camera. The back camera also allows you to record time-lapse videos.

1. From the home screen, tap  > **VIDEO** to capture a normal-speed video.
2. Aim the camera at the subject and make any necessary adjustments. You can tap any area on the screen that you want the camcorder to focus on before and during recording.
3. Tap  to start recording. You can tap  /  to pause or resume recording, or tap  to save the frame as a photo.
4. Tap  to stop recording.

Notes:

- You can pinch or spread two fingers on the screen to zoom in or out before and during recording.
- When you tap the screen to focus during normal-speed recording, the exposure bar appears beside the focus point. You can drag  up or down to adjust the exposure.
- To capture a time-lapse video, tap  > **TIMELAPSE**. Tap  to begin recording and  to stop.

Customizing Camera and Video Settings

Before capturing a photo or video, you can tap  to open the following camera setting options:


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


- **Resolution:** (PHOTO, MANUAL, SELFIE, BEAUTIFY modes) Set the image size for your photo.

- **Video quality:** (VIDEO mode) Set the quality for your video.
- **Tap to capture:** (SELFIE, BEAUTIFY modes) Tap on the screen to take photos.
- **Mirror image:** (SELFIE, BEAUTIFY modes) Save the captured photo as it appears in the preview.
- **Selfie:** (SELFIE, BEAUTIFY modes) Capture natural expressions by looking at the selfie indicator on screen.
- **Auto review:** (PHOTO, MANUAL, SELFIE, BEAUTIFY modes) Adjust settings for auto review, which shows you photos immediately after you take them so that you can delete or share them right away.
- **Metering:** (MANUAL mode) Adjust the light metering setting.
- **Composition:** (MANUAL mode) Show or hide grid or golden spiral (used for balanced photo composition).
- **Gradienter:** (MANUAL mode) Enable or disable the gradienter.
- **Water mark:** (PHOTO mode) Apply a watermark to your photos.
- **Quick launch button capture:** (PHOTO, MANUAL, SELFIE, BEAUTIFY modes) Press the Quick Launch button to capture photos.
- **Shutter tone:** Turn the shutter tone on or off.
- **Video stabilizer:** (VIDEO mode, back camera) Enable or disable Optical Image Stabilization (OIS) for capturing steady videos.
- **Geo-tagging:** Select whether to store the GPS location in your captured photos and videos.
- **Histogram:** (MANUAL mode) Turn the histogram on or off. The histogram shows the brightness and darkness of the current view.

- **Volume key:** (PHOTO, MANUAL, SELFIE, BEAUTIFY modes)
Assign the function of the Volume key for the Camera app:
Take photo, Zoom, or Volume.
- **Anti-banding:** Set the anti-banding value to avoid stripes on the screen when you take pictures or record videos of TV or computer screens.
- **Save location:** Change the storage location for captured photos and videos when a memory card is installed.
- **Help:** Enable the Help icon on the viewfinder screen, or tap More to view help details.
- **Restore defaults:** Restore default camera and video settings.

Music

Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Play Music** to play audio files stored on your phone. Play Music supports a wide variety of audio formats, so it can play music you purchase from online stores, music you copy from your CD collection, and more.

Note: The first time you open Play Music, you can tap **ADD ACCOUNT** to sign in to or create a Google account, or tap **SKIP** to continue to the app without signing in. To sign in later, tap  > **Settings** > **Tap to choose account**.

Copying Music Files to Your Phone

Before using Play Music, you need to copy or download audio files to your phone.

Copying From a Computer

1. Connect your phone to the computer with a USB Type-C cable.
2. Tap **Media device (MTP)** as the connection mode (see *Connecting to Networks and Devices – Connecting to Your Computer via USB*).
3. Copy the music file from the PC to the phone storage or memory card.


Downloading From the Internet

You can download music from various sources, including Google Play Music (requires a Google account).

Receiving via *Bluetooth*

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

Viewing Your Music Library

Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Play Music** >  > **Music library**. You can tap **PLAYLISTS**, **ARTISTS**, **ALBUMS**, **SONGS**, or **GENRES** to find songs organized according to those categories.

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

Playing Music

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




Number	Function
1	Song, album, and artist information. Tap to go back to the music library.
2	Album artwork (if available).
3	Toggle repeat mode: repeat the current song, repeat the playlist, or turn off repeat.
4	Give the song a thumbs-up. It will be added to the automatically created Thumbs up playlist.

5	Playback control. Skip songs or pause and resume playback. Drag the slider to jump to any part of the song.
6	Give the song a thumbs-down. It will immediately be skipped.
7	Play the current playlist in shuffle mode, where tracks are played in random order.
8	View more options.
9	View the current playlist.

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.

- From the playback screen, tap  > **Add to playlist** to add the current song. Tap an existing playlist to add the song to it, or tap **NEW PLAYLIST**, enter a name and (optional) description, and tap **CREATE PLAYLIST**.
- From the music library, tap **PLAYLISTS**, and then tap  > **Delete** beside a playlist to delete it.

Note: Some playlists are automatically created and cannot be deleted.

TV Mode


With TV Mode, you can quickly launch your favorite video app directly from any screen, including the lock screen, so your favorite entertainment is always right at your fingertips.

Setting Up TV Mode

During initial setup of your phone (see *Getting Started – Setting Up Your Phone for the First Time*), you will be guided through setting up TV Mode. You can change these settings later.

1. When prompted during initial setup, tap **SET UP**.
2. Select the video app you want to open when you launch TV Mode, and tap **SAVE**.
3. Tap **FINISH**.

Turning TV Mode On/Off

1. Swipe down from the top of the screen to open the Quick Settings, and tap .
2. Tap the switch to turn TV Mode off.

Note: Tapping  in Quick Settings turns on TV Mode automatically.

Launching TV Mode


It's easy to quickly launch TV Mode:

- Press and hold  on the lock screen.
- Press and hold the **Quick Launch button**.

Note: When you launch some video apps for the first time, you may be prompted to log in to your account.


Switching Between Different Apps

You can change the video app launched by TV Mode at any time.

1. Swipe down from the top of the screen to open the Quick Settings, and tap .
2. Tap a video app in the list to select it, and then tap **DONE**.

Note: If you don't see the video app you wish to use in the list of available TV Mode options, it may be available in the Play Store. (See *Google Play Store*.) After downloading a video app, open Quick Settings and tap **MORE SETTINGS > Search downloaded apps**. Enter the app name, and then tap the app in the list to select it.

Google Play Store

From the home screen, tap . You can buy (or in some cases, rent) music, books, movies, and apps, and download them to your phone.

Notes:

- You must sign in to a Google account to use Google Play Store.
- The content you can access in Google Play Store depends on your region and your service provider.

Browsing and Searching for Apps

You can browse apps by category. Tap **APPS & GAMES**, and then swipe to view subcategories and apps. Tap an app to learn more about it.


You can also search for apps by name, description, or developer. Tap the search field at the top of the screen, and enter the search terms.

Downloading and Installing Apps

1. When you find an app you wish to download and install, tap it to open its details screen.
2. Tap **INSTALL** (free apps) or the price (paid apps). If the app is not free, you will need to add a payment method.

Caution: Once installed, some apps can access device functions or a significant amount of your personal data. To learn what the app can access, swipe up on the app details screen and tap **Permission details**. You can manage app permissions for installed apps. (See *Settings – Device – Apps*.)


3. Wait for the app to be downloaded and installed automatically. Payment needs to be authorized before paid apps start downloading.

After the app is successfully installed, you can find it on your phone after tapping the **Arrow**  or swiping up from the bottom of the home screen.


Managing Your Downloads

After you've downloaded and installed an app, you can rate it, update it, and more.

View Your Installed Apps

1. In the Play Store screen, tap  > **My apps & games** > **INSTALLED**.
2. Tap an app to view its details screen, or tap **UPDATE** (if shown) to apply a pending update.


Uninstall an App

1. In the Play Store screen, tap  > **My apps & games** > **INSTALLED**.
2. Tap an app to view its details screen.
3. Tap **UNINSTALL** > **OK**.



Note: The preinstalled apps can't be uninstalled.

More Apps


Clock

Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Clock**. The Clock app allows you to check local time in places around the world, set alarms, and use timers.

Setting a New Alarm

1. Open the Clock app and tap .
2. Tap a default alarm to configure it, or tap  at the bottom of the screen to create a new alarm.
3. Tap the clock to set the alarm time, and then tap **OK**.



Notes:

- To enable or disable existing alarms directly, tap the switch to the right of each alarm.
- Tap  > **Settings** to configure alarm settings.

Using World Time


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

Using Stopwatch and Countdown

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

File Manager

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







Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **File Manager**. You can find the file you need by tapping a category, or browse folders and files by tapping **Storage Space** to view the phone storage or **SD Card** to view the memory card (if one is installed).

- Tap folders and files to access stored items.
- Press and hold an item for more options, such as share or delete. (Options may vary.)

Sound Recorder

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

Recording a Voice Memo


1. Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Sound Recorder**.
2. Tap  to turn high-quality recording mode on or off.
3. Tap  to start recording. Tap  /  to pause or continue the recording.
4. Tap  to stop recording. The memo is automatically saved.

Playing a Voice Memo

To play a memo you just recorded:





Tap  at the bottom of the screen.

To play 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.

Editing a Voice Memo

You can trim a voice recording.

1. While playing a recording, tap  to open the editing screen.
2. Drag  (start) and  (end) to trim the recording.
3. Tap  to preview the trimmed recording.
4. Tap **Trim** to save your changes; a new file will be created.
5. You can also tap **Share** or **Set as ringtone**.

Note: Tap  in the list of All Recordings to delete, share, rename, tag, trim, view details, or set as ringtone.

Google Apps


Open these apps to use Google services. Some Google apps can be found in the Google folder on the home screen.

Note: Some contents or Google services may not be available in certain regions. Some apps will require you to sign in to your Google account.

- **Chrome™:** Use Chrome to browse the Internet and to sync your bookmarks, browsing history, and more with your Google account.
- **Docs/Sheets/Slides:** Create, view, edit, share, and collaborate on documents, spreadsheets, and slide presentations.
- **Drive:** Store files on Google servers for free. You can access them on computers, phones, and other devices, share them, and collaborate with others.

- **Gmail:** Send and receive emails via your Gmail account or other email accounts.
- **Google:** Use Google search or get information when you need it with the Google feed.
- **Maps:** Find your place and find your way in the world.
- **Photos:** Manage photos on the phone and your Google account.
- **Play Movies & TV:** Purchase, download and watch the latest and your favorite movies and TV shows.
- **Play Music:** Play music on the phone and from your Google account.
- **Play Store:** Buy and download apps, games, and other content from the Google Play Store.
- **Voice Search:** Search for information with your voice.
- **YouTube™:** Watch video clips from YouTube.com, or upload your own and share with the world.

Settings

Tap the **Arrow**  or swipe up from the bottom of the home screen, and tap **Settings**. Settings contains most of the tools for customizing and configuring your device.

Wireless & Networks

Wi-Fi

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

Bluetooth

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

Mobile Networks

Enable or disable data service, allow data services while roaming, or set access point names for data access (see *Connecting to Networks and Devices – Connecting to Mobile Networks*).

Mobile Hotspot

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

Data Usage

Tap the **Cellular data** switch to turn mobile data on or off.

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

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

Airplane Mode

Tap **More > Airplane mode** to enable or disable this feature. When Airplane mode is on, Wi-Fi and cellular connections are turned off.

Enhanced LTE Services

Tap **More > Enhanced LTE Services** to enable or disable HD Voice and advanced communication services, where available.

USB Tethering

Tap **More > USB tethering** to share your phone's mobile data connection with computers or other devices via USB (see *Connecting to Networks and Devices – Sharing Your Mobile Data Connection – Sharing Your Mobile Data Connection via USB*).

Bluetooth Tethering

Tap **More > Bluetooth tethering** to access the Internet on your computer via the *Bluetooth* tethering feature of your phone (see *Connecting to Networks and Devices – Sharing Your Mobile Data Connection – Sharing Your Mobile Data Connection via Bluetooth*).

NFC

Tap **More**, and then tap the **NFC** switch to turn this feature on or off. When NFC is on, you can exchange data with another NFC-enabled device when they touch each other or are in close proximity. (See *Connecting to Networks and Devices – Using NFC*.)

Android Beam

Tap **More > Android Beam**, and then tap the switch to turn this feature on or off. (NFC must be enabled.) When Android Beam is on, you can share web pages, contact information, YouTube videos, or other content on your phone with another NFC-capable device. (See *Connecting to Networks and Devices – Using NFC – Exchanging Data via NFC*.)

VPN

Tap **More > VPN** to set up and connect to virtual private networks (see *Connecting to Networks and Devices – Connecting to Virtual Private Networks*).

Network Settings Reset

Tap **More > Network settings reset > RESET SETTINGS** to restore the default network settings.

Device

TV Mode

Turn TV Mode on or off and switch between different video apps (see *TV Mode*).

Quick Launch Button

By default, pressing and holding the Quick Launch button launches TV Mode. You can change the following settings:

- **Double-tap for Camera:** Enable or disable double-tapping the Quick Launch button to open the Camera app.
- **Long press:** Select the app that is launched when you press and hold the Quick Launch button.

Gestures

Configure options for controlling your device with gestures.

- **Take a screenshot:** Enable or disable capturing a screenshot by pinching with three fingers on the screen.
- **Switch frequent modes:** Enable or disable swiping left or right in the navigation bar to switch between screen modes.
- **Switch screens in dual mode:** Enable or disable switching screens in Dual mode by swiping three fingers across the screens.


Display

- **Force apps to work with Dual-screen:** When enabled, forces all apps to work with Dual screen mode, whether or not they support it.
- **Extend Mode for all apps:** When enabled, forces all apps to work with Extended screen mode, whether or not they support it.
- **Brightness level:** Set the brightness of the display.
- **Adaptive brightness:** Automatically adjust screen brightness.
- **Night Light:** Manage the Night Light function. Night Light tints your screen amber. This makes it easier to look at your screen or read in dim light, and may help you fall asleep more easily.

- **Wallpaper:** Select a background image for the home screen and/or the lock screen.
- **Theme:** Select a theme for the device.
- **Sleep:** Set the length of time of inactivity before the screen turns off automatically.
- **Screen saver:** Manage the Screen saver function. When this feature is enabled, photos or animations will be displayed as a screensaver.
- **Ambient display:** Tap to enable/disable this feature, which causes the screen to wake when you receive notifications.
- **Font size:** Set the font size of the text on the screen.
- **Display size:** Set the size of the items on the screen.
- **Auto-rotate screen:** Select whether the screen contents should rotate when the phone is rotated.
- **Pulse notification light:** Tap to enable/disable this feature, which causes the Indicator light to flash to notify you of missed calls, new messages, and other events.

Notifications

Control the display of notifications.

- Tap  > **On the lock screen** to enable/disable notification display on the lock screen.
- Tap an app to control its notifications. You can turn its notifications off, allow them in Do not disturb mode, allow pop-up display, or hide content on the lock screen. Options depend on the app.

Note: The notifications of some apps cannot be turned off. Content hiding is available only if you have set a pattern, PIN, or password screen lock.

Sound

Adjust different types of volume (see *Personalizing – Adjusting Volumes*), manage Dolby Atmos and Headset HiFi settings, select notification mode (see *Personalizing – Switching to Silent or Vibration Mode*), enable vibration when a call is answered, manage Do not disturb settings (see *Personalizing – Using Do Not Disturb Mode*), set ringtone, notification, and alarm sounds (see *Personalizing – Changing the Ringtone and Notification Sound*), or select system sounds (see *Personalizing – Turning System Sounds On/Off*).

Apps

See apps installed on your phone and manage them.

Tap an app to see its information. The following options may be available:

- **FORCE STOP:** Stop the app.
- **UNINSTALL:** Uninstall the app.
- **DISABLE/ENABLE:** Disable or enable the app.
- **Storage:** Check its storage information, and clear its data or cache.
- **Data usage:** Check data used by the app during a specified time cycle, and change background data restriction settings.
- **Permissions:** Check or change the app permissions.
- **Notifications:** Manage the app notifications.
- **Open by default:** Manage app link settings and clear defaults.
- **Memory:** Check memory use details.

Note: Not all options are available for each app.


Storage

Check memory information for your external memory card and internal storage. You can choose the default location for new data, such as downloaded files and captured photos.

- **Save location:** Select the default location for new data, such as files downloaded, photos captured, and voice recorded.
- **Device storage:** Tap **Phone > Used space** to get a detailed breakdown of space usage by type. Tap a data type to see more information or delete the files you do not need.
- **Portable storage:** Manage the memory card, if one is installed (see *Connecting to Networks and Devices – Using the Memory Card as Portable or Internal Storage*).

Battery

View the battery level, check what has been using the battery, and optimize battery use.

- Tap an app or service to adjust its settings to save battery life. For example, tap **Screen > Reduce the screen brightness and/or screen timeout** to change screen brightness and sleep.
- Tap  > **Battery optimization**. Battery optimization helps prolong battery standby time when you're not using the phone. To turn battery optimization off for specific apps, tap **Not optimized > All apps**, tap the app name, and then tap **Don't optimize > DONE**.
- Tap **Battery saver**. You can turn battery saver on or off or configure it to turn on automatically in order to reduce battery use and improve battery life.

Memory

View average memory use and monitor which apps use the most memory.

Tap & Pay

(This menu is visible only when NFC is enabled.) You can tap and pay with your phone at merchants that accept contactless payments. (See *Connecting to Networks and Devices – Using NFC – Using Tap and Pay*.)

Flashlight

Turn the flashlight function on or off. When on, the flash on the front of the device lights up.

Caution: For your safety, do not look directly into the light.

Connect to PC

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

Personal

Location

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

1. Slide the switch to turn location services on or off.
2. When location access is enabled, tap **Mode** to select a location mode:
 - **High accuracy:** Get accurate location using both GPS and Wi-Fi as well as mobile networks.

- **Battery saving:** Use only Wi-Fi and mobile networks to get your approximate location. This will drain less power from your battery than using GPS.
- **Device only:** Use GPS to pinpoint your location.

In the Location menu, tap **Google Location History** or **Google Location Sharing** to configure Google location options (Google account required).

Security

- **Screen lock:** Lock the screen with long press, pattern, PIN, or password (see *Personalizing – Protecting Your Phone With Screen Locks*).
- **Fingerprint:** Register up to five fingerprints and enable them to unlock the phone or quickly open a selected app. Enable pressing the Power key/Fingerprint sensor to take a photo or answer incoming calls (see *Personalizing – Using Your Fingerprint*).
- **Smart Lock:** Keep the phone unlocked when connected to trusted devices, in trusted places, when unlocked by trusted faces or voices, or when being carried on the body.
Note: You need to set up a screen lock on the phone to use the Smart Lock feature.
- **Encrypt phone:** Your phone is already encrypted.
- **Set up SIM card lock:** Lock the nano-SIM card and change the SIM PIN.
 - **Lock SIM card:** Activate or deactivate the PIN lock to require PIN before accessing the nano-SIM card.
 - **Change SIM PIN:** Change the PIN used to access the nano-SIM card.

Note: Put all your confidential passwords in a safe place for future use. If you enter the wrong SIM PIN more times than allowed, your nano-SIM card will be locked and you cannot access the mobile phone network. Contact your operator for a PIN Unlock Key (PUK) to restore the nano-SIM card.

- **Make passwords visible:** Display passwords as you enter them.
- **Device administrators:** View or deactivate apps you have authorized to be device administrators.
- **Unknown sources:** Permit installation of apps from sources other than the Play Store.
- **Storage type:** Check the credential storage type.
- **Trusted credentials:** Display trusted CA certificates.
- **User credentials:** View and modify stored credentials.
- **Install from SD card:** Install certificates from the memory card.
- **Clear credentials:** Delete all certificates.
- **Trust agents:** View or deactivate trust agents.
- **Screen pinning:** Keep a screen of your choice in view so others cannot switch apps and access personal information. (See *Personalizing – Protecting Your Phone With Screen Pinning*.)
- **Apps with usage access:** Turn on or off some apps' access to your phone usage information.

Accounts

Manage your accounts and synchronization. Tap **Add account** to sign in to or create accounts on your phone.

Tap an account type to see accounts of that type you have added and adjust their settings.

Google

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

Languages & Input

- **Languages:** Select a language for your system.
- **Spell checker:** Enable Google Spell Checker to check for spelling errors when entering text, and change its settings.
- **Personal dictionary:** Add new words to the phone's dictionary or remove words from the dictionary. The words you add are used for spelling check and word suggestion.
- **Keyboard and input methods:** Configure text input settings. (See *Knowing the Basics – Entering Text – Managing Input Method Settings*.)
- **Text-to-speech output**
 - **Preferred engine:** Select the speech synthesis engine you want to use, or change its settings.
 - **Speech rate:** Select how quickly you want the synthesizer to speak.
 - **Pitch:** Drag the slider to adjust the pitch of spoken text.
 - **Reset speech rate:** Reset the speed at which the text is spoken to normal.
 - **Reset speech pitch:** Reset the pitch at which the text is spoken to default.
 - **Listen to an example:** Play a brief sample of the speech synthesizer using your current settings.

- **Default language status:** Check whether the text-to-speech output feature supports the current system language.
- **Pointer speed:** Select how fast the pointer/mouse should scroll when you connect the phone to a trackpad or mouse accessory.

Backup & Reset

- **Back up my data:** Back up app data, Wi-Fi passwords, and other settings to Google servers after you sign in to your Google account.
- **Backup account:** Set the Google account that data is backed up to.
- **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 data in the internal storage will be erased. You can also erase the data on the memory card during the process.

System

Date & Time

Set date, time, time zone, and time format, or use network-provided data (see *Personalizing – Setting the Date and Time*).

Accessibility

Configure the system accessibility services and plug-ins on your phone, such as using **Color inversion** or **Display size** for users with low vision.

Printing

Manage printer plug-ins installed from the Play Store or your printer manufacturer.

AT&T Software Update

Check for available software updates for your device.

About Phone

View phone status, legal information, and other information.

You can also tap **Additional system updates** > **Storage card updates** to install updates from update packages copied to the storage card.

Troubleshooting

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










Problem	Possible causes	Possible solution
Poor reception	The network signal is too weak at your current location (for example, in a basement or near a tall building), because wireless transmissions cannot effectively reach it.	Move to a location where the network signal can be properly received.
	The network is busy at the current time (for example, during peak times, there may be too much network traffic to handle additional calls).	Avoid using the phone at such times, or try again after waiting a short time.
	You are too far away from a base station for your service provider.	You can request a service area map from your service provider.
Echo or noise	Poor network link quality on the part of your service provider.	End the call and dial again. You may be switched to a better-quality network link or phone line.
	Poor local telephone line quality.	End the call and dial again. You may be switched to a better-quality network link or phone line.
Unable to select certain features	Your service provider does not support these features, or you have not applied for services that provide these features.	Contact your service provider.






Problem	Possible causes	Possible solution
Battery not charging	The battery or battery charger is damaged.	Contact the dealer.
	The phone's temperature is below 32°F (0°C) or higher than 113°F (45°C).	Adjust the battery charging environment to avoid extremes of temperature.
	Poor contact between the battery and charger.	Check all connectors to make sure all connections have been properly made.
Shortened standby time	The standby time is related to your service provider system configuration. The same phone used with different service providers' systems will not provide exactly the same length of standby time.	If you are located in an area where signal is weak, temporarily power off the phone.
	The battery is depleted. In high-temperature environments, battery life will be shortened.	Contact the dealer to change the battery.
	If you are not able to connect to the network, the phone will continue to send out signals as it attempts to locate a base station. Doing so consumes battery power and will consequently shorten standby time.	Change your location to one where the network is accessible, or temporarily turn off your phone.
Cannot turn your phone on	Battery power has been depleted.	Recharge the phone's battery.

Problem	Possible causes	Possible solution
Nano-SIM card error	The nano-SIM card has malfunctioned or is damaged.	Take the nano-SIM card to your service provider for testing.
	The nano-SIM card is inserted improperly.	Insert the nano-SIM card properly.
	Debris is on the nano-SIM card contacts.	Use a soft, dry cloth to clean the nano-SIM card contacts.
Unable to connect to the network	The nano-SIM card is invalid.	Contact your service provider.
	You are not within the network's service area.	Check the service area with your service provider.
	Poor signal.	Move to an open space, or if you are inside a building, move closer to a window.
Cannot make outgoing calls	You have activated the Fixed Dialing Numbers feature.	Disable this feature. See <i>Phone Calls – Adjusting Your Call Settings – Using Fixed Dialing Numbers</i> .
PIN Code blocked	You have entered an incorrect PIN code three consecutive times.	Contact your service provider.
Phone crashes, reboots, freezes, or cannot be powered on	Some third-party software is not compatible with your phone.	Uninstall the software that may be causing the problem.
		Upgrade the phone software.
		Reset the phone to factory status.

For Your Safety

General Safety

	Don't make or receive phone calls while driving. Never text while driving.
	Keep your phone at least 10 mm (0.4 in.) away from your ear or body while making calls.
	Small parts may cause choking.
	Your phone can produce a loud sound.
	Avoid contact with anything magnetic.
	Keep away from pacemakers and other electronic medical devices.
	Turn off when asked to in hospitals and medical facilities.
	Turn off when told to in aircrafts and airports.
	Turn off when near explosive materials or liquids.

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

FCC RF Exposure Information (SAR)

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

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

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

Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on **FCC ID: SRQ-Z999**.

For this device, the highest reported SAR value for usage against the head is **1.05 W/kg**, for usage near the body is **1.20 W/kg**.

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

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

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

FCC Regulations

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

This mobile phone has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with

the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

Hearing Aid Compatibility (HAC) Regulations for Mobile Phones

In 2003, the FCC adopted rules to make digital wireless telephones compatible with hearing aids and cochlear implants. Although analog wireless phones do not usually cause interference with hearing aids or cochlear implants, digital wireless phones sometimes do because of electromagnetic energy emitted by the phone's antenna, backlight, or other components. Your phone is compliant with FCC HAC regulations (ANSI C63.19-2011). While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise.

Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate. The wireless telephone industry has developed a rating system for wireless phones to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box. The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

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

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

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T

Switch” or “Telephone Switch”) than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Your phone meets the M4/T4 level rating.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. For more information about FCC Hearing Aid Compatibility, please go to <http://www.fcc.gov/cgb/dro>.

Distraction

Driving

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

Operating Machinery

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

Small Children

Do not leave your phone and its accessories within the reach of small children or allow them to play with it.

They could hurt themselves or others, or could accidentally damage the phone.

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

Demagnetization

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

Electrostatic Discharge (ESD)

Do not touch the nano-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, as an airbag inflates with great force and serious injury could result.

Store the phone safely before driving your vehicle.

Seizures/Blackouts

The phone can produce a bright or flashing light. A small percentage of people may be susceptible to blackouts or seizures (even if they have never had one before) when exposed to flashing lights or light patterns, such as when playing games or watching video. If you have experienced seizures or blackouts or have a family history of such occurrences, please consult a physician.

Repetitive Strain Injuries

To minimize the risk of Repetitive Strain Injury (RSI) when texting or playing games with your phone:

- Do not grip the phone too tightly.
- Press the buttons lightly.
- Use the special features that are designed to minimize pressing buttons, such as Message Templates and Predictive Text.
- Take many breaks to stretch and relax.

Emergency Calls

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

Loud Noise

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

Phone Heating

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

Electrical Safety

Accessories

Use only approved accessories.

Do not connect with incompatible products or accessories.

Take care not to touch or allow metal objects, such as coins or key rings, to contact or short-circuit in the battery terminals.

Never puncture the surface of the battery with sharp objects.

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 accessories) has been submerged in water, punctured, or subjected to a severe fall, do not use it until you have taken it to be checked at an authorized service center.

CTIA Requirements

- Do not disassemble or open; crush, bend or deform; puncture or shred.

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

Radio Frequency Interference

General Statement on Interference

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

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 cm (6 in.) 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

Power 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

Power 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 airplane mode, this must be enabled prior to boarding an aircraft.

Interference in Cars

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

Explosive Environments

Gas Stations and Explosive Atmospheres

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

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

Blasting Caps and Areas

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

Warranty

ZTE offers you a limited warranty that the enclosed subscriber unit and its enclosed accessories will be free from defects in material and workmanship for a period that expires two years from the date of sale of the Product to you, provided that you are the original end user purchaser of the Product and provided that your purchase was made from a supplier authorized by the Seller. Transfer or resale of a Product will automatically terminate warranty coverage with respect to that Product. This limited warranty is not transferable to any third party, including but not limited to any subsequent purchaser or owner of the Product. This limited warranty is applicable only to end users in the United States.

1. This product is warranted for 24 (twenty-four) months from date of purchase and includes benefits of the Axon M Passport program. Go to www.zteusa.com/passportM to view your benefits.
2. For warranty service information, please call ZTE service number 1-800-617-5065 (Toll Free). The manufacturer's website, <http://www.zteusa.com>, is also available for assistance.
3. This warranty only applies if the product has been used in accordance with the manufacturer's instructions under normal use and with reasonable care.
4. What this warranty does not cover:
 - a) Defects or damages resulting from the misuse of this product.

- b) Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture, dampness or corrosive environments, unauthorized modifications, unauthorized repair, neglect, rough handling, abuse, accident, alteration, improper installation, incorrect voltage application, food or liquid spillage, acts of God.
- c) Normal wear and tear.
- d) If the Product has been opened, modified, or repaired by anyone other than a warranty service center, or if it is repaired using unauthorized spare parts.
- e) If the serial number or mobile accessory date code has been removed, erased, defaced, altered, or is illegible in any way subject to sole judgment of ZTE.

LIMITED WARRANTY

TO THE EXTENT PERMITTED BY APPLICABLE LAW, THIS LIMITED WARRANTY IS YOUR SOLE AND EXCLUSIVE REMEDY AGAINST ZTE AND ZTE'S SOLE AND EXCLUSIVE LIABILITY IN RESPECT OF DEFECTS IN PRODUCT. HOWEVER, THIS LIMITED WARRANTY SHALL NOT EXCLUDE NOR LIMIT ANY OF YOUR LEGAL (STATUTORY) RIGHTS UNDER THE APPLICABLE NATIONAL LAWS.

TO THE EXTENT PERMITTED BY APPLICABLE LAW, ZTE DOES NOT ASSUME ANY LIABILITY FOR LOSS OF OR DAMAGE TO OR CORRUPTION OF DATA, FOR ANY LOSS OF PROFIT, LOSS OF USE OF PRODUCTS OR FUNCTIONALITY, LOSS OF BUSINESS, LOSS OF REVENUES OR LOSS OF ANTICIPATED PROFIT, INCREASED COSTS OR EXPENSES, OR FOR ANY INDIRECT, SPECIAL,

OR CONSEQUENTIAL LOSS OR DAMAGE. TO THE EXTENT PERMITTED BY APPLICABLE LAW, ZTE'S LIABILITY SHALL BE LIMITED TO THE PURCHASE VALUE OF THE PRODUCT.

THE ABOVE LIMITATIONS SHALL NOT APPLY TO DEATH OR PERSONAL INJURY CAUSED BY DEFECT OF PRODUCT IN MATERIAL, DESIGN, AND WORKMANSHIP.

How to Get Warranty Service

To obtain warranty service, please call 1-800-617-5065. Please have the following information available when you send the device in for repair:

- A valid Proof of Purchase
- Return address
- Daytime phone number or fax number
- Model number
- IMEI number
- Complete description of the problem
- Transportation prepaid

Other Warranty Programs

You may have other warranty programs with your purchase, such as warranty exchange. If so, please refer to equipment package or the original point of sale.

Specifications

Handset specifications are shown in the following table:

Operating system	Android™ 7.1.2 (Nougat)
Network frequency	LTE: B2/B4/B5/B12/B29/B30/B66 HSPA: 850/1900/AWS GSM/EDGE: 850/900/1800/1900
Processor	Qualcomm MSM8996 Pro Quad-core 2.15 GHz
Dimensions	5.94" (H) x 2.82" (W) x 0.48" (D)
Weight	8.1 oz.
Display	Dual 5.2" Full HD 1920 x 1080
Camera	20 MP
Video capture	4K (3840 x 2160), 30 fps
Memory	64 GB ROM + 4 GB RAM; Supports microSD™ card up to 256 GB
Battery	3,180 mAh (nonremovable)
Connectivity	Wi-Fi 802.11 a/b/g/n/ac, 2.5 GHz & 5 GHz <i>Bluetooth 4.2</i>
Continuous idle time	Up to 11.88 days
Continuous talk time	Up to 28.7 hours
Charge time	2.05 hours

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.

Notes

