SN512A/C User Manual

Getting Started

The topics in this section will introduce you to your phone, help you get set up with service, provide an overview of the phone screen, and get you started with basic phone operations.

Introduction

The following topics describe the basics of using this guide and your new phone.

About the user guide

Thank you for purchasing your new SN512A/C Smartphone.The following topics explain how best to use this guide to get the most out of your phone.

Before using your phone

Read the Safety Information Guide that came with your device thoroughly for proper usage. Accessible services may be limited by subscription contract conditions.

Descriptions in the user guide

Note that most descriptions in this guide are based on your phone's setup at the time of purchase. Unless otherwise noted, instructions begin from the phone's Home screen, which is displayed by pressing the Home butlon. Some operation descriptions may be simplified.

Screenshots and key labels

Screenshots and other illustrations in this user guide may appear differently on your phone. Key labels are simplified for description purposes and differ from your phone's display.

Other notations

In the user guide, the phone may be referred to either as "phone,""device," or"handset." A microSDIM or microSDHCTM card is referred to as an "SD card" or a "memory card."

Set up your phone

The following topics give you all the information you need to set up your phone and wireless service for the first time.

Parts and functions

These topics illustrate your phone's primary parts and key functions.

Note: Your phone's screens and app layouts are subject to change. This user guide uses sample images only.

Part	Description
Fingerprint sensor	Unlock your phone with a touch of your finger.
Eject SIM tray	Insert the SIM Card Tray Pin into the card tray slot and remove the SIM card tray.
SIM tray	Insert your Nano SIM card and microSD for service and additional storage.
Flash	Brighten photos taken indoors or at night. Use as a flashlight to see in dark areas.
Front camera	Take pictures and record videos while facing the screen with a 8MP lens.

Part	Description
Rear camera	Take pictures and record videos with an 50MP+2MP+8MP lens.
Headset port	Plug in a headset(sold separately) to listen to music or for convenient, handsfree conversations.
Microphone	Transmit your voice electronically for a call, voice recording, or Google AssistantTM
Power key	Press and hold to turn the phone on. Press to turn the screen on or off. Press and hold for 3 seconds to access Google AssistanfM. Press along with the Volume up key to choose to turn the phone off or restart the phone. You can also press and hold to restart the phone automatically. Press along with the Volume down key to take a screenshot.
Proximity and light sensor	A sensor will automatically dim or brighten the screen according to the environment.
Receiver	Hear the caller and automated prompts
Speaker	Listen to calls, automated prompts, and music.
Touch screen	View information needed to operate your phone. Access your phone's features and applications
USB charging & accessory port	Connect the USB cable (included) for charging or connect other accessories.
Volume keys	Adjust the volume for ringtones, media, notifications, and system sounds.

CAUTION! Inserting an accessory into the incorect jack may damage the phone.

Battery use

1.This phone battery is not removable.

2.Promptly dispose of used batteries in accordance with local regulations

3.Do not replace an embedded battery pack. Improper replacement may present a risk of fire, explosion, leakage or other hazard. Contact the manufacturer for replacement instructions.

4.The device recognizes the battery via battery part number.

Battery cautions

Storage: Avoid storing or leaving the phone with no charge remaining. Saved information and settings may become lost or changed, or the battery may become unusable. Charge once every six months before storing or leaving unused for a long period of time.

Charge the battery

Follow these instructions to charge your phone's battery using either the included AC adapter or via USB connection on your computer.

Charge using the AC adapter

1. Connect one end of the data cable to the USB port located on the bottom of your phone.
2. Connect the other end to the power adapter.
3. Connect the power adapter to an electrical outlet to fully charge your phone.

Use the power adapter that comes with your phone; using other adapters may damage your phone.

- Charging your phone with a USB cable connected to a laptop will take longer than with the power adapter.
- The phone will power off automatically when the battery is too low.Charge the battery if this happens. When the battery is aritically low, the phone may need a few minutes to build a charge before turning back on. Playing games or performing other activities
  while charging may drain the battery and cause it to power off.
- The battery will gradually discharge if it is left unused for a long period of time. Before using the battery again, youmust recharge it to power on and use your phone normally.

Install a SIM/SD Card

Insert a Nano SIM/microSD card

1. Insert the SIM pin tool(included) into the small hole below the SIM card tray and press until the trayejects.Remove SIM card tray.
2. Place the Nano SIM card(included) and MicroSD card(sold separately) into the tray.
3. Gently slide the card tray back into the slot.

Mount an SD card

1. With an SD card inserted, swipe up from the Home screen to access Apps and tap Settings.
2. Tap Storage and select DISK from the drop down menu.
3. Tap SET UP and follow the prompts to complete the set up.

Unmount an SD card

Always unmount an SD card before removing it from your phone to avoid corupting or damaging the files on the SD card.

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap Storage and select your SD card from the drop down menu.
3. Tap Menu in the top righthand corner and select Eject.

Your SD card is now safely unmounted. To use this SD card again, you will need to remove (see below) and mount it again.

Remove an SD card

1. Insert the SIM Card Tray Pin into the card tray slot and remove the SIM card tray.Pull out the card tray slot and remove the SD card.

Format an SD card

When you insert an optional SD card for the first time, it is recommended that you format it on your phone.

Note: Formatting your SD card will erase all files on the card. Make sure to back up your files in another location before formatting.

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap Storage>SD CARD.
3. Tap Menu>Storage settings.
4. Select Format or Format as internal, then tap FORMAT SD CARD to confirm.

All data on the SD card will be erased, and the card will be formatted for use on your phone.

Turn your phone on and off

The instructions below explain how to turn your phone on and off.

Turn your phone on

Press and hold the Power key until the device turns on.

Turn your phone off

1. Press and hold the Power key along with the Volume up key.
2. Tap Power off.

Restart your phone

1. Press and hold the Powerkey along with the Volume up key.
2. **Tap Restart**

Use the touch screen

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

Tap or touch

Tap or touch with your finger to type characters into the on-screen keyboard, select and open applications and settings, or press on-screen butons.

Touch and hold

Touch and hold an item to view available options (for example, a contact or link in a Web page), or to move icons.

Swipe or slide

Quickly drag your finger vertically or horizontally across the screen to swipe or slide.

Drag

Touch and hold your finger with slight pressure, then move your finger slowly across the screen to drag. While dragging, do not release your finger until you have reached the farget position.

Rotate

Rotate the phone sideways to automatically change the screen orientation from porrait to landscape. When entering text, you can turn the phone sideways to bring up a bigger keyboard.See "Touch screen kevboards" on page<OV2 for more details.

Note: To activate Auto-rotate mode, swipe up from Home screen to access Apps and tap Settings>Display>Advanced>Auto-otate screen, and slide the switch to the On position. You can also activate it by dragging the Status bar down swiping to the left and tapping Auto-rotate .

Pinch and spread

Use your thumb and forefinger in a pinching motion on your screen to zoom out, or spread them to zoom in when viewing a picture or a web page.(Move fingers inward to zoom out and outward to zoom in.)

Complete the setup screens

Once your service has been activated, you will need to run Setup.The Setup Wizard will appear to guide you through the basic settings on your device. You will be prompted to select the language you want to use, set up your WiFi connection, enter your name, set a screen lock method, sign in to your GoogleIM account, select location services, and more.

Follow the remaining instructions to finish your phone setup.

Basic operations

The following topics outine basic features and operations of your phone.

Home screen and Apps list

Most of your phone's operations originate from the Home screen or the **Apps** (applications) list.

1. **From any screen, press the Home** button to display the Home screen.
2. From the Home screen, swipe up to access the **Apps** list.

For information about using the Home screen, see "Home screen basics"on paae<QV2.

Select options and navigate screens

Tap icons, on-screen buttons, and other items to open or activate the assigned function.

- **Tap the Back** button to return to the previous screen.

Recent applications

View your recently used applications by tapping the **Recent Apps** button.

Switch between recently opened apps

You can easily switch between the apps you've recently opened.

Tap the **Recent Apps** button to see your recently opened apps.

1. To close an app, swipe it up.
2. To close all the apps and clear the list, swipe to the left and tap **CLEAR ALL**

You can tap the **Recent Apps** button to quickly switch between the two most recently used apps.

Phone settings menu

You can customize your phone's settings and options in the Settings menu.There are two ways to access the Settings menu:

- From the Home screen, swipe up to access Apps and tap Settings.
- From any screen, swipe the Status bar down twice and tap **Settings.**

For more information, see "Basic settinas" on paae<QV

Portrait and landscape screen orientation

The default orientation for your phone's screen is portrait (vertical), but many apps will change to landscape orientation (horizontal or widescreen) when the phone is rotated sideways.

Note: Not all screens can be used in landscape orientation.

Turn screen rotation on or off

- **Drag the Status bar down twice, swipe to the left and tap Autorotate** to tur it on or off.
- You can also set the rotation option from the Settings menu.From the Home screen, swipe up to access Apps and tap Settings. Tap Display and tap Auto-rotate screen to slide the switch to the On or Off position to activate or deactivate screen rotation.

Capture screenshots

- Press and hold the Power key and Volume down key at the same time to capture a screenshot of the current screen.

Your screenshots will be stored in the Screenshots folder in the Photos app. From the Home screen, tap Photos>Library>Screenshofs.

Applications

The following topics describe how to access the Apps list and launch applications on your phone.

Launch apps

All installed apps can be accessed and launched from the Appslist.

1. From the Home screen, swipe up to access the Apps list.
2. Tap an app icon to launch the app.

Work with apps

Group app folders

1.From the Home screen, touch a group app folder to open and tap an app shortcut to launch the app.

2. To add more apps to the folder, drag each app over to the folder.See "Add App folders to the Home screen" on paae<OV≥

Control app permissions

The first time you open an app, you'll be asked to grant permissions to access certain data or features. This ensures that you have full control of which apps have authorized access.

If you don't want to grant access for an app, choose DENY. If you choose DENY in a trusted app, you may not be able to use the app or access all the functions. To modify permission settings, follow the steps below:

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap **Apps>Special app access.**
3.Select a category and tap the app you want to modify permissions for and slide the switch to the On or Off position to allow or deny app notification access.

Note: These options may vary.

Set default apps

You can choose default apps for web browsing, text messaging, and more.

1. From the Home screen, swipe up to access Apps and tap Settings.
2. **Tap Apps>Default apps**.
3. Choose your default web browser,phone app, messaging app, and more.

Choose default apps

Some actions can be performed with more than one app. When performing an action for the first time, you may be prompted to choose an app.You can choose to use an app only this time by tapping JUST ONCE, or tap ALWAYS to set that app as the default.

You can change the default app at any time in the Settings menu.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Apps>Default apps.**

To change the default app for opening links, continue with the steps below:

1. **Tap Apps>Default apps>Opening links**.
2. Tap the app you want to set and slide the Open supported links switch to the On position to allow web links to open in the app.

Disable an app

You can disable some default apps which can't be uninstalled to avoid them running in the background and downloading data.

1.From the Home screen, swipe up to access Apps, and tap Settings.

2. Tap **Apps>See all apps.**
3. Tap the app you want to disable to access App info screen.
4. Tap **DISABLE.**

Apps list

The Apps list expands to include any apps you download and install on your phone.The following table outlines the primary apps that have been preinstalled on your phone.

App		Function/Service
	Assistant	Use voice assistant to trigger apps and devices, ask all kinds of questions, make plans, and carry out a variety of useful tasks
	Calculator	Perform basic and advanced mathematica calculations.
	Calendar	Create and manage events, meetings, and appointments, organize your time, and schedule reminders for important events.
	Camera	Take and share pictures and videos.
	Chrome	Surf the Internet with Google's easyto-use web browser.
	Clock	Set alarms, view time zones around the world, use a stopwatch, set a timer, and use your phone as a desk clock.
	Contacts	Manage all of your contacts in one place.
	Duo	Make free high-definition video calls to your friends and family.
	Files	Access all of your documents, pictures videos, and downloads.
	Gmail	Send, receive, and manage your email messages. This app supports email accounts for Gmail, Yahoo!@, Hotmail®, and more.
	Google	Search for information saved on the phone and within phone applications as well as on the Internet.

App		Function/Service
	Maps	Determine your location, find directions, browse local businesses and attractions, rate and review places, and more.
	Messages	Send and receive text messages.
	Phone	Place and receive calls, use voicemail, set up and manage contacts, and more.
	Photos	Manage your photos and back them up to your Google account.
	Play Store	Download new Android apps, books, movies, and music to your phone.
	Settings	Adjust options, personalize your phone, view device information, and more.
	YouTube	Watch videos or upload your own with the world's largest video-sharing site.
	YT Music	Stream and browse playlists, albums, and artists from YouTube Music.

Phone number

Follow the instructions below to view your phone number.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **About phone.**

3.You will see the phone number listed under Phone number.

Airplane mode

Airplane mode turns off all functions that emit or receive signals while leaving your phone on so you can use apps that don't require a signal or data.

To turn on Airplane mode

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Network & internet**.
3. **Slide the switch to the On** position to activate Airplane mode.

You will see the Airplane mode icon in the Status bar.

To turn off Airplane mode

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Network & internet.**
3. **Slide the switch to the Off** position to deactivate Airplane mode.

Your phone's wireless connection features will be restored.

Tip: You can also access Airplane mode through the Quick Settings menu.Swipe the Status bar down twice to aocess the Quick Setings menu and tap Airplane mode to enable or disable data transmissions.

Note: If you do not see Airplane mode in the Quick Settings menu, swipe to the right to locate it.

Enter text

You can type on your phone using one of the available touch screen keyboards or Google Voice Typing.

Touch screen keyboards

Your phone offers Google touch screen keyboards for entering text. The keyboard appears automatically on-screen when you tap a text entry field, and can be used in either portrait or landscape mode. You can also use Google Voice Typing to enter text using your voice(see "Google Voice Tvping"on page<OV≥for details).

Note: Keyboard layouts and options may change depending on the app currently in use. For example, if you're entering text into a web search, a Search icon may appear instead of an Enter key.

Google keyboard

The Google keyboard offers a traditional QWERTY keyboard setup for entering text by tapping keys (like on a computer), along with options that allow you to enter text faster and more accurately, such as continuous key input, personalized usage dictionaries. and more.

Access Google keyboard settings

1. From the Home screen, swipe up to access Apps and tap Settings.
2. **Tap System>Languages & input>On-screen keyboard>Gboard.**

Google Voice Typing

Google Voice Typing uses Google VoiceIM recognition to convert speech to text.

1. **From Messages,** tap and speak.

Tips for editing text

Your phone has many options to make entering text easier, including copying, cutting, and pasting text, using voice-totext input, customizing the user dictionary, using predictive text, and more.

To edit text you have already entered

2. Touch and hold or double-tap the text you would like to edit.
3. Drag the tabs to adjust the highlighted selection.
4. The following options will appear:Cut, Copy, Paste(if you have text copied on the clipboard),Share, and Select all(if there is more than one word available to select).

To insert new text

1. Touch where you want to type, the cursor and tab will appear. Drag the tab to move the cursor.
2. **Tap the tab to view the popup menu, then tap Paste** to insert any text you have previously copied.

Google account

You will need a Google account to access several phone features, such as Gmail, Google Maps, Duo, and Google Play Store.Enter your Google account information to access Google apps. These apps sync between your phone and your online Google aocount.

Create a Google account

If you do not already have a Google account, you can create one online or using your phone.

Note: You can also create and sign into your Google/Gmail account from the Settings menu.

Create a Google account online

1. Using a computer, visit google.com.
2. On the main page, click **Sign in>Create account>For myself.**

3.Follow the prompts to set up your account:

   a. Enter your first and last name, a desiredusername/Gmail address, and create and confirm a password.

   b. Add a phone number or secondary email for security (optional).

   c.Enter basic personal information.

4. **Tap I agree** to accept Google's Privacy and Terms and finish your Google account setup.

Create a Google account using your phone

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Ta**p Passwords & accounts>Add account.**

3.Tap Google and then tap Create account>For myself.

4.Follow the prompts to set up your account. Tap **Next** to proceed between steps, which may include:

   a.Enter your basic information such as first and last name.

   b. Enter a desired username/Gmail address.

c. Create and confirm a password.

d. Add a phone number for securily, or tap **Skip.**

e. **Review your account info. Tap Next** to confirm.

5. **Tap I agree** to accept Google's Privacy and Terms and finish your Google account setup.

Sign in to your Google account

If you have a Google account but have not yet signed in with your phone, follow these instructions to sign in to your Google account.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Passwords & accounts>Add account>Google**.

3.Enter your email address or phone number and tap **Next.**

4. Enter your password and tap Next.

5. To sync your account information, tap your account >**Account sync** and select the apps you would like to sync with your phone. Then tap **Menu>Sync now.**

Important:AT&T policies often do not apply to third party applications.Third-party applications may access your personal information or require disclosure of your customer information to the third-party application provider. To find out how a third pary application will collect, access, use, or disclose your personal information, check the application provider's policies, which can usually be found on their website.If you aren't comfortable with the third-party application's policies, do not use the application.

Lock and unlock your screen

You can quickly turn your phone screen off when not in use, and unlock it when you need it.

Note: For information on how to adjust the time before the screen turns off,see "Disolav"on paae<OV2

Turn the screen off when not in use

To quickly turn the screen off, press the Powerkey. Pressing the Power key again or receiving an incoming call will turn on your phone screen and display the lock screen.

To save battery power,your phone screen will automatically turn off after being idle far a period of time. You will still be able to receive messages and calls while the phone's screen is off.

Turn the screen on and unlock it

1. **To tur the screen on, press the Power** key.

2.Swipe up from the bottom of the screen to unlock it.

If you have set up a screen lock, you will be prompted to unlock your phone.See "Screen lock" on paae <OV for details.

The following topics describe how to use and customize your phone's home screen, understand the Status bar, and use the Notiication panel.

Home screen basics

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

Home screen layout

Your Home screen extends beyond the initial screen. Swipe right to display additional screens.

Item	Description
App icons	Add shortcuts to your favorite apps to the Home screen
Back button	Tap to return to the previous screen.
Home buton	Tap to display the main Home screen.

Notification area	View notifications for incoming messages, missed calls, application updates, and more. Drag the Status bar down to display the Notification panel.
Recent Apps button	Tap to display a list of recently used apps. Double tap to swap between your last two used apps.
Status area	View phone and service status information such as signal strength, battery status, WiFi and data connectivity, ringer status, and time.
Status bar	Icons indicate your phone's status(on the right side) and notifications (on the left side).

Extended home screens

In addition to the main Home screen. your phone features extended Home screens to provide more space for adding icons, and more. Press the **Home** button to display the main Home screen, then swipe to the right or left to move from the main screen to an extended screen.

To add a new Home screen, drag an app icon to the right edge of the main screen and release the icon. A new extended screen will be added.

Tip: While on an extended screen, press the **Home** button to return to the main Home screen.

Status bar and Notification panel

Quickly view your phone's status and notifications at the top of the screen.

Status bar

The Status bar at the top of the Home screen provides phone and service status information on the right side and notification alerts on the left. To view the Notification panel or access the Quick Setings menu, drag the Status bar down from the top of the screen.

Main status icons (Right side)

Icon	Status
LTE	4G LTE data service
	Airplane mode enabled
	Battery (charging)
	Battery (full charge)
	Bluetooth® connected
	GPS in use
	Headphones
	Hotspot

Icon	Status
	Mute on
	Network (full signal)
	Network (roaming)
	No Network
	Speakerphone enabled
	Vibrate on
	Wi-Fi® enabled
	Wi-Fi® Calling enabled

Main notification icons (Left side)

Icon	Notification
	Alarm
	Download
	Event
	Keyboard active
	Missed call
	New Gmail
	New text or MMS message
	New voicemail
	Software update available
	USB connection
	Update successful
	Warning
	Wi-Fi® Calling

Note: Additional notification icons may appear. All notifications may be accessed through the Notification panel

Notification panel

Your phone's notifications appear at the left side of the Status bar. Access the full Notification panel by dragging the Status bar down to check notifications, download updates, open messaging apps, access the Quick Settings menu, and more.

Open the Notification panel

1. Swipe down on the Status bar.
2. To check notifications, tap an item in the list.

Close the Notification panel

Swipe up to close the Notification panel, or tap the **Back** button.

Notification panel layout

The Notification panel gives you access to both notifications and the Quick Settings menu.

To access the Quick Settings menu:

1. Swipe the Status bar down to display the Notification panel.
2. Swipe the Status bar down again to access the full Quick Settings menu.

Customize the Home screen

Learn how to set the wallpaper and add, move, or remove shortcuts and folders from the Home screen.

Operations for rearranging the Home screen

To move app shortcuts icons

From the Home screen, touch and hold an app shortcut, then drag it to the desired location.

To delete app shoricuts icons

From the Home screen, touch and hold an app shortcut, then drag it to **Remove** at the top of the screen to delete from the Home screen.

To display the Home screen menu

From the Home screen, touch and hold an empty space to display the Home screen menu. Change wallpapers and adjust other Home screen settings from the Home screen menu.

Change the wallpaper

1. **From the Home screen, touch and hold an empty space, then tap Wallpaper& style** on the Home screen menu.
2. Choose to select the wallpaper from your Photos or standard wallpapers on the phone.
3. Tap at the bottom of the screen to set wallpaper.
4. Choose to set the wallpaper on the Home screen, Lock screen, or both.

Add shortcuts to the Home screen

Add shortcuts for quick access to favorite apps from the Home screen.

1. From the Home screen, swipe up to access **Apps.**
2. Touch and hold an app icon, then drag to move it.
3. Drag the icon to an empty location on one of the Home screens. The shortcut wll be added to the Home screen.

Add App folders to the Home screen

You can group Home screen shortcuts into folders for convenient access.

1. Drag an app icon and release it over another app icon on the Home screen to create a folder.
2. Type a name for the folder, and then tap.
3. To add more app shortcuts to the folder, touch and hold an app icon and drag it on top of the new folder.

Change folder names

Once you have added folders,you can change the name easily from the folder display.

1. Tap the folder to open it.
2. Tap the folder name, type a new name, and then tap.

Remove folder

1. Touch and hold afolder and drag it to Remove at the top of the screen.

Remove apps from a folder

1. Tap afolder to open it.
2. Touch and hold an app in the folder and drag it to the Home screen or to **Remove** at the top of the screen.

Making connections

The topics in this section will explain how to help you make connections, from phone calls and maintaining contacts, to text messages, email, Internet, and international services.

Phone

Make a call

From the Home screen, tap **Phone.**

- Make a call by selecting one of the following options:
  - Enter a phone number into the keypad, and tap **Call** .
  - Choose a recently called contact in **Recents** .
  - Choose a saved contact in **Contacts** .
  - Choose a favorite contact in **Favorites** ,
- During a call, you can tap at the bottom of the screen to hang up.
- Calls can also be made from other apps that contain your contact information. Simply tap the phone number to make a call.

Make a call with Wifi Calling

1. From the Home screen, tap **Phone.**
2. If the keypad does not appear on the screen, tap to open it. Enter a phone number in the keypad to make a call.
3. Tap to make the call.
4. During a call you can tap at the bottom of the screen to hang up.

- Calls can also be made from other apps that contain your contact information by simply tapping the phone number.

Note: You must have an active WiFi connection to send or receive calls and messages with WiFi Calling. WiFi Calling service must be activated on the device before it can be used.

Receive a call

The Incoming Call screen is displayed when a call is received, along with the caller's numbers and other information you've entered for that contact.When you receive a phone call from someone who is not stored in Contacts, only the default caller ID icon and phone number appear on the Incoming Call screen.

- To answer a call, swipe up
- To reject a call, swipe down
- Rejected calls will be sent to voicemail.
- Press any side key to mute the ringer.
- **Any missed calls are logged in Recents** .

Reject a call and send a text message

You can reject an incoming call and automatically send a quick response text message to the caller.

1. When a call arrives, hold and swipe up from the bottom left comer of the screen. The ringtone or vibration will stop, and you will see a list of quick preset responses.
2. Tap one of the messages or write your own to send to the caller.

You can edit the preset quick responses from the Call Settings menu.From the Phone app, tap **Menu>Settings>Quick responses**. Tap **Message** to edit or create your own quick response.

In-call screen layout and operations

While you're on a call, you will see a number of on-screen options.

In-call screen layout

Tap the on-screen options to activate them during a call.

On-screen options

Item		Description
	Overflow Menu	Tap and select Switch to RTT to send the caller a Real-time text during a call.
	Speaker	Tap to turn the speakerphone on or off. Warning: Because of higher volume levels, do not place the phone near your ear during speakerphone use.
	Mute	Mute the microphone during an active call. Tap again to unmute the microphone.
	Keypad	Tap to show the on-screen keypad. Use the keypad to enter additional numbers, for example, an extension or access code.
	Hold	Tap to hold the current call.
	Add call	Tap to initiate a 3-way conference call.
	End call	End the current call.
	Merge	Join two currently active calls (conference).
	Swap	Swap the calls.
	Hangup all	Hang up all active calls.
	Hangup holding	Hang up on calls that are on hold.

Place a call from Contacts

You can place phone calls directly from your Contacts list.

1. From the Home screen, tap **Phone.**
2. **Tap Contacts** to display the Contacts list.
3. Tap a contact.
4. Tap a contact's number to call to place a call.
5. To end the call, tap.

Call from Recents

The Recents list allows you to view recently received, placed, or missed calls.

1. From the Home screen, tap **Phone.**
2. **Tap Recents** to display the Call log.
3. Tap a recent call to display a list of options.
4. Tap to place a call.

- You can tap a contact in the Call Log to display more options.
  - **Call:** Make a call to the selected contact number.
  - **Send a message:**Send a text message to the contact/number.
  - **Call details:** View detailed call information.
  - Delete: Delete the call from Recents.

Call settings

Configure your voicemail options and a number of other settings for your calls.

Call settings options

1. From the Home screen, tap **Phone.**
2. **Tap Menu>Settings**
3. Configure your phone settings.

Call settings options

Setting	Description
Display options	Choose how to sort and display your contacts
Sounds and vibration	Adjust call and ringtone volume, change your alert tones, activate Do Not Disturb, and more.
Quick responses	Edit or create quick response text messages See "Reacandsendaexmegeon paae<QV≥ omoenomaon
Calls	Set Fixed Dialing Numbers,call forwarding, cal barring, and more.
Blocked numbers	Manage numbers and contacts you have blocked.
Voicemail	Set up voicemail, manage notifications, and more.
Accessibility	Configure RTT settings,enable or disable hearing aid compatibility, and enable or disable noise reduction.
About	View more information about your phone

Contacts

Add a contact

You can add contacts from the Phone app. Enter details such as name, phone numbers, email addresses, mailing addresses, and more.

1.From the Home screen, swipe up and tap **Contacts.**

2. Tap to add a contact.

3. If you have multiple aocounts on your phone, select where you want to save the contact.

· **Select Device t**o save your contact on your phone only; they will not be synced with your Google account.

· Select an account such as Google to save the contact to that account.These will be synced automatically with your account. · Select your SIM card or SD card name to save the contact to your SIM card or SD card. Your contact will be available on any phone your SIM card or SD card is mounted in.

4. Use the keyboard to enter information.

Note: To select a type (label) for a phone number, email address or postal address (such as Mobile, Home. Work, etc.), tap the arrow and select the appropriate type.

5. When you are finished, tap to save the contact.

Save a phone number

You can save a phone number to Contacts directly from the phone keypad.

1. From the Home screen, tap **Phone>Keypad.**
2. Enter a phone number and tap Create new contact to add a new contact or tap Add to a contactto add the number to an existing contact.
3. To add the number to an existing contact, tap the contact you want to update and add the number to the desired field. To add a new contact,enter the name and any additional information.
4. Tap to save.

View contacts

View a contact's details.

1. From the Home screen, swipe up and tap **Contacts.**
2. Tap a contact to view their details.

Contacts screen layout

Contacts screen options

Item	Description
Create new contact	Create a new contact.
Contact	Tap to show contact's details, place a call, send a message, and more.
Index	Browse contacts alphabetically
Menu	View your contacts by labels or accounts, and adjust settings.
Search	Search contacts.

Edit a contact

Add or edit a contact's information, assign a photo, customize with a unique ringtone, and more.

1. From the Home screen, swipe up and tap **Contacts.**
2. Tap a contact to view their details
3. Tap **Edit.**
4. Tap the field you want to change or add.
5. Add or edit the information, and then tapto **SAVE.**

Note: To select a category for a phone number, email address, or postal address (such as Mobile, Home. Work, etc.), tap the arrow near the field.

Delete a contact

You can delete a contact from the contacts details page.

1. From the Home screen, swipe up and tap **Contacts.**
2. Tap a contact to view its details.
3. Tap **Menu >Delete**.
4. Tap **DELETE.**

Share a contact

You can quickly share contacts using Bluetooth, Gmail, or text messaging.

1. From the Home screen, swipe up and tap **Contacts.**
2. Tap a contact, tap Menu and tap Share.
3. Select how you'd like to share the contact information card (vCard).

- **Messages:** Send the vCard in a text message. You can send the information in an existing conversation thread, or create a message for a new conversation thread. See "Send a multimedia messaae(MMS)"on paae<OV for more information about sending messages.
- **Gmail:** Send the vCard as a Gmail attachment.See "Create and send an email message" on page<OV2for more information on sending emails.
- **Bluetooth:** Send the vCard via Bluetooth.See "Bluetooth"on page<OV>for information on pairing and sending via Bluetooth.

Messages

Send instant messages, media, and more with text and multimedia messages.

Text and multimedia messages

- With text messages(SMS), you can send and receive instant text messages.
- Multimedia messages (MMS) can contain text, photos, audio and video files, contact information cards (vCard), and more.

Note: See your service plan for applicable charges for messaging.

Send a text message(SMS)

1. From the Home screen, tap **Messages.**
2. Tap **Start chat.**
3. Enter a contact name or mobile number in the To field.

- Enter phone numbers, contact names, or email addresses directly in the To field. If you're sending the message to several contacts, separate the phone numbers with a comma. As you enter information, any matching phone numbers from your Contacts list are displayed. Tap the matching contact to add them as a recipient.
- Scroll to find and select the contacts to whom you want to send the message. You can also select Contact Groups as recipients.

4. Tap the text box and compose your message.

Note: Messages exceeding a limited amount of characters will be delivered as one message but may incur additional charges.A counter appears below Send to tell you how many characters you have entered and how many characters are left.

5. When done, tap to send the text message.

Note: Your text message automatically becomes a multimedia message if you enter an email address as the recipient, atlach an item, or compose a very long message.

Send a multimedia message(MMS)

1. From the Home screen, tap **Messages.**

2. **Tap Start chat**.
3. Fill in one or more recipients.See "Send a text message (SMS)"on page<OV>for more information on entering recipients
4. Tap the text box to compose your message.
5. Tap to the left side of the text box.
6.Select a multimedia item to attach to your message:
   - **Camera:** Take a photo or record a video.
   - **Gallery:** Select a saved photo or video.
   - **Audio:** Record and send a voice recording.

Note: Aflachment options may vary.

7.After adding an atlachment, you can tap to view it, and tap to delete the atlachment.
8. Tap to send the MMS message.

Text and MMS options

1.From the Home screen, tap **Messages**.

2. Tap **Menu** and you can view the following: ·

Starred: View your starred messages.

- o **To star a message, open the Messages** app.Open the conversation that has the message you want to star. Tap and hold the message you want to star. Tap the star symbol in the top right.

· **Archived:** View all archived messages.

- o **To archive a chat, open the Messages** app. Tap and hold the conversation you want to archive. Tap the archive symbol in the top right.

· **Spam & blocked:** View all spam and blocked messages.

- o **To block and report a number as spam, open the Messages** app. Tap and hold the conversation you want to block and report. Tap the block symbol in the top right. Check the box next to Report spam and tap OK.

· **Device pairing:** Send and receive messages on another device by pairing your device with your phone.

· Choose theme: Choose the visual appearance of your Messages app screen.

· **Mark all as read:** Tap to mark all unread messages in your inbox as read.

Gmail

Use Gmail to send, receive, and manage your email messages. Before using Gmail, you must sign into your Google account on your phone.See "Gooale account" on page <44> for details on signing in or creating an account.

Note: You can use the Gmail app to manage email for other accounts, such as Yahool, Hotmail, Outlook, and more.

Create and send an email message

1. From the Home screen, tap **Gmail.**

Tip: You can also access Gmail by swiping up on the Home screen.

2.From the inbox, tap to compose a new email message.

3.Enter the message recipient(s), subject, and message, and then tap **Send.**

Email composition options

· **Add Cc/Bccrecipients:** In the mail composition window, tap in the To bar to add Cc/Bcc recipients.

Attach photos or videos In the mail composition window, tap >Attach file. Tap the file you want to attach.

· Save as a draft(Send later): While composing your message, tap Menu > Save draft, or press the Back button to save as a draft. · Delete mail being composed: While composing your message, tap Menu > Discard.

Note: View your drafts and sent mail from the inbox by tapping >**Drafts** or >Sent.

Open an email message from a notification

When a new email is received, you will see in the Status bar.

1. Swipe the Status bar down to display the Notification panel.
2. Tap the new message from the Notification panel.

If you have two or more new email messages, tapping the notification will open the Gmail app.

Email settings

You can access setings for the Gmail app and for your individual email accounts from the Gmail Settings menu.

1. **From the Home screen, and tap Gmail**.
2. Tap **Menu>Settings.**
3. Tap General settings to access settings for all accounts, or tap an account name to configure settings for a specific email account.

Note: Available settings are subject to change.

Internet and social networking

The following topics describe how to connect to and use the Internet on your phone and how to access popular social networking sites such as Facebook, Duo, and more.

Chrome browser

From the Home screen, tap **Chrome** to browse the Internet, search for information, and bookmark your favorite web pages for convenient access.

Browsing web pages

1. Tap the address field.
2. Enter a web address or a keyword to browse for web pages.

Adding a bookmark

1. Open the web page you want to bookmark.
2. Tap **Menu> Bookmarks**.

Opening a bookmark

1. From the Chrome browser screen, tap **Menu>Bookmarks>Mobile bookmarks.**
2. Select the bookmark of the website you want to view.

Customizing browser settings

1.From the Chrome browser screen, tap **Menu>Settings.**

2. In the Settings list, you can select options to customize the browser.

Tip: For more information, visit:gooale.com/intllen/chrome/browser/mobile/ .

Facebook

Post updates, see what your friends are up to, upload pictures and checkins, and more with Facebook.

Sign in to your Facebook account or create a new account

1. From the Home screen, swipe up to access Apps and tap Facebook.
2. Enter your mobile number or email and password and tap Log In or tap Create New Account to join Facebook.
3. Once completed,your Facebook account will be added to your phone.

Use Facebook

Once you've either created an account orsigned in, you can post and view updates, upload pictures, tag locations, and more, all from your phone.

1. From the Home screen, swipe up to access Apps and tap Facebook.
2. **Tap What's on your mind?** to type an update. You can also share photos and videos, start a live video, scroll through your Facebook feed, and more.

Connectivity

The following topics address your phone's connectivity options, including USB file transfer, WiFi, Bluetooth, IR connectivity, and more.

Transfer files between your phone and a computer

You can use the USB cable to connect your phone directly to your computer and transfer music, photos, and other content files.

For example, if you have a music album stored on your computer that you want to transfer to your phone, you can attach your phone to the computer and copy the files to the music folder.

File fransfer fips

If you want to save data to an SD card on your phone, make sure the SD card is installed and active.

Important: Avoid removing the SD card while transferring data.

Data exchange may use the methods outined in the following table:

Method	Description
File Transfer	Transfer files between your phone and PC such as photos, videos, and music.
USB tethering	Share an Internet connection on the phone or tablet with another device.
MIDI	Connect your device to a computer or musical device with MIDI(Musical Instrument Digital Interface)
PTP	Transfer photo and video files between your phone and PC.

Transfer files between the phone and a computer

1. Connect your phone to your computer using the USB charging cable.
   - Insert the end of the cable to the charger/accessory jack at the bottom of the phone.
   - Insert the USB end of the cable into an available USB port on your computer.You may need to remove the USB cable from the AC adapter to access it.
2. Drag the Status bar down to display the Notification panel. You will see **Charging this device via USB.**
3. To transfer files from your phone to your computer:
   - From the Home screen, swipe up to access Apps and tap Settings.
   - Tap **Connected devices>USB.**
   - **Tap File Transfer**. You can also select other options available.
4. On your computer, navigate to the detected device(such as through the My Computer menu) and open it.
5. If available, select a drive **(Interal shared storage or SD card)**
6. Select a folder and copy files from your computer to your phone or from your phone to your computer.
7. When done, disconnect your phone from your computer.

Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to 300 feet. To use your phone's WiFi, you need access to a wireless access point or hotspot.

Turn WiFi on and connect to a wireless network

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap **Network & internet>Wi-Fi.**
3. **Slide the WiFi switch to the On** position.
4. WiFi is enabled. Tap **Wi-Fi** to see the names and security settings of inrange Wi-Fi networks.
5. Tap a Wifinetwork to connect, enter the password(if applicable), and then tap **CONNECT.**

Your phone will be connected to the WiFi network, You will see in the status bar.For more information on WFi see "Wi-fi"on page<14I≥

6. **To disable WiFi, slide the WiFi switch to the Off** position.

Bluetooth

Bluetooth is a shortrange communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and handsfree car kits, Bluetoothenabled handhelds, computers, printers, and wireless phones.Bluetooth communication range is approximately 30 feet.

The following table describes different options and functions available with certain Bluetooth aocessories.

Function	Description
Audio output	Wirelessly listen to music. podcasts,etc.
Handsfree calls	Call handsfree, using Bluetooth-capable hands free devices and headsets.
Data exchange	Exchange data with Bluetooth devices

Enable Bluetooth

To enable Bluetooth

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Connected devices>Connection preferences>Bluetooth**.

3.Slide the Bluetooth switch to the **On** position.

- You can also access Bluetooth from Quick Settings panel. Slide the Status bar down twice.
- **To disable Bluetooth, slide the Bluetooth switch to the Off** position.

Note: Turning on Airplane Mode disables all network features including calling, messaging, mobile data, WiFi, and Bluetooth. To continue to use WiFi and Bluetooth, turn them on in Settings or in the notification panel.

Tip: Turn off Bluetooth when not in use to conserve battery power.

Pair Bluetooth devices

To pair Bluetooth devices

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Connected devices> Pair new device**.
   - Nearby devices will appear under Available devices.
   - If a target device is not detected, ensure that the device is powered on and is discoverable, then tap Refresh to search again.

3. Tap a device under Available devices and follow the onscreen instructions to pair with the device.
   - Methods to accept a Bluetooth connection differ depending on the devices being used.

To forget a paired device

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Connected devices**.

3. **Tap Settings** next to the device you wish to forget.

4. Tap **FORGET>FORGET DEVICE.**
   - The device will be unpaired from your phone. To reconnect with the device,you will need to pair again.

Connect to a paired Bluetooth device

1. From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Connected devices.**

3. Tap a **paired device** to connect.

When the device is connected to your phone, the Bluetooth Paired icon will be displayed in the Status bar. You can then use the headset or car kit to listen to music or make and receive phone calls.

Note: Noise may be experienced with wireless calls and handsfree calls. Due to diferent specifications and features of other Bluetooth-compatible devices,display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth-compatible devices.

Send information via Bluetooth

You can use Bluetooth to transfer files between your phone and another Bluetoothenabled device, such as a phone or computer.Send photos, videos, calendar events, contacts, and more.

See "Share pictures andvideos"on paae<QV₂ and "Share a contact"on paae<QV≥

Receive information via Bluetooth

1. When another device attempts to send a file to your phone via Bluetooth, you will see a request to accept the file.
2. **Tap ACCEPT** to receive the file.
   - When your phone receives a file. you will see anotification. To download the file immediately, drag the Status bar down to display the Notification panel, and then tap the notification. Select the file you wish to open from the Inbound transfers menu.
     Media files and documents are usually opened directly in a compatible app. For example, if you received and opened a photo, it will open in the **Photos** app.
   - For a Calendar file, select the calendar where you want to save the event, and then tap Import. The Calendar is added to your Calendar events. For more information on using the Calendar, see "Calendar" on paae<QV≥
   - For a vCard contact file, if there are multiple vCard files on your storage card, you can choose to import one, several, or dll of those contacts to your contacts list.

Tip: For more information on Bluetooth see "Bluetooth"on paae<QV₂

Apps and entertainment

The topics in this section will explore the features that make your phone so much more than a phone, from the camera and productivity apps to music,entertainment, and more.

Camera and video

You can use the camera or video camera to take and share photos and videos. Your phone comes with an 8MPrear-facing camera and a 5MP frontfacing camera that lets you capture photos and videos.

Camera overview

The camera's viewfinder screen lets you view your subject and aocess camera controls and options.

Icon		Function/Service
	Settings	Select camera modes and settings options.
HDR	HDR	Activate or deactivate High Dynamic Range Boost mode for clearer, more vivid photos.
	Flash	Activate or deactivate the camera flash.
Video	Video Mode	Record videos and access video settings.
Photo	Photo Mode	Capture photos and access camera settings.
Beauty	Beauty Mode	Smooths imperfections and brightens facial features.
Portrait	Portrait Mode	Take a photo that keeps your subject sharp with a blurred background.
	Night Mode	Illuminate your photos. Night mode uses multi-frame processing to combine 8 images into one clear photo.
	Pro Mode	Allows you to manually adjust the shutter speed, ISO, white balance, and more.
	Time-Lapse	Take a series of still images of the same frame at regular intervals over a period of time, then play through the entire sequence rapidly.

Icon		Function/Service
	Gallery	View the last photo or video taken.
	Capture	Capture a photo.
	Switch	Switch between the front and back cameras.

Note: Camera options vary based on mode, camera in use,etc.

Take photos and record videos

The following topics explain how to take photos and record videos with your phone's camera.

! Camera cautions

If the lens is dirty: Fingerprints and smudges on the camera lens may result in blurry photos or videos. If this happens, wipe the lens with a soft dry cloth.

Avoid exposure to direct sunlight: Do not to expose the lens to direct sunlight for long periods, as this can affect the color filter and distort the color of photos and videos.

Take a photo

Note: If you have an SD card installed, photos and videos will automatically be saved to the SD card.If no card is installed, photos and videos will be saved to your phone's memory.

1. **From the Home screen, tap Camera** .

Tip: You can also access the Camera with one of the following methods:

- From the Home screen, swipe up to access Apps and tap Camera.
- Press the Power key twice quickly.
- From the Lock screen, swipe up from the bottom right corner of the screen.

2. Tap Photo to switch to Photo mode, if necessary.

3.Aim the camera at your subject and tap to take the photo.

Record a video

1.From the Home screen, tap **Camera.**

Tip: You can also access the camera in one of the methods described under "Take a photo"on paae<QV₂

2. Tap **Video t**o switch to Video mode (if necessary).

3. Aim the camera at your subject and tap to start recording a video. ·
   Tap to take the photo while recording.

4.Tap to stop recording and save your video.

Camera settings

You can adjust your camera's settings using the icons on the main camera screen and the full camera settings menu.

Set camera functions

1. From the Home screen, tap **Camera.**

Tip: You can also access the camera in one of the methods described under "Take a photo" on paae<OV≥

2. Tap **Settings**. You can view and/or set the following:

- **Picture size:** Choose your picture size ratio.
- **Location info:** Enable or disable to automatic saving of location information.
- **Camera mute:** Tap to enable or disable the shutter sound when taking a picture.
- **Touch shooting:** Tap to enable or disable screen touch to take a photo.
- **Self timer:** Tap to set a self timer. Choose between a 3,5, or 10 second delay.Tap again to disable.
- **Grid line:** Enable or disable the grid line setting.
- **ZSD:** Tap to set a zero shutter delay. Upon pressing on the shutter, the camera app will take the picture immediately with no delay. ·
  Volume key feature: Tap to set the function of the volume key. Choose Volume, Shutter, or Zoom.

- **Anti flicker:**Select the anti flicker setting. Choose auto, 50Hz, or 60Hz
- **Photo quality:** Tap to set the quality of the photos your camera will take. Choose High, Standard, or Low. ·

Custom:

- o Customize a filter color.
- o Customize a camera sound.
- o Reset: Tap to restore camera default settings.

View pictures and video using Photos

Using the Photos app, you can view photos and watch videos that you've taken, downloaded, or copied onto your storage card or phone memory. For pictures that are on your storage card or phone memory. you can do basic editing such as rotating and cropping. You can also easily assign a photo as your contact photo or wallpaper and share photos with your friends.

View photos and videos

1. From the Home screen, tap **Photos.**

Tip: You can also access the Photos app by swiping up on the Home screen to access Apps and tapping Photos.

2. Tap an image or a video to view.

Review photos and videos

After capturing a photo or video, tap the thumbnail image at the bottom left corner of the screen to review it. From there, you can share, edit, or delete the photo or video.

Options while reviewing photos or videos

Zoom in or out on a photo or video: Tap the screen twice or pinch the screen to zoom in or out on a photo or video.

Viewing videos: Use the on-screen controls to play, pause. or stop the video playback.

Edit photos

Rotate and save a photo

1. From the Home screen, tap **Photos.**
2. Tap the photo you want to rotate.
3. Tap **Edit>Crop>Rotate.**
4. Tap Save copy to save a copy of your photo.

Crop a picture

1. From the Home screen, tap **Photos.**
2. Tap the photo you want to crop.
3. **Tap Edit** to access the Edit screen.
4. **Tap Crop.**A crop box appears on the photo.
5. To adjust the crop box size, drag the corners inward or outward to resize the crop box.
6. Tap **Save copy** to apply the changes to the photo and save.

The cropped photo is saved in the album as a copy.The original photo will remain unedited.

Share pictures and videos

The Photos app allows you to send photos and videos using email or MMS messages. You can share photos and videos on your social networks, or send them to another phone or your computer via Bluetooth.

1. From the Home screen, tap **Photos.**
2. Tap the photos or videos you want to share.

Tip: To select multiple items, touch and hold an image to turn on Multiselect mode. Tap to select the items you want to share.

3. **Tap Share**, then select to share using Bluetooth, Gmail, Messages, Duo, or another app. Follow the on-screen prompts to send the photo or video.

Productivity

Use your phone to stay productive and organized with calendar, navigation, alarm, office, and more productivity apps.

Calendar

Use the Calendar to create and manage events, meetings, and appointments.Your Calendar helps organize your time and reminds you of important events.

In order to sync with your Google calendar, you must sign into a Google account on your phone.See "Gooale account" on paae<QV≥for more information on signing in or creating a Google account.

Calendar view

1. From the Home screen, swipe up to access Apps and tap Calendar.
2. Tap **Menu.**
3. Select from one of the following calendar views: ·
   Schedule: Display all events.
   - **Day:** Display today's schedule by hour. Slide the screen to the left and right to display the previous and the next day, respectively.
   - **3 days:** Display the previous day, today, and the next day.Slide the screen to the left and right to view the previous and next three days.
   - **Week:** Display the current week. Slide the screen to the left and right to view the previous and next week, respectively.
   - Month: Display the current month. Slide the screen to the left and right to view the previous and next month, respectively.

Add an event

1. From the Home screen, swipe up to access Apps and tap Calendar.
2. **Tap Add** to add an event.
3. Enter event details, and then tap **Save.**

View calendar events

1. From the Home screen, swipe up to access Apps and tap Calendar.
2. Tap a date and an event to view the details.

Edit an event

1. From the Home screen, swipe up to access Apps and tap Calendar.
2. Tap a date and an event to view the details.
3. Tap **Edit** to edit the event.
4. When you are done editing, tap **Save.**

Delete an event

1. From the Home screen, swipe up to access Apps and tap Calendar.
2. Tap a date and an event to view the details.
3. **Tap Options>Delete** to delete the event.

Calendar settings

1. From the Home screen, swipe up to access Apps and tap Calendar.
2. Tap **Menu>Settings>General**
3. Tap an option to adjust Calendar settings.

Navigation apps

Your phone offers a number of location-based navigation programs to help you figure out where you are and get you where you're going.

Enable location services on your phone

Before using any location-based services, you must enable your phone's location feature. For information about setting your phone's location options, see "location"on paae <Ov₂

Maps

Use the Maps app to determine your location, get directions, browse local businesses and attractions, rate and review places, and more.

1. From the Home screen, swipe up to access Apps and tap Maps.

Search for destinations

Use Google Maps to locate and map a specific address or destination.

1. From the Home screen, swipe up to access Apps and tap Maps.
   - If prompted, follow the on-screen instructions to accept terms of use.

Tip: You can also access the Google Maps app from the Google folder on the Home screen.

2. Tap **Search here.**

3. Enter an address, cily, facility name, etc., then choose a search result. You will see your location on the map.

Maps operations

- **View current location:** Tap to find your current location on the map.
- Select map types for different views: Tap Menu and select a map view such as traffic, satellite, etc.
- **Find a route to your destination:** Tap Go, enter your desired start location and destination, tap a method of transportation(car, public transit, or on foot), then tap **NAVIGATE IN APP** for step-by-step directions to your destination via the Navigation for the Google Maps app.

Google Search

Search for information saved on the phone, in apps, and on the Internet.

Use Google Search

1. From the Home screen, tap the **Google Search bar.**

Tip:You can also access Google Search by swiping up on the Home screen to access Apps and tapping Google, or from within the Google folder.

2. **Type your search keywords and tap Search**. To search by voice, tap Google Voice Search in the search bar and say your search terms.

Use Google Voice Search

Tip: To quickly access Google Voice Search from any screen. press and hold Home.

1. From the Home screen, tap Google Voice Search or swipe up to access Apps and tap Google and tap Google Voice Search.
2. Say your search terms and search results will appear.

Calculator

Your phone's convenient built in calculator performs basic and advanced mathematical equations.

1. From the Home screen, swipe up to access Apps and tap Calculator.
2. Enter the first number.
3. Tap a mathematical function key, then enter the second number.
4. Tap to view the result.
5. Tap to clear the results.

View calculator history

1. From the Home screen, swipe up to access Apps and tap Calculator.
2. **Tap Menu > History** or drag down on the History bar to view the calculator history.
3. To clear the calculator history, tap **Menu>Clear.**
4. To return to the calculator, drag the History bar back up or tap the Back button.

Advanced calculator

1. From the Home screen, swipe up to access Apps and tap Calculator.

2. Tap the blue bar on the right or rotate the device to view more advanced calculation functions.

Clock

The Clock app allows you to set alarms, view different world times, use a stopwatch, set a timer, and use your phone as a desk clock.

Set the date and time manually

Your phone uses the wireless network to automatically receive the current date and time. You can also set the date and time manually.

1. From the Home screen, swipe up to access Apps and tap Clock.

2.Tap **Menu>Settings> Change date & time>Use networkprovided time>Off**.

3. Set the date and time manually.

Create a new alarm

1. From the Home screen, swipe up to access Apps and tap Clock.
2. Tap **Alarm.**
3. Tap.

4.Set the time for the alarm and tap OK. You can also tap toenter the time directly.

5. Set more alarm details, if desired.

Alarm options

Feature	Description
Add label	Enter a name for the alarm.
Repeat	Select the days to repeat the alarm.
Alarm sound	Select a sound to play for the alarm
Vibrate	Activate alarm vibration.
Google Assistant Routine	Add alarm to your Google Assistant Routine.
Delete	Delete the current alarm.

Turn an alarm off

1. To tur an alarm off, drag the Alarm Clock to **Dismiss.**
2. To snooze the alarm for 10 minutes, drag the Alarm Clock to **Snooze.**

Delete an alarm

1. From the Home screen, swipe up to access Apps and tap Clock.
2. Tap the alarm you want to delete from the alarm list.
3. Tap **Delete.**

Timer

1. From the Home screen, swipe up to access Apps and tap Clock.
2. **Tap Timer** to access the Timer screen.
3. Enter the amount of time into the Timer.
4. Tap to begin timing.
5. Tap to pause timing.
   - Tap again to resume timing.
   - **Tap Reset** to reset the timer back to zero.
   - **Tap Delete** to delete the timer.
   - **Tap Add timer**to add another timer.Swipe up and down to view other active timers.

Stopwatch

1. From the Home screen, swipe up to access Apps and tap Clock.

2. Tap **Stopwatch** to access the Stopwatch screen.
3. Tap to begin the stopwatch.
4. Tap to stop the stopwatch.
   - Tap to add a new timer to the current timer.
   - Tap Reset to reset the stopwatch to zero.
5. Tap to resume timing.

Entertainment and activities

The following topics provide an overview of your phone's entertainment apps.

YouTube

View videos uploaded to YouTube and upload your own videos.

View YouTube videos

Note: You can use the YouTube app to view videos on YouTube even if you aren't signed into a YouTube account.

1. From the Home screen, swipe up to access Apps and tap YouTube.
   - If you are prompted to provide confirmation to use the site, follow the on-screen instructions to continue.

Note : You can also access YouTube from the Google folder on the Home screen.

2. Browse YouTube channels and tap a video to view.

3.The video will play on your phone screen. Tap the screen to pause or resume play while watching.

Post a video to YouTube

You can post videos to your YouTube account from your phone. Before posting, you must set up a YouTube account and sign in on your phone.

1. From the Home screen, swipe up to access Apps and tap YouTube.
2. Tap **Record/Post Video.**

Note: You may be prompted to allow access to your photos, camera, and microphone. Tap ALLOW ACCESS to continue.

3.Select a video to upload, record a new video to upload, or stream a live video.Enter a title, description, and tags, and select a privacy setting.

Settings

The topics in this section will cover your phone's settings and options.

Basic settings

From the Home screen, swipe up to access Apps and tap Settings to access your phone's Settings menu.You can also access the Settings menu from the Status bar. Swipe the Status bar down twice and tap Settings.
The table below outines the Settings categories.

Category		Description
	Network & internet	Set Wi-Fi, mobile network, Hotspot, VPN, airplane mode, and view data usage.
	Connected devices	Manage settings for devices connected by Bluetooth, USB, etc.
	Apps	View your recently opened apps.
	Notifications	Manage settings for notifications, permissions, etc.
	Battery	Monitor your phone's battery usage.

Category		Description
	Storage	Manage internal storage on your phone and provide settings for an optional SD card (not included).
	Sound & vibration	Set ringtone, operation tones, etc.
	Display	Set wallpaper, brightness, font size, etc.
	Wallpaper & style	Set and manage wallpaper settings.
	Accessibility	Set accessibility options such as screen magnification, hearing aid compatibility, etc.
	Security	Turn on Find My Device, set screen lock methods, password settings, etc.
	Privacy	Manage app permissions, set your account activity and personal data, etc.
	Location	View and manage apps using your location.
	Safety & emergency	Manage your emergency SOS, medical information and alerts.
	Passwords & accounts	Manage saved passwords, autofill, and synced accounts for all your email, social networking, and picture and video sharing accounts.
	Digital Wellbeing & parental controls	Statistics screen usage time, app timers, bedtime schedules, manage notifications, etc.
	Google	Check and set Google service options.
	DuraSpeed	Provides continual optimized high speed. Helps boost foreground app speed by restricting background Apps.
	System	Set language and time, manage reset options, enable backup, check phone updates, and view more important information about your phone.
	About phone	View information about your device.

Network & internet

Manage network and connectivity settings.

Internet

Connect your device to a Wi-Fi network

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap **Network & internet.**
3. Tap **Wi-Fi.**

4.Slide the Wifi switch to the **On** position to turn it on.

- Your phone will automatically search for available networks, and you will be able to see the names and security settings of in-range WiFi nelworks.
- **To disable WiFi, slide the WiFi switch to the Off** position.

5. **Tap the WiFi network you want to connect to, enter the password(if applicable), and tap CONNECT**. Your phone will be connected to the selected WiFi network,

- The password, for a household wireless LAN router is sometimes found on a sticker on the router(WEP, WPA, KEY,etc.)or QR code. Contact the router manufacturer for information. For the password for a public wireless LAN, check with user's service provider.
- Entering a password is not required if an aocess point is not securily protected.

Manually connect to a WiFi network

1. From the Home screen, swipe up to access Apps and tap Settings.
2.Tap **Network & internet>Wi-Fi.**

3.Slide the Use WiFi switch to the **On** position to turn it on.

4. Tap **Add network.**
5. Enter the required information.

- **Network name:**Enter the network name.
- **Security:** Select a security option and enter your password.
- Advanced options: Show advanced options, such as IP settings and Proxy settings.

Network preferences

Create and manage wireless access points.

- **Notify for public networks:** Enable or disable notifications when high-quality public networks are available.
- **Install certificates:**Allow authentication to access files.
- **WiFi Direct:** Connect to devices with WiFi Direct.

Saved networks

View your saved WiFi networks.

Non-carrier data usage

View and track your WiFi data usage.

Wi-Fi Calling

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Network & internet> Wi-Fi Calling**

- **Wifi Calling:** Slide the switch to the On position to enable WiFi Calling.

Note: To use WiFi Caling, you will need to set up an Emergency Address. When the Emergency Address is successfully set, you will see the WiFi Calling icon in the Status bar.

- **About WiFi Calling:** Tap to view more information about WiFi Calling.
- **Emergency Address:** Tap to update your emergency address to help emergency services find you if you call 911.

Note: You must have an active WiFi connection to send or receive calls and messages with WiFi Calling.

Mobile network

1. From the Home screen, swipe up to access Apps and tap Settings.
2. **Tap Network & internet > Mobile network**.

- Mobile Data: Slide the Mobile Data switch to the On position to enable data access on your mobile network. · International Data Roaming: Slide the switch to the On position to enable international data roaming.
- **App data usage:** Tap to view data usage of each app on the mobile network.
- **Data warnings & limits:** View the following data management options:
  - **App data usage cycle:** Set the date the data usage cycle resets.
  - Set data warning:Slide the switch to the On position to enable alerts when your mobile data usage reaches the amount set.
  - **Data waring:** Set the data usage amount. Your phone will notify you when it reaches the amount set. Data usage measured by your phone is an approximate amount, and it may differ from the actual amount.

- Set data limit: Slide the switch to the On position to enable data limits.
- **Data limit:S**et a data limit. Your phone will turn off mobile data when it reaches the limit set.

- **Carrier video calling:** Enable or disable carrier video calling.
- **Automatically select network:** Enable or disable the automatic selection of a mobile network.
- **Choose network**: Manually choose a mobile network.
- **Mobile network diagnostics**: Enable or disable mobile network diagnostics.
- **Access Point Names:**Select or add APNs.

Airplane mode

Disable all network communication.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Network & internet>Airplane mode**.

3.Slide the Airplane mode switch to the **On** position to activate Airplane mode.

Note: You can also access Airplane mode by dragging the Status bar down twice, scrolling to the right and tapping Airplane mode.

SIM cards

Tap to view your SIM card information.

Hotspot & tethering

Share your phone's internet connection with other devices.

Note: Using your phone as a mobile hotspot increases battery consumption and data usage.

Use your phone as a Mobile hotspot

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Network & internet >Hotspot & tethering>WiFi Hotspo**t.
3. **Slide the WiFi Hotspot switch to the On** position to activate the mobile hotspot.

- **Hotspot name:** Set the hotspot name.
- **Security:** Turn hotspot security on or off.
- **Hotspot password:** Tap to set a hotspot password.
- **Manage devices:** Tap to manage connected devices or to connect a new device.
- Turn off hotspot automatically: Slide the switch to the On position to turn off the hotspot automatically if no devices are connected.
- Extend compatibility:Slide the switch to the On position to help other devices find this hotspot.

USB tethering

Share your phone's internet connection via USB.

1. Connect your phone to the device that you want to share your internet with using a USB type-c cable before continuing to the next step.

2.From the Home screen, swipe up to access Apps and tap Settings.

3. Tap **Network & internet >Hotspot & tethering >USB tethering.**
4. **Slide the USB tethering switch to the On** position to enable USB tethering.

Bluetooth tethering

Share your phone's internet connection via Bluetooth.

1. From the Home screen, swipe up to access Apps and tap Settings
2. Tap **Network & internet >Hotspot & tethering>Bluetooth tethering.**
3. **Slide the Bluetooth tethering switch to the On** position to enable Bluetooth tethering.

Data Saver

Reduce data usage by preventing some apps from sending or receiving data in the background.An app you are currently using can access data, but may do so less frequently.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Network & internet >Data Saver.**

3. Tap to slide the Use Data Saver switch to the **On** position to enable the data saving feature.

- **Unrestricted data:** Tap to set up apps that will function with unrestricted access to data at all times.

VPN(Virtual Private Networks)

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

Add a VPN profile

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Network & internet >VPN.**

3. Tap Add VPN on the top right comer of the VPN screen to add a VPN profile.

4.Follow the prompts to set up a VPN.

Edit and delete a VPN

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Network & internet>VPN.**

3. Tap next to a VPN.

4. Edit the VPN and tap SAVE, or tap FORGET to delete the VPN.

Connect to a VPN

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Network & internet >VPN**.

3. Tap a VPN,enter your login information, and tap **CONNECT.**
   - To disconnect, tap the VPN, and tap **DISCONNECT.**

Mobile plan

Tap to view your mobile plan.

Private DNS

1. From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Network & internet>Private DNS.**

3. Select your Private DNS mode.

Connected devices

Manage setings for connected devices.

USB

Connect your phone with a computer using a USB cable to transfer data, share network connectivity, or charge your phone.

1.From the Home screen, swipe up to access Apps and tap Settings.

2.Tap **Connected devices>USB.**

- **USB controlled by:**
  - **Connected device:** Set the connected device to control the USB.
  - **This device:** Set your phone to control the USB.
- **Use USB for:**
  - **File Transfer:**Select to transfer files between your phone and your computer.
  - **USB tethering:** Select to set the USB tethering mode.
  - **MIDI:**Select to set this device as MIDI.
  - **PTP:**Select to transfer PTP photos.
  - **No data transfer:** Select to set No data transfer mode.

Pair new device

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Connected devices>Pair new device**.

3. Pair with a device shown in the Available devices list.

See all

View and manage all connected devices.

Connection preferences

Manage various connection preferences.

Bluetooth

Wirelessly hear calls, connect speakers, transfer data, and more.

Activate Bluetooth

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap **Connected devices>Connection preferences > Bluetooth.**
3. Slide the Bluetooth switch to the **On** position to turn it on.

Pair a Bluetooth device

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Ta**p Connected devices>Connection preferences>Bluetooth.**
3. Tap **Pair new device.**
4. Select the device you want to connect with in the Available devices list and follow the prompts to connect.
   - Make sure the device you want to connect with is discoverable via Bluetooth.
   - Depending on the device,you may be required to enter oraccept a passkey.

Rename a paired device

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap Connected devices.
3. Under PREVIOUSLY CONNECTED DEVICES, tap Settings next to a paired device name.
4. Tap Edit, enter a new name, and tap RENAME to save.

Disconnect from a paired device

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap Connected devices>Tap Settings next to a paired device name, and tap DISCONNECT.

Search for other devices

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap Connected devices>Connection preferences>Bluetooth>Pair new device.

Receive data via Bluetooth

When a device attempts to send a file to your phone using Bluetooth, you will be prompted to accept or decline the request.

1. Tap ACCEPT.
2. To view the file received, swipe the Status bar down and tap Bluetooth share: Received files, or locate the file from Bluetooth settings menu.

Open received files

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap Connected devices>Connection preferences.
3. Tap Files received via Bluetooth.
4. Tap an item to open it.

NFC

Allow data exchange when the phone touches another NFC-capable device.

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap Connected devices>Connection preferences>NFC .
3. Slide the switch to the On position to turn it on.

Cast

Scan for nearby devices to connect to and set them up.A notification will appear when there are available devices to connect to.

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap Connected devices>Connection preferences>Cast.
3. Tap a device to connect.

Android Beam

When this feature is turned on, you can beam app content to another NFC-capable device by holding the devices close together.

Printing

Connect your device to a printer on the same WiFi network.

Add printer

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap **Connected devices>Connection preferences>Printing.**
3. Tap **Default Print Service.**
4. **Slide the switch to the On** position to turn it on.
5. Tap **Menu>Add printer.**
6. Tap an option to add a printer by IP address or by WiFi Direct.

Chromebook

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Connecteddevices>Connection preferences>Chromebook**
3. Tap to manage connections with your Chromebook.

Android Auto

Use apps on your car screen.

Apps

View current running applications and manage notifications, permissions, and more.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Apps.**

Recently opened apps

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Apps** to view recently opened apps.

3. Tap an app to view detailed information. Tap DISABLE to disable this app, or tap FORCE STOP to stop this app.

Default apps

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Apps>Default apps**.
3. Tap to set the default app for the browser, phone, messaging, etc.You can also set default apps for opening links.

Screen time

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap **Apps>Screen time.**
   - You can tap Set timers for your apps to set daily timers for most apps.When the app timer ends, the app is paused for the rest of the day.

Unused apps

View and manage your unused apps.

1. From the Home screen, swipe up to access Apps and tap Settings.
2. **Tap Apps>Unused apps**.

Special app access

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Apps>Special app access.**

3. Tap to view app access for special functions, such as battery optimization, display over other apps, unrestricted data, usage access, etc.

Notifications

Manage app notification, permissions, and more.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Notifications.**

Manage

- **App settings:** Tap to modify application notification and permission settings.
- Notification history: Slide the switch to the On position to enable notification history.

Conversations

- **Conversations:** Tap to set priority conversations.
- Bubbles: Slide the switch to the On position to allow apps to show bubbles when a new notification is available.

Privacy

- **Device & app notifications:** Tap to control which apps and devices can read notifications.
- **Notifications on lock screen:** Tap to show conversations, default and silent.

General

- **Do Not Disturb:**Enable, disable, and manage your device Do Not Disturb settings.
- **Wireless Emergency Alerts:** Tap to manage wireless emergency alert notification settings.
- Hide silent notifications in status bar: Slide the switch to the On position to automatically hide silent notifications in the status bar. · Allow notification snoozing: Slide the switch to the On position to allow temporarily snoozing certain notifications.
- Notification dot on app icon: Slide the switch to the On position to allow notification dots on app icons.
- Enhanced notifications: Slide the switch to the On position to automatically show suggested actions and replies.

Battery

Monitor your phone's battery usage through the Battery settings menu. Check the battery consumption and percentage.

1. From the Home screen, swipe up to access Apps and tap Settings.

2. Ta**p Battery**

Battery Usage

Monitor the amount of battery being used by apps from the last full charge. If battery usage increases too much, your phone will suggest actions you can take.

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap Battery, then tap Battery Usage to ensure apps are running normally.

Battery Saver

1. From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Battery>Battery Saver.**
   - **Slide the switch to the On** position to turn Battery Saver on. The Battery Saver will automatically tum off when the phone is plugged in and turn on when the phone is unplugged.
   - **Set a schedule:** Tap Based on percentage and drag the slider to the percentage you need.The Battery Saver will turn on automatically when your phone reaches that battery percentage.
   - Turn off when charged: Slide the switch to the On position to allow the Battery Saver to automatically turn off when the phone charges above 90%.

Battery Manager

Detect when apps are draining the battery.

1. From the Home screen, swipe up to access Apps and tap Settings.

2.Tap **Battery>Battery Manager.**

- Use Battery Manager: Slide the switch to the On position to enable the battery manager.
1. **Restricted apps:** Tap to view and manage apps that are restricted from background battery usage.

Battery percentage

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap Battery and slide the switch to the **On** position to show the battery percentage in the Status bar.

Sforage

The Storage settings menu allows you to manage internal storage on your phone and provides menu choices for an optional SD card (not included).

1.From the Home screen, swipe up to access Apps and tap Settings.

2.Tap **Storage**

3.Delete backed up files by tapping **Free up space.**

Sound & vibration

The Sound settings menu lets you control your phone's audio, from ringtones and alerts to tap tones and notifications.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Sound.**

Media volume

Drag the slider to adjust the media and alert notification volume.

Call volume

Drag the slider to adjust the call volume.

Ring & notification volume

Drag the slider to adjust the ring and notification volume.

Alarm volume

Drag the slider to adjust the alarm volume.

Do Not Disturb

Tap to manage Do Not Disturb settings. Some notifications wil be silenced when Do Not Disturb is turned on.

Phone ringtone

Select a ringtone for incoming phone calls. You can customize your own ringtone by tapping Add ringtone.

Media

Tap to show player and manage preferences.

- Pin media player: Slide the switch to the On position to quickly resume playback, media player stays open in Quick settings.
- Show media recommendations: Slide the switch to the On position to automatically show media recommendations based on your activity.

Vibrate & haptics

Slide the switch to the On position to activate vibration for calls.

Default notification sound

Select the default notification sound. You can customize your own notification sound by tapping Add notification.

Default alarm sound

Select the default alarm sound. You can customize your own alarm sound by tapping Add alarm.

Dial pad tones
Slide the switch to the **On** position to turn dial pad tones on.

Screen locking sounds
Slide the switch to the On position to turn on screen locking sounds.

Charging sounds and vibration
Slide the switch to the On position to turn on charging sounds and vibrations.

Touch sounds
Slide the switch to the On position to turn on touch and keyboard sounds.

Always show icon when in vibrate mode
Slide the switch to the On position to always show icon in vibrate mode.

Display
Use the phone's Display settings menu to adjust items such as wallpaper, brightness, screen timeout, and more.

1. From the Home screen, swipe up to access Apps and tap Settings.
2. **Tap Display**.

Brightness level
Tap to adjust the screen brightness level. Drag the slider to manually adjust the brightness level.

Adaptive brightness
Slide the switch to the On position to enable Adaptive brightness. When turned on, your phone will automatically adjust screen brightness based on the lighting conditions.

Lock screen
Manage what will show on the lock screen.

Screen timeout
Tap to set screen timeout. Your screen will automatically go to sleep after the set amount of time.

Dark theme
Slide the switch to the **On** position to enable the dark theme.

Display size and text
- **Font size:** Drag the slider to adjust the font size.
- **Display size**: Drag the slider to adjust the display size.
- Bold text: Slide the switch to the On position to bold text.
- High contrast text:Slide the switch to the On position to change the text color to black or white and maximize the contrast with **the background.**
- **RESET SETTINGS:** Tap to reset these settings to you devices factory default.

Night Light
Tap to set a Night Light schedule and intensity. You can also enable automatic Night Light until sunrise.

Colors
Set the color settings on the phone. Choose from Natural, Boosted, or Adaptive.

Auto-rotate screen
Slide the switch to the **On** position to enable screen rotation.

Network name
Slide the switch to the **On** position to display the network name in the status bar.

Screen saver
Slide the switch to the **On** position to use a screen saver.

Lift to wake

Slide the switch to the **On** position to allow lift to wake. Your screen will turn on when you pick up your phone.

Accessibility

The Accessiblity settings menu allows you to manage accessibilityrelated apps. Accessibility services are special features to make the device easier to use for those with certain physical disabilities.

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap **Accessibility**

Select to Speak

When Select to Speak is on, you can tap specific items on your screen to hear them read aloud.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Accessibility>Select to Speak.**

3.Slide the switch to the **On** position to allow select to speak.

TalkBack

When TalkBack is on, it provides spoken feedback so that you can use your device without looking at the screen.

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap **Accessibility> TalkBack.**
3. **Slide the switch to the On** position to allow TalkBack.

Display size and text

Tap to manage text and display settings.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Accessibility >Text and display**.
   - **Font size:** Drag the slider to adjust the font size.
   - **Display size**: Drag the slider to make the items on your screen smaller or larger.
   - Bold text:Slide the switch to the On position to bold text.
   - **Color correction:** Enable color correction. This may affect performance.
   - **Color inversion:** Enable color inversion. This may affect performance.
   - **Remove animations:** Enable or disable animations.
   - **Large mouse pointer:**Enable the large mouse pointer function.
   - High contrast text: Slide the switch to the On position to enable high contrast text display.

Color and motion

1.From the Home screen. swipe up to access Apps and tap Settings.

2. **Tap Accessibility> Color and motion**
   - Color correction: Tap and slide the switch to the On position to use color correction.
     - Choose the color correction setting.
     - **Color correction shortcut: Slide the switch to the On** position to allow.
   - Color inversion: Tap and slide the switch to the On position to use color inversion.
     - **Color inversion shortcut:Slide the switch to the On** position to allow.
   - Dark theme: Slide the switch to the On position to activate dark theme. Dark theme will never turn on automatically. · Remove animations: Slide the switch to the On position to reduce movement on the screen.
   - Large mouse pointer:Slide the switch to the On position to make the mouse pointer more noticeable.

Extra dim

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap **Accessibility >Extra dim.**
3. **Slide the switch to the On** position to dim the screen beyond your phone's minimum brightness.

Magnification

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Accessibility> Magnification**
   - Magnify shortcut: Slide the switch to the On or Off position to enable or disable zooming in on the screen by pinching or touching and holding.
   - **Magnify type:** Switch between full and partial screen.

Accessibility Menu

Control your phone from alarge onscreen menu.Lock your phone, control volume and brightness, take screenshots, and more.

1. From the Home screen, swipe up to access Apps and tap Settings.
2. **Tap Accessibility>Accessibility Menu**.
3. Slide the switch to the On or Off position to enable or disable the accessibility menu.

Switch Access

Interact with your Android device using one or more switches instead of the touchscreen.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Accessibility>Switch Access**.
   - Use Switch Access: Slide the switch to the On or Off position to enable or disable switch access.
   - Switch Access shortcut:Slide the switch to the On or Off position to enable or disable switch access shortcut.

Timing controls

Adjust the settings for the Touch & hold delay, Time to take action, and Autoclick.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Accessibility> Timing controls.**
   - **Touch & hold delay:** Set the touch & hold delay to Short, Medium, or Long.
   - **Time to take action(Accessibility timeout):**Choose how long to show messages that ask you to take an action.
   - **Autoclick(dwell timing):**Enable automatic clicking when using a mouse. When enabled, you can drag the slider to adjust the amount of time between the mouse stopping and the click.

System controls

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Accessibility>System controls.**
   - **System Navigation:** Manage system navigation options.
   - **Power button ends call:** Enable ending calls by pressing the Power key.
   - **Auto-rotate screen:** Enable or disable screen rotation.See "Portrait and landscape screen orientation"on page 29 for more information.

Vibration & haptics

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap **Accessibility> Vibration & haptics.**
3. Slide the switch to the On position to Use vibration & haptics. ·
   Ring vibration: Tap to turn Ring vibration On or Off.
   - Vibrate first then ring gradually: Tap to turn this setting On or Off.
   - Notification vibration: Tap to turn Notification vibration On or Off.
   - Alarm vibration: Tap to turn Alarm vibration On or Off.
   - Touch feedback: Tap to turn Touch feedback On or Off.
   - Media vibration: Tap to turn Media vibration On or Off.

Caption preferences

Enable or disable captions. You can also set caption display language, text size, and caption style.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Accessibility> Caption preferences**
   - **Caption size and style:** Tap to set the Text size and Caption style settings.

- **More options:** Tap to set your language preference.

RTT Call Button

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Accessibility > RTT Call Button.**

3. Manage RTT call options.
   - RTT operation mode: Tap to set RTT preferences.
     - **Visible during calls**: Allows access to the RTT call button during calls.
     - **Always Visible:** Always allows access to the RTT call button, and to turn the transcript of history on and off.

Audio descripfion

Hear a description of what's happening on screen in supported movies and shows.Tap to enable or disable this feature.

Hearing aids

Tap to view all hearing aid devices paired to your phone. If you have not yet paired hearing aids, follow the prompts on the screen to pair new hearing aids.

Audio adjustment

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Accessibility>Audio adjustment**.
   - **Mono audio:**Enable combining channels when playing audio.
   - **Audio balance:** Drag the slider to adjust the audio balance from the left to right speaker.

Accessibility shortcuts

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Accessibility>Accessibility shortcuts.**
   - **Accessibility button:**Quickly access accessibility features from any screen.
   - Shortcut from lock screen: Slide the switch to the On position to enable using the Volume key shortcut from the lock screen.
     - When the shortcut function is turned on, you can press both Volume keys for 3 seconds to access accessibility services.

Text-to-speech output

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Accessibility>TexHospeech output.**
   - **Preferred engine:** Tap to set the tex+to-speech engine(Google is default). Tap to manage text+tospeech settings. ·
   Language: Tap to set the language for using this function.
   - **Speech rate:** Drag the slider to adjust speech rate.
   - **Pitch:** Drag the slider to adjust pitch.
   - **Tap PLAY** to play the example.
   - **Tap RESET** to reset all TexHo-speech settings to the default settings.

Security

The Security settings will help you to secure your device, protect your data, and keep your privacy.

1. From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Security.**

Google Play Protect

Google will regularly check your device and prevent/warn you of potential harm.Only apps from Play Store will be checked.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Security>Google Play Protect.**
   - **Tap Scan** to start scanning your device for harmful apps.
   - **Tap Settings t**o view Play Protect settings:

- **Slide the Scan apps with Play Protect switch to the On** position to enable regular scanning for harmful apps on your device.
- **Slide the Improve harmful app detection switch to the On** position to enable sending unknown apps to Google for better detection.

Find My Device

Find My Device helps you locate your device remotely, keeping your data safe in the event that your phone is lost.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Security>Find My Device.**

3.Slide the switch to the **On** position to activate Find My Device.

- There are several methods available to locate your device.

Security update

Check for new soffware updates for your device.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Security>Security update**.
3. **Tap Check for update t**o check for the latest updates.

Screen lock

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Security>Screen lock.**

- **None:** Disable any screen lock.
- **Swipe:** Tap to set swipe to unlock.
- **Pattem:** Tap to set an unlock pattern. Follow the prompts to finish the settings.
- **PIN:** Tap to set a PIN code as the screen unlock method.
- **Password:** Tap to set a password as the screen unlock method.

Important: To protect your phone and data from unauthorized access, it is recommended that you use the highest security level available (Password protection).It is also recommended you frequently change your password to ensure the safety of your phone and personal data.If you failed to enter the correct pattern, PIN, or password, after five attempts, you will be prompted to wait for 30 seconds before you can try again.

Face & Fingerprint Unlock

Tap to set up Face Unlock and choose your backup screen lock method.

1. From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Security>Face & Fingerprint Unlock**.

- **Pattern +Face + Fingerprint:** Tap to set an unlock patter. Follow the prompts to finish the settings.
- **PIN + Face + Fingerprint:** Tap to set a PIN code as the screen unlock method.
- **Password +Face + Fingerprint:** Tap to set a password as the screen unlock method.

More security settings

Smart Lock

Unlock your device automatically in certain conditions. For more information about Smart Lock, tap **Menu>How it works or Help.**

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Security >Smart Lock.**

- On-body detection: Tap and slide the switch to the On position to activate.Your device will now be kept unlocked while it is on you.
- **Trusted places:** Tap to add a trusted location where the device can remain unlocked.
- **Trusted devices:** Tap to add a second device that keeps your device unlocked when it is nearby.

Device admin apps

1. From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Security>Device admin apps**.

Enable or disable Device admin apps according to your preference.

SIM card lock

1. From the Home screen, swipe up to access Apps and tap Settings.
2. **Tap Security>SIM card lock**.
   - Slide the Lock SIM card switch to the On position to enable SIM card lock. SIM lock will require you to enter a PIN to use your device.
   - **Tap Change SIM PIN t**o change the PIN code.

Encryption & credentials

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Security>Encryption & credentials.**
   - **Encrypt phone:**Your phone is already encrypted.
   - **Trusted credentials:** Tap to view trusted security certificates.
   - **User credentials:** Tap to view and modify stored credentials.
   - **Install from SD card:** Tap to install cerificates from the SD card.
   - **Clear credentials:**Tap to remove all certificates.

Trust agents

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Security> Trust agents**.

View your trusted agents. Slide the switch to the **On or Off** position to turn them on or off.

App pinning

1. From the Home screen, swipe up to access Apps and tap Settings.

2.Tap **Security>Advanced>App pinning.**

3. Slide the switch to the On or Off position to turn it on or off. When turned on, you can use app pinning to keep the current app in view until you unpin it.

Privacy

The Privacy settings will help you to secure your device, protect your data, and keep your privacy.

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap **Privacy**.

Permission dashboard

View permission for apps that use your camera, location, microphone, contacts,storage, etc.

Permission manager

Control permission for apps that use your camera, location, microphone, contacts, storage,etc.

Camera access

Slide the switch to the On position to allow the use of the camera by all apps.

Microphone access

Slide the switch to the On position to allow the use of the microphone by all apps.

Show passwords

Slide the switch to the On position to display characters briefly as you type passwords.

Notifications on lock screen

Choose to show or hide notification content on the lock screen.

Show clipboard access

Get suggestions based on the people, apps, and content you interact with.

Autofill service from Google

Autofill your information from your Google account.

1.From the Home screen, swipe up to access Apps and tap Settings.

2.Tap **Privacy>Autofill service from Google >CONTINUE.**

3.Fil in the categories with information you'd like to autofill such as address, payment methods, etc.

Google location history

Tap to view your location history.

Activity controls

Choose the activities and information you allow Google to save.

Ads

Tap to control advertising ID and personalization.

Usage & diagnostics

Share data to help improve Android.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **Privacy>Advanced >Usage & diagnostics.**
3. **Slide the switch to the On** position to enable Usage & diagnostics.

Location

The Location settings will help you to secure your device, protect your data, and keep your privacy.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Location**.
3. **Slide the use location switch to the On** position to turn location services on.

Recent access

View a list of apps that have recently requested your location.

App location permissions

Tap to view which apps have permission to aocess location services.

Location services

Tap to view and manage a list of location services permissions.

- Emergency Location Services: Slide the switch to the On position to turn Emergency Location Services(ELS) on. When you call or text an emergency number, your device will use ELS to automatically send your location to emergency responders.
- Google Location Accuracy:Slide the Google Location Accuracy switch to the On position to use GPS, Wifi, Bluetooth, mobile networks, and sensors to determine your location.
- **Google Location History:** Tap to view your location history.
- **Google Location Sharing:** Tap to share your location.
- **Wifi scanning:**Improve location accuracy by allowing system apps and services to detect Wifi networks at any time.
- **Bluetooth scanning:** Improve location accuracy by allowing system apps and services to detect Bluetooth devices at any time.

Safety & emergency

Set up and manage emergency SOS, medical information, aleris, and more.

1. From the Home screen, swipe up to access Apps and tap Settings.

2.Tap **Safety & emergency**.

OPEN PERSONAL SAFETY

Tap to add your personal emergency information. Adding medical information and emergency contaocts can help first responders in an emergency.

- **Tap Name** to add your name.
- **Add information:** Tap + to add detailed emergency information such as Name, Address, Blood type, Allergies, Medications, Organ doner information, and Medical notes.
- **Add contact:** Tap + to add an emergency contact.

Medical information

Tap to view and edit your personal medical information. Adding medical information can help first responders in an emergency.

Emergency contacts

Tap to view and edit your emergency contacts. Adding emergency contacts can help first responders in an emergency.

Emergency SOS

1. Slide the switch to the **On** position to turn emergency SOS on. When it is on. you can press the Power button quickly 5 times or more to start the emergency SOS actions.
   - Play countdown alarm: Slide the switch to the On position to automatically play a loud sound when emergency SOS is started. ·
   Call for help: Automatically calls your emergency contact number.The default is 911, but you can tap to change it.

Note: If you enter a nonemergency number, your device must be unlocked to use Emergency SOS and your call might not be answered.

Crisis alerts

Get notified about natural disasters and public emergencies affecting your area.

Emergency Location Services

When Emergency Location Services is turned on, and if ELS is supported in your region, when you call or text an emergency number,your device will use ELS to automatically send your location to emergency responders.

Wireless Emergency Alerts

View and manage your Wireless Emergency Alert settings.

1. **Tap and slide the switch to the On** position to allow alerts. When Wireless Emergency Alerts is turned on, you will receive selected emergency alert communications.
2. You can change the alert settings by sliding the switch to the On or Off position.
   - **National alerts:** National alerts cannot be turned off.
   - **Extreme threats:** Extreme threats to life and property.
   - **Severe threats:** Severe threats to life and property.
   - **AMBER alerts:** Child abduction emergency bulletins.
   - **Public safety messages:** Recommended actions that can save lives or property.
   - **State and local tests:** Receive test messages from state and local authorities.
   - **Emergency alert history:** View all previous alerts.
   - **Vibration:**Enable or disable vibration.
   - **Alert reminder:** Schedule alert reminders. A reminder sound will play at regular volume Once, Every 2 minutes, Every 15 minutes, or Never.
   - **Spanish:** Receive emergency alerts in Spanish when possible.

Passwords & accounts

Set up and manage all of your accounts, including your Google Account and other social networking accounts, through the Passwords & accounts settings menu.

Add account

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap Passwords & accounts>Add account**.
3. Tap the type of account you want to add.

4.Follow the prompts to enter your credentials and set up the account.

- For more information about setting up a Google account, see "Google account" on page<OV≥

Automatically sync app data

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Ta**p Passwords & accounts>Automatically sync app data**.
3. **Slide the Automatically sync data switch to the On** position to activate automatic data syncing.

Digital Wellbeing & parental controls

Your Digital Wellbeing tools

Use app timers and other tools to keep track of screen time and unplug more easily.

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap **Digital Wellbeing & parental controls**.

Ways to disconnect

- **Dashboard:** View your screen time and set timers for your apps.
- **Bedtime mode:** Silence your phone and change your screen to black and white at bedtime. Only alarms and important calls can reach you.
- **Focus mode:** Pause distracting apps when you need time to focus.

Reduce interruptions

- **Manage notifications:** Enable or disable the notifications of apps.
- **Do Not Disturb:** Mute your device, but allow exceptions such as calls or texts from certain contacts.
- **Heads Up:** If you are walking while using your phone, get a reminder to focus on what's around you.

Show icon in the app list

Slide the switch to the On position to enable icons in the app list.

Parental controls

Add content restrictions and set other limits to help your child balance their screen time.

Google

Configure your device's Google settings. Available options depend on your Google account.

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap **Google**
3. Select an option to customize your Google account settings.

DuraSpeed

DuraSpeedis a booster providing continual optimized high speed. Helps boost foreground app speed by restricting background Apps.

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap DuraSpeed.
3. Slide the switch to the On position to enable DuraSpeed.
4. Slide the switch to the On position next to apps to allow them to run in the background.

System

Manage detailed settings for your phone, including language and input settings, battery and storage, date and time,etc.

Languages & input

Set the language for the phone's menus and keyboards, select and configure keyboard settings, configure speech input settings, and more.

Languages

1. From the Home screen, swipe up to access Apps and tap Settings.
2. Tap System >Language &input>Languages.
3. View your languages.

- When more than one language has been added, you can touch and hold the language, then drag it up to the first position to set as the default display language.
- **To add alanguage, tap Add a language,** then select the language you want to add.
- To remove a language, tap **Menu>Remove.**

App Languages
Set the languages for each app.

Keyboards
- **On-screen keyboard:** View your virual keyboard settings.
  - **Manage on-screen keyboards**: Activate or deactivate your virtual keyboards.
- **Physical keyboard:** View your physical keyboard settings.
  - Use on-screen keyboard: Slide the switch to the On or Off position to enable or disable displaying an on-screen keyboard while a physical keyboard is active.
  - **Keyboard shortcuts helper** Tap to set keyboard shortcuts.

Speech
- **Voice input:** Speech Services by Google.
  - Add a language and manage offline languages.
  - Auto update languages.
  - **Advanced:** Download languages.
- **TexHospeech output**: Manage settings on the textto-speech function.
  - Select your preferred engine.
  - Set your preferred speech rate by adjusting the slider.
  - Set your preferred pitch by adjusting the slider.

Tools
- Spell checker: Slide the switch to the On or Off position to enable or disable the spell checker.
- **Personal dictionary: A**dd custom words to your personal dictionary. Tap Add to add a word to the dictionary. ·

Pointer speed: Set the speed of the pointer for a mouse/track pad.

Gestures

Quickly open camera
Open the Camera app from any screen by quickly pressing the Power key twice. Slide the switch to the **On** position to enable.

System navigation
Tap ne**xt to Gesture navigation or 3-buton navigation** to select.
- **Gesture navigation:** Select to use gestures to preform certain actions on your device.
  - To get Home, swipe up from the bottom of the screen.
  - To switch apps, swipe up from the bottom of the screen, hold, then release.
  - To go back, swipe from wither the left or right edge.
- **3button navigation:** Select to use the navigation buttons at the bottom of your screen to go back, Home, and switch apps.

Press and hold power button
Press and hold for the Assistant.

Prevent ringing
To enable, first change "Press and hold power button" to the power menu.

Date & time
1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap System > Date & time**.
   - **Set time automatically:** Tap to automatically use the networkprovided time and date provided by a connected WiFi network. Disable this function to manually enter the date and time.
   - Set date: Tap to set date manually. This option is available only when the Use network/GPS-provided time function is disabled.

· Set time: Tap to set time manually. This option is available only when the Use network/GPS-provided time function is disabled. · Automatic time zone: Slide the switch to the On position to automatically set the time zone.

· Select time zone: Manually select your time zone. This option is available only when the Automatic time zone function is disabled. · Use location to set time zone: Slide the switch to the On position to use your device location to set the time zone.

· Use locale default:Slide the switch to the On position to use the default time format.

· Use 24hour format: Slide the switch to the On position to enable the 24hour time format.

Backup

Your phone's Backup settings let you back up your phone's data and settings to Google servers before resetting your phone to the original factory settings.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. **Tap system >Backup**.

3. Select Turn on to enable Back up your device with Google One, or select Not now to go back to the previous screen.

- **Back up automatically:** Your phone is backed up when it's on, locked, and connected to power and WiFi.
- **Store your data**: Backups are securely encrypted and uploaded to your Google Account. Some data is also encrypted using your phone's screen lock.
- **Manage your backup easily**: You can turn off backups or view details in your device settings.

System updates

Check for system updates.

Multiple users

You can share this device with other people by creating additional users.Each user has their own space, which they can customize with apps, wallpaper, and so on. Users can also adjust device settings, like WiFi, that affect everyone. Slide the switch to the **On** position to enable Multiple users.

Edit your profile

1. From the Home screen, swipe up to access Apps and tap Settings
2. **Tap System > Multiple users>You(Owner)**.
3. Enter a name.
4. Tap to add a photo.
5. **Tap OK** to confirm.

Reset options

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **System > Reset options.**

- Reset Wifi, mobile & Bluetooth: Reset all network settings, including Wifi, Mobile data, and Bluetooth. Tap RESET SETTINGS to reset.

Reset app preferences: Reset all app preferences, including disabled apps, disabled app notifications, default apps, background data restrictions,etc. Tap **RESET APPS** to reset.

- **Erase all data (factory reset):** Completely erase all data from your phone's internal storage and reset the device to factory settings. Tap Erase all data to reset.

Note:Performing a factory reset will also erase any data on an installed SD card.Unmount the card to avoid losing any data you may have stored on it.

About phone

Access important phone information, search for and apply updates, and view legal and safety information.

1.From the Home screen, swipe up to access Apps and tap Settings.

2. Tap **About phone.**

- **Device name:** Tap to edit your phone's display name.
- **Phone number**: Display your phone number.
- **Legal information:** View your device's legal information, including third-party licenses, Google legal, system web view

SIM status: View your SIM status information, such as the Network, Phone number on SIM, Mobile network state, etc.

- **Model:** View your device model information.
- **IME:** View your IMEI
- **Android version:** View your device's current Android version and other relevant information.
- **IP address:** View your IP address.
- **Wifi MAC address:** View your device WiFi MAC address.
- **Device Wifi MAC address:** View your WiFi MAC address.
- **Bluetooth address:** View your Bluetooth address.
- **Up time**: View the time your device has been running, measured from time of the last restart or powerup. ·

Build number: View your build number.

- **Custom build version:** View your custom build version.

Getting help

The topics in this section will cover troubleshooting tips and phone specifications.

For assistance

Troubleshooting

Check below for solutions to common problems you may experience.

Problem: The phone freezes or operations are unstable.

Solution: Restart the device. Press and hold the Power key. then tap Restart.

Note: Data that was being edited will be erased when the device is restarted.

Problem: The device starts freezing after installing a new app.

Solution: The newlyinstalled app may be causing the device to freeze. Uninstall the app in Safe mode. To enable Safe mode:

- Press and hold the Power key, then touch and hold Power off. Read the disclaimer for Safe mode, and then tap OK.
  - After turning the phone on in Safe mode."Safe mode"will appear at the bottom left corer.
  - After restarting in Safe mode, your phone can be powered on as usual.
  - Before enabling Safe mode, it is recommended that you back up important data.
- To exit Safe mode, restart the device. Press and hold the Power key, then tap Restart. The phone will reboot in normal mode.

Problem: The phone will not make calls, send messages, check email, or connect to the Internet.

- **Solution 1:**The network signal may be too weak or you may be out of the service area. Return to an area with a strong network signal.
- Solution 2: Restart the device.Press and hold the Power key, then tap Restart.
- Solution 3:Make sure Airplane mode is not active. From the Home screen, swipe up to access Apps and tap Seftings>Network & internet> Airplane mode and ensure the switch is in the Off position.
- Solution 4: Make sure mobile data is enabled. From the Home screen, swipe up to access Apps and tap Settings>Network & internet> Mobile network and ensure the switch is in the On position.

Problem: The battery drains too quickly.

Solution: Making calls or connecting to a mobile network outside of your service area will drain the battery. Certain apps and functions can also drain the batlery.

Tip: You can enable the Battery Manager to help identify which apps are draining the battery. From the Home screen, swipe up to aocess Apps and tap Settings>Battery >Battery Manager and slide the switch to the On position.

Problem: An app will not download or install.

- **Solution 1:** Make sure the device has room for the app. Apps may not be installed with minimal free space on the phone or SD card.To check free storage space, see "Storaae"on paae<OV2
- **Solution 2:** The app is not supported by your phone.Make sure your software version is up to date and download any updates.

Problem: The phone will not unlock.

- **Solution 1:** Make sure you entered your pattern/PIN/password correctly.
- Solution 2: Restart the device.Press and hold the Power key, then tap Restart.

Note: Data that was being edited will be erased when the device is restarted.

Specifications

The following tables list your phone's and battery's specifications.

Phone specifications

Specification	Description
Weight	Approx.213g/7.51oz
Continuous talk time	Up to 26 hours
Continuous standby time	Up to 969 hours
Charging time	Approx. 2.5 hours
Dimensions(WxHxD)	170.4*78.8*8.8mm
Display	6.75”HD
Processor	MediaTeK MT6835V/TZB, Octa-Core 2.4 GHz
Cameras	50AF&5mp wide &2MP depth /8MP FF
Memory	6GB RAM, Up to 128GB internal memory microSD support up to 512GB
Communication speed	UMTS B1/2/4/5/8 LTE B2/4/5/12/14/29/30/66/17/B3/B7/B20 Sub-6 n5,n2,n30,n66,n77
Android version	Android 15

Battery specifications

Item	Description
Voltage	3.87 V
Type	Lithium Polymer (Nonremovable)
Capacity	Typical capacity: 5000 mAh

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Safety and use

The topics in this section will introduce how to use your mobile device safely.

Please read before proceeding

THE DEVICE IS NOT FULLY CHARGED WHEN YOU TAKE IT OUT OF THE BOX.DO NOT ATTEMPT TO REMOVE THE BATTERY PACK.

Important health information and safety precautions

When using this product, the safety precautions below must be taken to avoid possible legal liabilities and damages. Retain and follow all product safety and operating instructions. Observe all warnings in the operating instructions on the product.
To reduce the risk of bodily injury, electric shock, fire and damage to the equipment, observe the following precautions.

Electrical safety

This product is intended for use when supplied with power from the designated battery or power supply unit.Other usage may be dangerous and will invalidate any approval given to this product.

Safety precautions for proper grounding installation

Warning: Connecting to improperly grounded equipment can result in an electric shock to your device.
This product is equipped with a USB Cable for connecting with a desktop or notebook computer.Be sure your computer is properly grounded(earthed) before connecting this product to the computer. The power supply cord of a desktop or notebook computer has an equipment grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Safety precautions for power supply unit

Use the correct external power source

A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.
This product should be operated only with the following designated power supply unit(s).
Travel charger: Input: 100-240V, 50/60Hz,0.3A.Output:5V,2000mA,10W.

Battery must be used with caution

This product contains aLithiumron battery. There is a risk of fire and burns if the battery pack is handled improperly.Do not attempt to open or service the battery pack. Do not disassemble, crush, puncture, short circuit the external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures higher than 131°F(55℃).The operating temperature for the phone is 14°F(-10℃)to 131°F(55 ℃).
The charging temperature for phone is 32°F(0 ℃)to 131°F(55 ℃).

Warning: Battery is non-removable.Do not attempt to remove the battery for danger of explosion.
To reduce risk of fire or burns, do not disassemble crush, puncture, short circuit the external contacts expose to temperature above 104°F (40℃),or dispose of in fire or water. Do not attempt to replace the nonremovable battery. The phone and battery as a unibody device must be disposed of in accordance with locally applicable environmental regulations or guides supplied with your product.

Take extra precautions

·Do not disassemble or open, crush, bend or deform, puncture or shred.
·Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
·Device usage by children should be supervised.
·Forthose host devices that uitilize a USB port as a charging source, the hostdevice's usermanua sha incude a statement that the device sha onw beconnected to CTIA Certification certified adapters, products that bearthe USB-IF logo or products that have completed the USB-IF compliance program.
·Replace the battery only with another battery that has been qualified with thesystem per this standard, IEEE-Std-1725.Use of an unqualifed battery maypresent a risk of fire,explosion, leakage or other hazard. Only authorizedsemice providers shall replace battery.
·Do not replace an embedded battery(non-user replaceable). Improperreplacement may present a risk of fire, explosion, leakage or other hazardContact the manufacturer for replacement instructions.

·Only use the battery with a charging system that has been qualified with thesystem per this document. Use of an unqualifed battery or charger maypresent a risk of fire,explosion, leakage, or other hazard.
·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.

·The device identifies the battery by the Battery NTC Pin.

· Avoid dropping the phone. If the phone 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. If the battery leaks:

·Do not allow the leaking fluid to come into contact with skin or clothing. If already in contact, flush the affected area immediately with clean water and seek medical advice.
·Do not allow the leaking fluid to come into contact with eyes. If already in contact, DO NOT rub; rinse with clean water immediately and seek medical advice.
·Take extra precaution to keep a leaking battery away from fire as there is a danger of ignition or explosion.

Safety precautions for direct sunlight

Keep this product away from excessive moisture and extreme temperatures.Do not leave the product inside a vehicle ar in places where the temperature may exceed 113°F(45℃), such as on a car dashboard, windowsill, or behind a glass that is exposed to direct sunlight or strong ultraviolet light for extended periods of time. This may damage or overheat the product or pose a risk to the vehicle.

Prevention of hearing loss

Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.

Safety in aircraft

Due to possible interference caused by this product to an aircraft's navigation system and its communications network, using this device's phone function on board an airplane is against the law in most countries.If you want to use this device when on board an aircraft, remember to turn off the RF on your phone by switching to Airplane Mode.

Environment restrictions

Do not use this product near gas stations, fuel depots, chemical plants or where blasting operations are in progress, or in potentially explosive atmospheres such as fueling areas, fuel storehouses, below deck on boats, chemical plants, fuel or chemical transfer or storage faclities, and areas where the air coniains chemicals or particles, such as grain, dust, or metal powders.Please be aware that sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Explosive atmospheres

When in any area with a potentially explosive atmosphere or where flammable materials exist, the product should be turned off and the user should obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised not to use the equipment at refueling points, such as service or gas stations, and are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. These include fueling areas, below deck 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.

Road safety

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) causes distraction and can lead to an accident. You must comply with local laws and regulations restricting the use of wireless devices while driving.

Safety precautions for RF exposure

· Avoid using your phone near metal structures(for example, the steel frame of a building).
  Avoid using your phone near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.
  Use only original manufacturerapproved accessories, or accessories that do not contain any metal.
· Use of non-original manufacturerapproved accessories may violate your local RF exposure guidelines and should be avoided.

nterference with medical equipment functions

This product may cause medical equipment to malfunction. The use of this device is forbidden in most hospitals and medical clinics.
If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your health care provider may be able to assist you in obtaining this information.
Turn your phone OFF in health care facllties when any regulations posted in these areas instruct you to do so.Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Non-ionizing radiation

Your device has an internal antenna.This product should be operated in its normaluse position to ensure the radioactive performance and safety of the interference. As with other mobile radio transmiting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.
Use only the supplied integral antenna. Use of unauthorized or modified antennas may impair call quality and damage the phone, causing loss of performance and SAR levels exceeding the recommended limits as well as result in noncompliance with local regular requirementin your country.
To assure optimal phone performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards, always use your device only in its nomaluse position. Contact with the antenna area may impair call quality and cause your device to operate at a higher power level that needed.
Avoiding contact with the antenna area when the phone is IN USE optimizes the antenna performance and the battery life.

Electrical safety

Accessories

- Use only approved accessories.
- Do not connect with incompatible products or accessories.

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 must service or repair the phone or its accessories.

General precautions

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

Avoid applying excessive pressure to the device

Do not apply excessive pressure on the screen and the device to prevent damaging them. Remove the device from your pants' pocket before sitting down. Cracked display screens due to improper handling are not covered by the warranty.

Device getting warm after prolonged use

When using your device for prolonged periods of time, such as when you're talking on the phone, charging the battery or browsing the Web, the device may become warm.In most cases, this condition is normal and therefore should not be interpreted as a problem with the device.

Heed service markings

Except as explained elsewhere in the Operating or Service documentation, do not service any product yourself. Service needed on components inside the device should be done by an authorized service technician or provider.

Protect your phone

- Always treat your phone and its accessories with care and keep them in a clean and dustfree place.
- Do not expose your phone or its accessories to open flames or lit tobacco products.
- Do nof expose your phone or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your phone or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your phone or its accessories.
- Do not attempt to disassemble your phone or its accessories.Only authorized personnel must do so.

- Do not expose your phone or its accessories to extreme temperatures, minimum-14°F(-10°℃)and maximum 113°F(45℃). ·

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.

Damage requiring service

Unplug the product from the electrical outlet and refer servicing to an authorized service technician or provide under the fdlowing conditions:

- Liquid has been spilled or an object has fallen into the product.
- The product has been exposed to rain or water.
- The product has been dropped or damaged.
- There are noticeable signs of overheating.
- The product does not operate normally when you follow the operating instructions.

Avoid hot areas

The product should be placed away from heat sources such as radiators, heat registers, stoves, or any device producing heat.

Avoid wet areas

Never use the product in a wet location.

Avoid using your device after a dramatic change in temperature

When you move your device between environments with very different temperature and/or humidity ranges, condensation may form on or within the device.To avoid damaging the device, allow sufficient time for the moisture to evaporate before using the device.

Notice:When taking the device from low temperature conditions into a warmer environment or from hightemperature conditions into a cooler environment allow the device to acclimate to room temperature before turning on power.

Avoid pushing objects into product

Never push objects of any kind into slots or other openings in the product. Slots and openings are provided for ventilation. These openings must not be blocked or covered.

Airbags

Do not place a phone in the area over an airbag or in the airbag deployment area.Store the phone safely before driving your vehicle.

Mounting accessories

Do not use the product on an unstable table, cart, stand, tripod or bracket. Any mounting of the product should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.

Avoid unstable mounting

Do not mount the product with an unstable base.

Use product with approved equipment

This product should be used only with personal computers and options identified as suitable for use with your equipment.

Adjust the volume

Turn down the volume before using headphones or other audio devices.

Cleaning

Unplug the product from the wall outlet before cleaning.

Do not use liquid cleaners or aerosol cleaners.Use a damp cloth for cleaning, but NEVER use water to clean the LCD screen.

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 which could become detached and create a choking hazard.

Repetitive motion injuries

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

- Do not grip the phone too tightly.
- Press the buttons lightly.
- Make use of the special features in the handset which minimize the number of buttons which have to be pressed, such as message templates and predictive text.
- Take lots of breaks to stretch and relax.

Operating machinery

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

Loud noise

This phone is capable of producing loud noises which may damage your hearing.

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.

Regulatory gency identifications

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

RF Exposure Information(SAR)

This mobile phone meets the government's requirements for exposure to radio waves. This phone is designed and manufactured not to
exceed the emission limits for exposure to radio frequency (RF)energy set by the Federal Communications Commission of the U .S .
Government. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands.
Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.
The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 1.18 W/kg and when worn on the body,as described in this user guide, is 0.96 W/kg(Bodyworn measurements differ among phone models, depending upon available accessories and FCC requirements.)
While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.
The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the
FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of www.focaovloetlea/fccid after searching on FCC ID:2A28USN512.
For body wor operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an aocessory that contains no
metal and positions the handset a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. If you do not use a bodyworn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.

FCC Hearing-Aid Compatibility(HAC) Regulations for Wireless Devices

This device has been tested and rated for use with hearing aids, with some of the wireless technologies that it uses. However, there may be newer wireless technologies used in the device that have not been tested yet for use with hearing aids. It is important to try the different features on your device thoroughly and in different locations whilst using a hearing aid or cochlear implant to determine if there is any interfering noise.
This device was tested for compliance to theANSI C63.19-2019 standard for HAC.
Devicestested to this version of the standard, unlike previous versions, do not receive a HAC performance rating level; they are either HAC-compliant or not. In addition, in this version of the standard, the conversational gain of the device is tested, both with and without hearing aids. The conversational gain force lowest conversational gain is 7.12dB with a hearing aid and force lowest conversational gain is 11.52dB without a hearing aid.

HAC Waiver Condition Statement

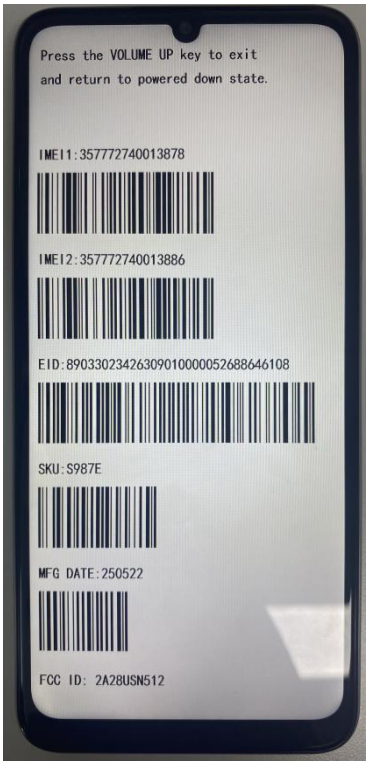
We attest that this handset application will comply with the requirements and conditions of WaiverDA 23-914 for section 20.19(b)(1) and (b)(3) of the wireless hearing aid compatibility rules withrespect to the volume control technical standard.

We consent to the following conditions of the waiver:

- Pass Conversational Gain at 2N on all available narrowband and wideband codecs and airinterface combinations.
- Perform 8N conversational gain test and place conversational gain for both 2N and 8N on thepackage label in a manner consistent with existing hearing aid compatibility labeling rules.
- Pass distortion and receive acoustic frequency response testing using at least one narrowbandand one wideband codec, limited to one bit rate.

E-Label

When the phone is turned off, press and hold the volume down button and the power button for 10 seconds at the same time, and the E-Label (including FCC ID) will be displayed on the phone screen. Press the VoLUME Up key toexit and return to powered down state.
No special access codes or permissions are required to perform the above steps.



Warranty

With this manufacturer's warranty (hereinafter: the "Warranty"), Emblem Solutions (hereinafter: the "Manufacturer")guarantees this product against any material, design and manufacturing defects. The duration of this Warranty is specified in article 1 below.
This Warranty does not affect your statutory rights, which cannot be excluded or limited, in particular in relation to the applicable legislation on defective products.

Warranty duration:

The product may consist of several parts, which may have separate warranty periods, to the extent permitted by local laws.The "Warranty Period"(as defined in the table below) takes effect on the date of purchase of the product(as indicated on the proof of purchase).

1. Warranty period(see table below)

Phone	24 Months
USB Cable and Charger	12 Months
Other Accessories (if included in the box)	12 Months

2. Warranty period for repaired or replaced parts:
Subject to special provisions of local laws in force, the repair or replacement of a product does not, under any circumstances whatsoever,
extend the original waranty period of the product concerned. However, the repaired or replaced parts are guaranteed in the same
manner and for the same defect for a period of ninety days after delivery of the repaired product, even if their initial warranty period has expired. Proof of purchase required.

Implementation of the Warranty

If your product is faulty under normal conditions of use and maintenance, in order to benefit from the present warranty. please contact the Returns Center at **1-800-801-1101** for assistance. The customer support center will then provide you with instructions on how to return the product for support under warranty. For more information, please visit att.com/warranty.

Warranty exclusions

Manufacturer guarantees its products against material, design and manufacturing defects. The Warranty does not apply in the following cases:

1. Normal wear and tear of the product(including on camera lenses, batteries and screens) requiring periodic repair and replacement.

2. Defects and damages due to negligence, to the product being used other than in a normal and customary manner, to the non-compliance with the recommendations of this User Manual, to an accident, regardless of the cause. Instructions for use and maintenance of the product can be found in your product's User Manual.

3. The opening, unauthorized disassembly, modification being carried out or repair of the product by the end user or by persons or by service providers not approved by Manufacturer and/or with spare parts not approved by Manufacturer.

4. Use of the product with accessories, peripherals and other products whose type, condition and/or standards do not meet Manufacturer's standards.

5.Defects associated with the use or connection of the product to equipment or software not approved by Manufacturer. Some defects may be caused by viruses due to unauthorized access by yourself or by a third party service, computer systems, other accounts or networks. This unauthorized access may take place through hacking, misappropriation of passwords or various other means.

6. Defects and damage due to the exposure of the product to humidity,extreme temperatures, corrosion, oxidation, or to any spillage of food or liquids, chemicals and generally any substance likely to alter the product.

7. Any failure of embedded services and applications that have not been developed by Manufacturer and whose functioning is the exclusive responsibility of their designers.

8. Installation and use of the product in a manner that does not comply with the technical or security standards of regulations in force in the country where it's installed or used.

9. Modification, alteration, degradation or illegibility of the IMEI number, serial number or EAN of the product

10. Absence of proof of purchase.

Upon expiration of the warranty period or upon an exclusion of warranty, Manufacturer may, at its discretion, provide a quote for the repair and offer to provide support for the product, at your cost.The Manufacturer contact and after-sales service details are subject to change. These Warranty terms may vary substantially according to your country of reside.