

Samsung GALAXY CORE Prime

S M A R T P H O N E

User Manual

Please read this manual before operating your device
and keep it for future reference.

SAMSUNG

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The actual available capacity of the internal memory
is less than the specified capacity because the
operating system and default applications occupy
part of the memory. The available capacity may
change when you upgrade the device.

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Samsung Limited Warranty - This product is covered
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Full written terms and detailed information about
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Legal Information > Samsung legal, or you may
access the online version of the Health/Safety and
Warranty guide for your device at:

English

samsung.com/us/Legal/Phone-HSGuide

Spanish

samsung.com/us/Legal/Phone-HSGuide-SP

Location of Legal Information on the device:

- **Health and Safety Information**
Settings > About device > Legal information >
Samsung legal > Health and Safety
- **Warranty**
Settings > About device > Legal information >
Samsung legal > Warranty
- **End User License Agreement (EULA)**
Settings > About device > Legal information >
Samsung legal > End User License Agreement

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Getting Started

Learn about your mobile device hardware, assembly procedures, and how to get started using your new device.

Front View



- **Proximity sensor:** Detects the presence of objects near the device.
- **Front camera:** Take self-portraits and record videos of yourself.
- **Power key:** Turn the device on or off, restart it, or for quick access to Airplane mode. Press to lock or wake up the screen.
- **Back:** Return to the previous screen or to close a dialog box, menu, or keyboard.
- **Home key:** Press to return to the Home screen.
- **Recent:** Display recent apps or touch and hold for Home screen options.
- **Volume key:** Adjust the volume of your device's sounds and audio.
- **Earpiece:** Listen to a call.

Back View



- **Headset jack:** Connects an optional headset (not included).
- **Rear camera:** Take pictures and record videos.
- **Speaker:** Plays music and other sounds.
- **Microphone:** Records audio and detects voice commands.
- **USB charger/Accessory port:** Connects the Charger/USB cable (included), and other optional accessories (not included).
- **Flash:** Illuminates subjects in low-light environments when taking a photo or recording video.

Assemble Your Device

This section helps you to assemble your device.

Remove the Back Cover

1. Remove the back cover using the slot near the top of your phone.



2. Lift the cover up and to the right of the phone.



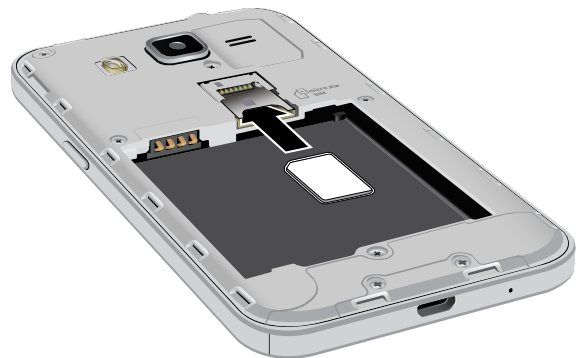
Warning: Do not bend or twist the back cover excessively. Doing so may damage the cover.

Install the SIM Card

When you subscribe to a cellular network, you are provided with a plug-in SIM card. During activation, your SIM card is loaded with your subscription details, such as your PIN, available optional services, and other features.

Warning: Please be careful when handling the SIM card to avoid damaging it. Keep all SIM cards out of reach of small children.

Note: The SIM card slot is located below the micro SD card slot.



- Carefully slide the SIM card into the SIM card slot.

Make sure that the card's gold contacts face into the device and that the angled corner of the card is positioned as shown.

Caution: If the card is not inserted correctly, the device cannot detect the SIM card. Re-orient the card and place it back into the slot if the SIM is not detected.

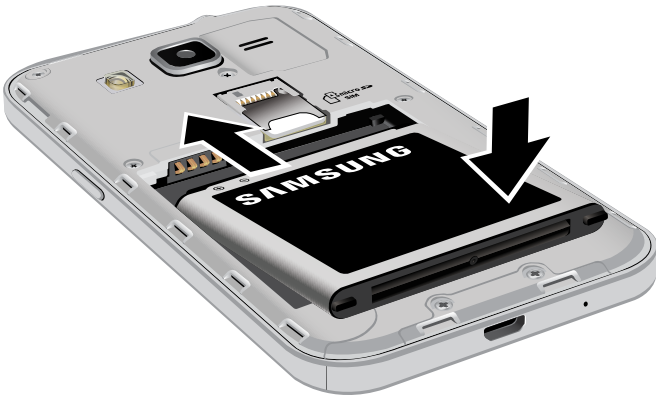
Install a Memory Card

You can install an optional microSD or microSDHC memory card (not included) to expand available memory space.

Note: A memory card can be installed at any time; it is not necessary to install it prior to using the device.

For more information on installing a memory card, see [Install a Memory Card](#).

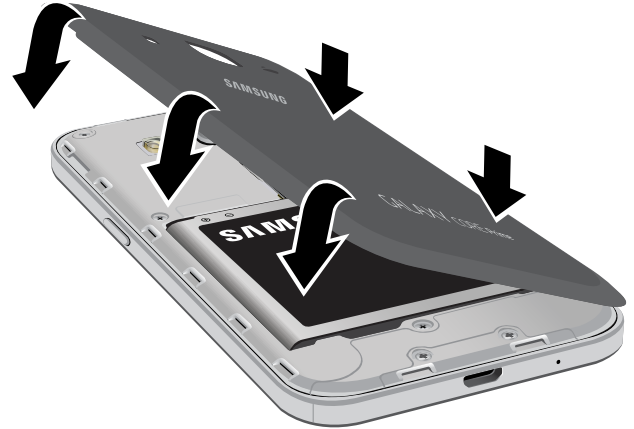
Install the Battery



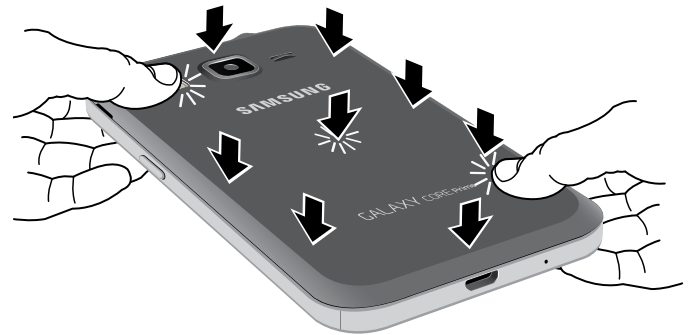
1. Insert the battery into the opening on the back of the phone, making sure the connectors align.
2. Gently press down to secure the battery.

Replace the Back Cover

1. Place the back cover onto the back of the phone and press down.



2. Press along the edge of the back cover until you have a secure seal.



Charge the Battery

Your device is powered by a rechargeable, standard Li-Ion battery. A Wall/USB Charger (charging head and USB cable) is included with the device for charging the battery from any standard outlet.

The battery comes partially charged. A fully discharged battery requires up to four hours of charge time. You can use the device while charging.

Caution: Use only Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.



1. Insert the USB cable into the port.
2. Connect the USB cable to the charging head, and then plug the charging head into a standard outlet.
3. When charging is complete, unplug the charging head from the outlet and remove the USB cable from the device.

Caution: Failure to unplug the wall charger before you remove the battery, can cause damage to the device.

When to Charge the Battery

When the battery is low and has only a few minutes of operation remain, the battery icon () blinks and the device sounds a warning tone at regular intervals.

In this condition, your device conserves its remaining battery power by dimming the screen.

When the battery level becomes too low, the device automatically turns off.

- For a quick check of your battery level, view the battery charge indicator located in the Status bar of your device's display. A solid color () indicates a full charge.

You can also choose to display a percentage value. Viewing a percentage value can provide a better idea of the remaining charge on the battery. For more information, see [Battery](#).

Set Up Your Device

Turn Your Device On or Off

Turn the Device On

- ▶ Press and hold the **Power** key until the device vibrates and starts up.

Turn the Device Off

1. Press and hold the **Power** key until the Device options menu displays.
2. Tap **Power off**.

Configure Your Phone

When you first turn on your phone, you need to set up a few things.

1. As each screen is displayed, follow the instructions on each screen to set up that particular feature.
2. Tap **NEXT**, **SKIP**, or **LATER** to progress to the next screen.

Secure Your Device

Use your device's screen lock features to secure your device.

Lock the Device

By default, the device locks automatically when the screen times out.

To lock the device:

- ▶ Press the **Power** key.

Unlock the Device

The default Screen lock on your device is Swipe.

To unlock your device:

- ▶ Press the **Power** key or **Home** key, and then touch and drag your finger across the screen.

Set Up a Secure Screen Lock

The default Screen lock is Swipe, which offers no security. To choose a more secure screen lock, see [Set a Screen Lock](#).

Set Up Accounts on Your Device

Google Account

Your new device uses your Google Account to fully utilize its Android features, including Gmail, Google Hangouts, and the Google Play store.

When you turn on your device for the first time, set up your existing Google Account, or create a new Google Account.

– or –

To create a new Google Account or set up your Google Account on your device at any time, use Accounts settings. For more information, see [Accounts](#).

- From a Home screen, tap  **Apps** >  **Settings** > **Accounts** > **Add account** > **Google**.

Samsung Account

Create a Samsung account, for access to Samsung content and apps on your device.

When you turn on your device for the first time, set up your existing Samsung account, or create a new Samsung account.

– or –

To create a new Samsung account or set up your Samsung account on your device at any time, use Accounts settings. For more information, see [Accounts](#).

- From a Home screen, tap  **Apps** >  **Settings** > **Accounts** > **Add account** > **Samsung account**.

Know Your Device

Learn some of the key features of your mobile device, including the screens and icons, as well as how to navigate the device and enter text using the keyboard.

Warning: Please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.

Home Screen

The Home screen is the starting point for using your device.



- **Status icons:** Display information about the device, such as the network signal strength, battery level, the time, and so on.
- **Status bar:** Displays device status icons (right) and notification icons (left).
- **Apps folder:** Groups applications into folders on the main Home screen.
- **Apps list:** Allows quick access to all of your applications.
- **App shortcuts:** Shortcut to your favorite applications.
- **Home screen indicator:** Indicates which Home screen is presently displayed.
- **Widget:** Self-contained application (not a shortcut) that runs on the Home screen.
- **Notification icons:** Display new messages and emails, notifications, available software updates, and so on.

Customize your Home screen by adding application shortcuts, widgets, folders, and using wallpapers.

Manage Home Screens

Your device comes with multiple Home screens to hold apps and widgets. You can rearrange the Home screens in a different order.

1. From a Home screen, pinch the screen.

– or –

Touch and hold an empty space on the screen.
2. Use these options to manage screens:
 - **Add a screen:** Scroll to the end of the screens, and then tap  **Add**.
 - **Remove a screen:** Touch and hold on a screen, and then drag it to  **Remove**.
 - **Set a screen as the main Home screen:** Tap  **Main Home screen** at the top of a screen. This screen displays when you press the Home key.
 - **Change the order of screens:** Touch and hold on a screen, and then drag to a new position.

Wallpapers

Change the look of the Home and Lock screens with wallpaper. You can display a favorite picture or choose from preloaded wallpapers.

1. From a Home screen, pinch the screen.
2. Tap **Wallpapers**.

For more details, see [Wallpaper](#) in Settings.

Widgets

Widgets are self-contained apps that run on a Home screen. There are all kinds of widgets, including links to a specific contact, Internet bookmarks, Gmail and email accounts, and many others.

Add a Widget to a Home Screen

1. From a Home screen, pinch the screen.
2. Tap **Widgets**.
3. Touch and hold a widget, drag it to a Home screen, and then release it.

Remove a Widget

1. From a Home screen, touch and hold a widget to release it.
2. Drag the widget to  **Remove** and release it.

Note: Removing a widget does not delete the widget, it just removes the widget from the Home screen.

App Shortcuts

You can use app shortcuts to launch an app from any Home screen.

Add a Shortcut to a Home Screen

1. From a Home screen, tap  **Apps**.
2. Touch and hold an app shortcut, drag it to a Home screen, and then release it.

Remove a Shortcut

1. Touch and hold an app shortcut to release it.
2. Drag the app shortcut to  **Remove** and release it.

Note: Removing a shortcut does not delete the app, it just removes the shortcut from the Home screen.

Folders

Place folders on a Home screen to organize items.

Create a Folder

You can create app folders on a Home screen.

1. From a Home screen, touch and hold an app shortcut.
 2. Drag the shortcut onto  **Create folder** and release.
 3. Enter a folder name.
 4. Tap  **Add application** to place additional apps in the folder.
 - Tap apps to add them to the folder.
 - Tap **Done**.
- A folder is created with the shortcuts inside.

Use Folders

- Tap a folder to open it and access the shortcuts inside.
- To add shortcuts to an existing folder, touch and hold the app shortcut, and then drag it onto the folder and release.

Remove a Folder from a Home Screen

1. Touch and hold the folder until it detaches.
2. Drag the folder to  **Remove** and release it.

Status Bar

The Status bar at the top of the Home screen provides device information (such as network status, battery charge, and time) on the right side and notification alerts on the left.

Status Icons



Full battery: Battery is fully charged.



Low battery: Battery is low.



Battery charging: Battery is charging.



Vibrate: Vibrate mode is enabled.



Mute: Mute mode is enabled.



4G LTE: The device is connected to a 4G LTE wireless network.



Signal strength: Signal strength.



Wi-Fi: Wi-Fi is active.



No network: No wireless network is available.

Notification Icons



Missed call: Missed call.



Call: Call in progress.



Hold: Call is on hold.



Speakerphone: Call is using speakerphone.



New email: New email has arrived.



New Gmail: New Gmail has arrived.



New voicemail: New voicemail message has been received.



New text: New text or multimedia message has arrived.



Download: Download of a file or app is in progress.



Upload: File is being uploaded or sent.



GPS: Location service (GPS) is active.



Google Update: App updates are available from the Google Play store.



Installation complete: App installation or updates are complete.



Keyboard: Keyboard is in use.

Navigation

Learn the basics for how to navigate through your device.

Touchscreen Navigation

Use the following motions and gestures on your touchscreen to navigate the device.

Tap

Lightly tap items to select or launch them.

- Tap the keyboard to enter characters or text.
- Tap an item to select it.
- Tap an app shortcut to launch the application.

Touch and Hold

Touch and hold items to activate them.

- Touch and hold a widget on a Home screen to move it.
- Touch and hold a field to display a pop-up menu of options.

Swipe

Lightly drag your finger vertically or horizontally across the screen.

- Swipe the screen to unlock the device.
- Swipe the screen to scroll through the Home screens or menu options.

Drag

Touch and hold an item, and then drag to move it to a new location.

- Drag an app shortcut to add it to a Home screen.
- Drag a widget to place it in a new location on a Home screen.

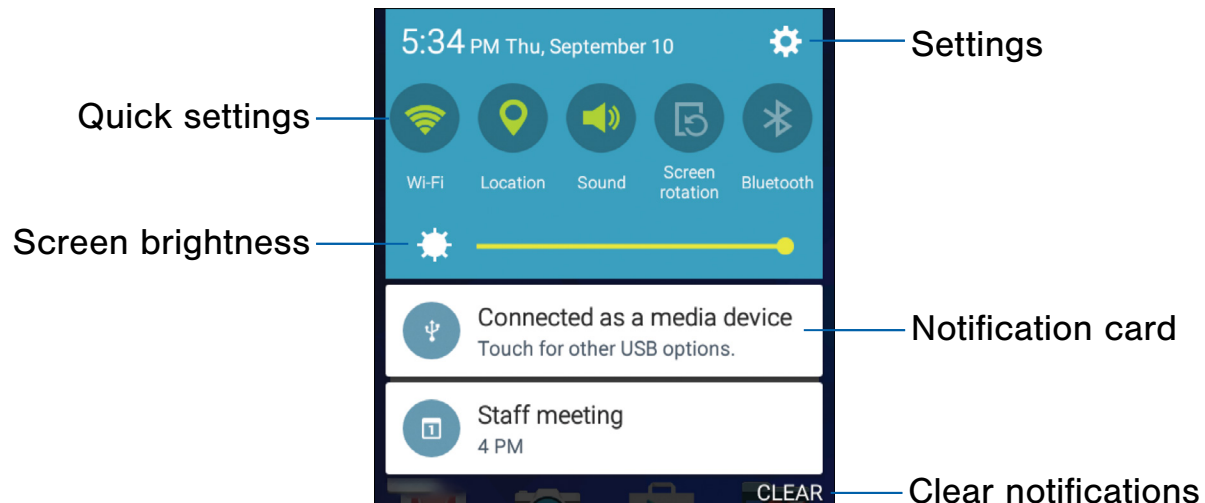
Pinch and Spread

Pinch the screen using your thumb and forefinger or spread by moving your fingers apart.

- Pinch the screen to zoom out while viewing a picture or a web page.
- Spread your fingers on the screen to zoom in while viewing a picture or a web page.

Notification Panel

Notification icons on the Status bar display calendar events, device status, and more. For details, open the Notification panel.



- **Settings:** Tap to open the Settings screen.
- **Notification card:** Tap to see details about a notification. Swipe a notification card to the right to dismiss it.
- **Clear notifications:** Tap to clear all notifications.
- **Screen brightness:** Drag the slider to adjust screen brightness. Tap **Auto** to have the phone set the screen brightness using its light sensor.
- **Quick settings:** Tap to quickly enable or disable a feature. Swipe to the left to see more settings.

View the Notification Panel

Display notifications on the Notification panel.

1. Swipe down on the Status bar to display the Notification panel.
2. Scroll down the list to see notification details.
 - Tap an item to open it.
 - To clear a single notification, drag the notification left or right. Tap **Clear** to clear all notifications.
3. Swipe upward from the bottom of the screen or tap **Back** to close the Notification panel.

Enter Text

Use the Samsung Keyboard

Type your text input using a QWERTY keyboard. Predictive text suggests words based on your typing.

Predictive text



Options key

Predictive Text

Predictive text suggests words that match your text entries, and automatically completes common words. Predictive text can learn your personal writing style from your contacts, messages, email, and social networking sites—improving its accuracy of predicting your text entries.

Configure the Samsung Keyboard

To customize the Samsung Keyboard:

1. From a Home screen, tap  **Apps** >  **Settings** > **Language and input**.
2. Tap **Samsung keyboard** for options.

Special Keys



Symbols: Tap to insert numbers and symbols.



Letters: Tap to insert letters.

Touch and hold the **Options** key to:



Voice: Use Google voice typing.



Settings: Access keyboard settings.

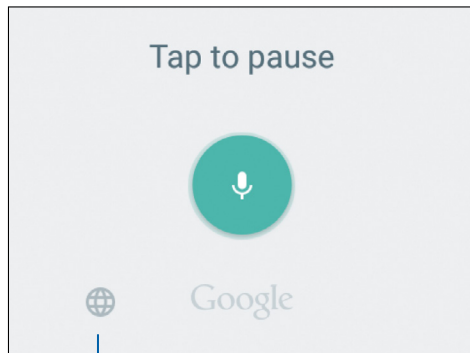


Emojis: Insert emojis.

Note: The available Options keys depend on the application in use. Not all options are available for all apps.

Use Google Voice Typing

Instead of typing, enter text by speaking.



Languages

To enable Google voice typing:

1. On the Samsung Keyboard, tap  **Google voice typing**.
 - You may need to touch and hold **Options** (left of the Space key) to find it.
2. Speak your text.

Note: Tap [Languages](#) to download additional languages for use with Google voice typing.

Configure Google Voice Typing

To customize Google voice typing:

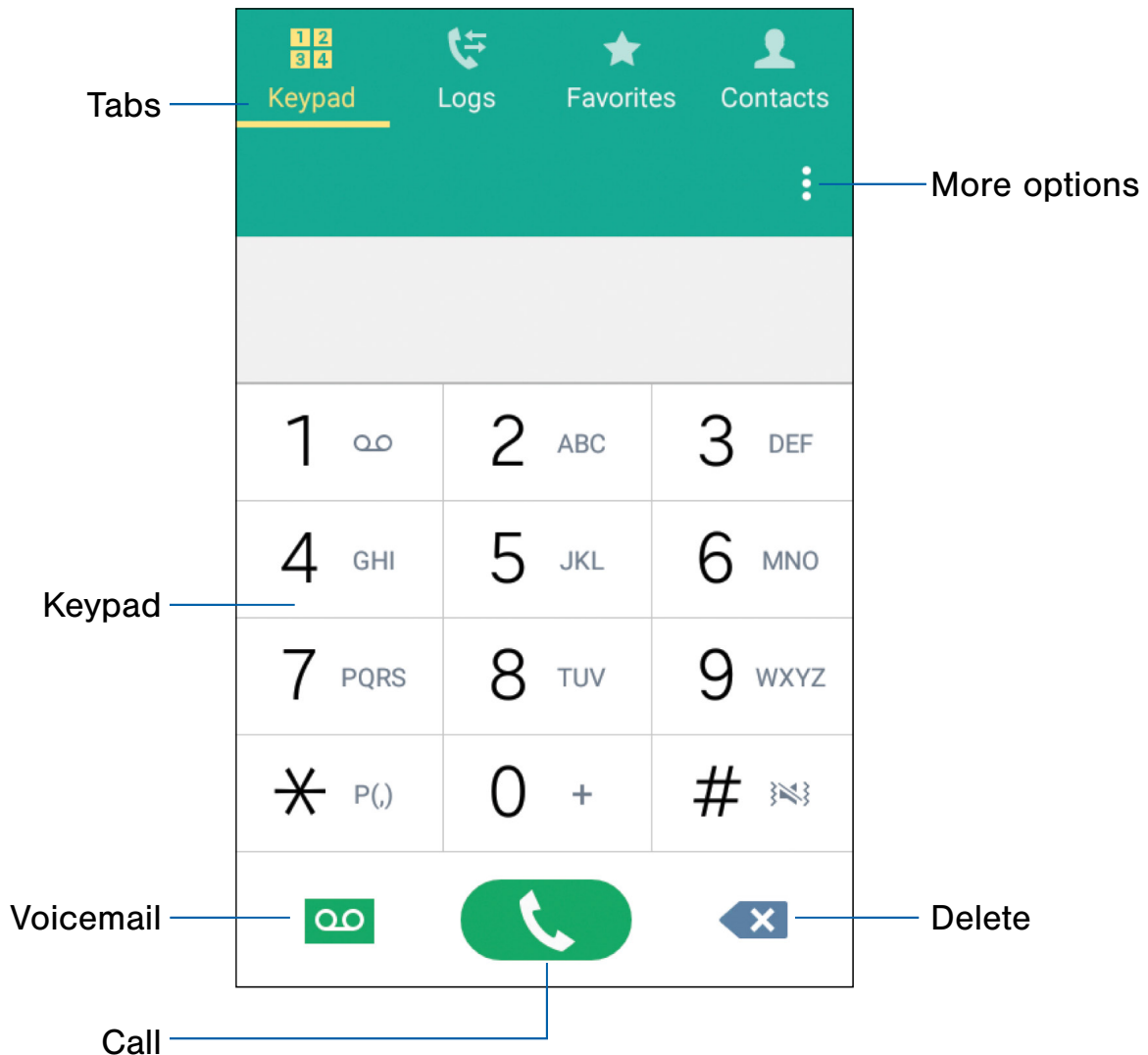
1. From a Home screen, tap  **Apps** >  **Settings** > **Language and input**.
2. Tap **Google voice typing** for options.

Calling

Make telephone calls using a variety of calling features and services.

Phone Screen

Use the Phone screen to access the dialer keypad, recent calls, favorites, and contacts.



- **More options:** Access Speed dial and Call settings.
- **Delete:** Tap  **Delete** to erase a single character, or touch and hold  **Delete** to erase the entire string of numbers.
- **Call:** Tap to make your call.
- **Voicemail:** Tap to set up and check your voicemail. For more information, see [Set Up Your Voicemail](#).
- **Keypad:** Tap the number that you want to call.
- **Tabs:** Tap **Keypad** to display the keypad. Tap **Logs** to display a list of all dialed, received, and missed calls. Tap **Favorites** to display contacts marked as Favorites. Tap **Contacts** to display your contacts and then select a contact to call.

Access Phone

There are a couple of ways to access Phone.

► From a Home screen, tap  **Phone**.

– or –

From a Home screen, tap  **Apps** >  **Phone**.

Display Your Phone Number

Your phone number can be found in Settings.

► From a Home screen, tap  **Apps** >  **Settings** > **About device** > **Status**.

Your phone number displays in the My phone number field.

Call Settings

There are also a couple of ways to access the Call settings menu.

► From a Home screen, tap  **Phone** >  **More options** > **Settings** > **Call**.

– or –

From a Home screen, tap  **Apps** >  **Settings** > **Call**.

Make and Answer Calls

Learn how to make or answer a call. Explore features and functionality associated with making or answering a call.

Make a Call

Make calls using the Phone app.

1. From a Home screen, tap  **Phone**.
2. Enter a number on the keypad and tap  **Dial**.

Quickly Dial a Number from Your Contacts List

1. From a Home screen, tap  **Apps** >  **Contacts**.
– or –
From a Home screen, tap  **Phone** > **Contacts**.
2. While viewing your contacts list, swipe your finger across a contact to the right to call the contact.

Dial a Recent Number

All incoming, outgoing, and missed calls are recorded in the Call log. If the number or caller is listed in your contacts list, the associated name displays.

1. From a Home screen, tap  **Phone**.
2. Tap  **Logs**. A list of recent calls displays.
3. Tap a contact, and then tap  **Call**.

Answer a Call

When a call is received the phone rings and displays the caller's phone number or name if stored in the contacts list.

At the incoming call screen:

- Touch and drag  **Answer** to the right to answer the call.
- Touch and drag  **Reject** to the left to reject the call and send it to your voicemail.
- Touch and drag **Reject call with message** upward, and select a message.

If you are using an app, a pop-up screen displays for the incoming call.

- On the incoming call pop-up screen:
 - Tap  **Answer** to answer the call.
 - Tap  **Reject** to reject the call and send it to your voicemail.
 - Tap  **Expand** to exit the app and view the main incoming call screen.

End a Call

Hang up when you finish your call.

- When you are ready to end your call, tap  **End**.

Multitask While on a Call

If you exit the call screen and return to a Home screen, your active call is indicated by  **Call** on the Status bar.

This lets you continue with your current call and do something else, such as access the contacts list, view a recent email, or locate a picture.

To return to the call screen:

- ▶ Swipe the Status bar downward to reveal the Notification panel, and then tap  on the Call notification.

To end a call from any application:

- ▶ Swipe the Status bar downward to reveal the Notification panel, and then tap  **End call**.

Options During a Call

Your phone provides a number of functions that you can use during a call.

Adjust the Call Volume

- ▶ Press the **Volume** keys to increase or decrease the volume.

– or –

Quickly add more volume to the incoming audio by tapping  **More options** > **Extra volume**.

Listen with the Speaker or Bluetooth Headset

Listen to the call using the speaker or through a Bluetooth headset (not included).

- ▶ Tap  **Speaker** to hear the caller using the speaker.

– or –

Tap  **Bluetooth** to use a Bluetooth headset (not included).

Place a New Call While on a Call

If your service plan supports this feature, you can make another call while a call is in progress.

1. From the active call, tap  **Add call** to dial the second call.
2. Dial the new number and tap  **Dial**. When the call is answered:
 - Tap  **Swap** to switch between the two calls.

Call Waiting

If your service plan supports this feature, you can answer an incoming call while you have a call in progress. You are notified of an incoming call by a call waiting tone.

To answer a new call while you have a call in progress:

1. Slide  **Answer** in any direction to answer the new call.
2. Tap an option:
 - **Put [caller] on hold** to place the previous caller on hold while you answer the new incoming call.
 - **End call with [caller]** to end the previous call and answer the new call.

Call Log

The numbers of the calls you have dialed, received, or missed are stored in the Call log.

1. From a Home screen, tap  **Phone**.
2. Tap  **Logs**. A list of recent calls displays. If the caller is in your contacts list, the caller's name displays.

Save a Recent Call to Your Contacts List

1. From a Home screen, tap  **Phone** >  **Logs**.
2. Tap the call that contains the information that you want to save to your contacts list.
3. Tap **CREATE CONTACT**.

– or –

If you want to replace the number for an existing contact, tap **UPDATE EXISTING**.

Delete a Call from the Call Log

1. From a Home screen, tap  **Phone** >  **Logs**.
2. Touch and hold the call you want to delete from the Call log.
3. Tap  **More options** > **Delete**.

Add a Call to the Reject List

By adding a caller to your Reject list, future calls from this number are sent directly to your voicemail.

1. From a Home screen, tap  **Phone** >  **Logs**.
2. Tap the caller you want to add to the Reject list.
3. Tap  **More options** > **Add to Auto reject list**.

Speed Dial

You can assign a shortcut number to a contact for speed dialing their default number.

Create a Speed Dial

1. From a Home screen, tap  **Phone**.
2. Tap  **More options** > **Speed dial**. The Speed dial screen displays showing the numbers 1 through 100. Number 1 is reserved for voicemail.
3. Tap an unused number ( **Add contact**).
4. Tap a contact to assign to the number. The selected contact displays in the speed dial number box.

Make a Call Using Speed Dial

1. From a Home screen, tap  **Phone**.
2. Touch and hold the speed dial number.
 - If the speed dial number is more than one digit long, enter the first digits, and then hold the last digit.

Remove a Speed Dial Number Assignment

1. From a Home screen, tap  **Phone**.
2. Tap  **More options** > **Speed dial**.
3. Find the contact to remove from Speed dial.
4. Tap  **Remove**.

Emergency Calls

The Emergency calling mode makes redialing an emergency number a one-tap process.

Note: This mode can drain your battery power more rapidly than normal calling mode.

Make an Emergency Call

With an Active SIM Card

Make emergency calls the same way as regular calls.

1. From a Home screen, tap  **Phone**.
2. Enter 911 and tap  **Dial**.

Without an Active SIM Card

Without an active SIM card, you can only make an emergency call with the phone; normal cell phone service is not available.

1. From a secured Lock screen, tap  **Emergency call** and drag upward.
2. Tap **EMERGENCY CALL** to display the Emergency dialer.
3. Enter 911 and tap  **Dial**.

Complete your call. During this type of call, you have access to the Speaker mode, Keypad, and End Call features.

Set Up and Access Voicemail

Set up and configure your voicemail.

Set Up Your Voicemail

Configure your voicemail.

1. From the Home screen, tap  **Phone** >  **Voicemail**.
2. Follow the tutorial to create a password, record a greeting, and record your name.

Note: These steps may be different depending on your network.

Access Your Voicemail

Use your phone to access voicemail.

1. From the Home screen, tap  **Phone** >  **Voicemail**.
 - You may be prompted to enter a password.
2. When connected, follow the voice prompts from the voicemail center.

Access Your Voicemail from Another Phone

Use a different phone to access voicemail.

1. Dial your wireless phone number.
2. When you hear your voicemail greeting, press the **asterisk** or **star** (*) key on the phone you are using.
3. Enter your password and you are connected to your voicemail.

Applications

The Apps screen displays all applications installed on your device, both preloaded apps and apps you download and install yourself.

Learn how to change the way apps display, organize apps into folders, and uninstall or disable apps.

Apps List

The Apps list shows all preloaded apps and apps that you downloaded. You can uninstall, disable, or hide apps from view.

Shortcuts to apps can be placed on any of the Home screens. For more information, see [Add a Shortcut to a Home Screen](#).

Access Applications

1. From a Home screen, tap  **Apps**.
2. Tap an application's shortcut to launch it.
3. To return to the main Home screen, press the **Home** key.

Download and Install New Apps

Find new apps to download and install on your device:

-  **Play Store:** Download new apps from the Google Play store. Visit play.google.com/store/apps to learn more.
-  **Galaxy Apps:** Download apps specifically designed for your Samsung Galaxy device. Visit samsung.com/levant/apps/mobile/galaxyapps to learn more.

Uninstall or Disable Apps

You can uninstall or disable apps you download and install.

- Preloaded apps cannot be uninstalled.
 - Apps that are disabled are turned off and hidden from view.
1. From a Home screen, tap  **Apps**.
 2. Tap  **More options** > **Uninstall/disable apps**. Apps that can be uninstalled or disabled display  **Uninstall/Disable** on their shortcut.
 3. Tap  **Uninstall/Disable** and follow the prompts to either uninstall or disable the app.

To enable apps after disabling them:

1. From a Home screen, tap  **Apps** >  **Settings** > **Application manager**.
2. Swipe to the **TURNED OFF** screen, which only displays if you have disabled apps.
3. Tap the app you want to enable, and tap **ENABLE**. The app displays again in the Apps list.

For more information, see [Disabled Services](#).

Organize Your Apps

The Apps shortcuts can be listed alphabetically or in your own custom order.

Change the Order Apps Are Listed

1. From a Home screen, tap  **Apps**.
2. Tap  **More options** > **View as**.
3. Tap an option:
 - **Custom**: Touch and hold, and then drag app icons to arrange them in any order.
 - **Alphabetical order**: App icons are arranged in alphabetical order.

Manually Change the Order Apps Are Listed

1. From a Home screen, tap  **Apps**.
2. Tap  **More options** > **Edit**.
3. Touch and hold an app shortcut and drag it to the location you want.
4. Tap  **Back** when finished.

Hide or Show Apps

Hide Apps from View

You can hide (rather than uninstall or disable) any apps you do not want to see on the Apps screen.

1. From a Home screen, tap  **Apps**.
2. Tap  **More options** > **Hide apps**.
3. Tap apps to hide, and then tap **Done**.

Show Hidden Apps

You can unhide apps you have hidden and put them back on the Apps screen.

1. From a Home screen, tap  **Apps**.
2. Tap  **More options** > **Show hidden apps**.
3. Tap apps to unhide, and then tap **Done**.

Apps List Options

1. From a Home screen, tap  **Apps**.
2. Tap  **More options** for these options:
 - **Edit**: Touch and hold an app icon then drag it to:
 -  **Create page** to add another page to the apps screen.
 -  **App info** to view information about this app.
 -  **Disable** to disable the app.
 -  **Uninstall** to uninstall the app. Preloaded apps cannot be uninstalled.
 - **View as**: Choose how apps are listed.
 - **Downloaded applications**: View downloaded apps. Touch an app shortcut on the Downloaded applications screen to launch the application.
 - **Uninstall/disable apps**: Uninstall an app that you downloaded to your device or disable a preloaded app (preloaded apps cannot be uninstalled). Tap  **Uninstall/Disable** to remove or disable the selected app.
 - **Hide apps**: Hide apps from the Apps screen.
 - **Show disabled apps**: Display disabled apps. This option appears only if apps have been disabled.
 - **Show hidden apps**: Display hidden apps. This option appears only if apps have been hidden.

Google Applications

Enjoy these applications from Google.

Note: Certain applications require a Google Account. Visit google.com to learn more.



Chrome

Use Chrome to browse the Internet and bring your open tabs, bookmarks and address bar data from your computer to your phone.

Visit google.com/chrome/mobile to learn more.



Drive

Open, view, rename, and share your Google Docs and files.

Visit drive.google.com to learn more.



Gmail

Send and receive email with Gmail, Google's web-based email service.

Visit gmail.com to learn more.



Google

Search not only the Internet, but also the apps and contents of your device.

Google Now

Organize information you regularly look up into convenient cards that appear when you need them.

Visit google.com/landing/now to learn more.

► Press and hold the **Home** key.

Note: When Google Now is enabled, you can also access it by tapping  **Google**.



Google Settings

Quickly and easily change Google app settings to suit your preferences.

Note: You must be signed in to the application in which you want to configure.



Hangouts

Hangouts is an online place to meet friends and family, share photos, and host video calls.

Visit google.com/hangouts to learn more.



Maps

Use Google Maps to find your current location, get directions, and other location-based information.

Visit google.com/maps to learn more.

Note: You must enable location services to use Maps. Please see [Location Services](#).



Photos

Automatically back up your photos and videos to your Google+ account.



Play Movies & TV

Watch movies and TV shows purchased from Google Play. You can stream them instantly, or download them for viewing when you are not connected to the Internet. You can also view videos saved on your device.

Visit play.google.com/about/movies to learn more.



Play Music

Play music and audio files on your device.

Visit play.google.com/about/music to learn more.



Play Store

Find new apps, movies and TV shows, music, books, magazines, and games in Google Play store.

Visit play.google.com/store to learn more.



Voice Search

Use voice commands to search the web with Google.



YouTube

View and upload YouTube videos right from your device.

Visit youtube.com to learn more.

Calculator

The Calculator provides basic and advanced arithmetic functions.

Basic Operation

Perform basic math operations.

1. From a Home screen, tap  **Apps** >  **Calculator**.
2. Enter the first number using the numeric keys.
3. Tap the appropriate arithmetic function key.
4. Enter the next number.
5. To view the result, tap the  **Equals** key.

Additional Functions

View calculation history. Place results on the clipboard for pasting in other apps.

To clear the results:

- Tap  **Clear**.

To copy all or part of the calculation to the clipboard:

- Touch and hold an entry in the display field.

Scientific Calculator

A scientific calculator with advanced arithmetic functions is also available in the Calculator app.

- Rotate the device into landscape mode to use the scientific calculator.

Note: If screen rotation is not enabled, slide the Status bar down to display the Notification panel, and then tap **Screen rotation**.

Calendar

Your device includes a powerful planner to help you manage your events and tasks.

Calendar View

To choose a calendar view:

1. From a Home screen, tap  **Apps** >  **Calendar**.
2. Tap  **Calendar** and then select one of the following:
 - **Year**: Display all twelve months of this year. Swipe across the screen to display another year.
 - **Month**: Display the current month. Swipe across the screen to display another month.
 - **Week**: Display the current week. Swipe across the screen to display another week.
 - **Day**: Display today's schedule by hour. Swipe across the screen to display another day.
 - **Agenda**: Add and display tasks.

Create an Event or Task

To create an event:

1. From a Home screen, tap  **Apps** >  **Calendar**.
2. Tap  **Add**.
3. Tap the **Title** field and enter a title.
4. Enter details for the event, and then tap **SAVE**.

To create a task:

1. From a Home screen, tap  **Apps** >  **Calendar**.
2. Tap  **Add**.
3. Tap  **Add event** > **Add task**.
4. Tap the **Title** field and enter a title.
5. Enter details for the task, and then tap **SAVE**.

Delete an Event or Task

Delete an event or task from the calendar.

1. From a Home screen, tap  **Apps** >  **Calendar**.
2. Tap an event or task to view the details, and then tap  **Delete**.

Share an Event or Task

Share an event or task with others.

1. From a Home screen, tap  **Apps** >  **Calendar**.
2. Tap an event or task to view the details, and then tap  **Share via**.
3. Select a sharing method and follow the prompts.

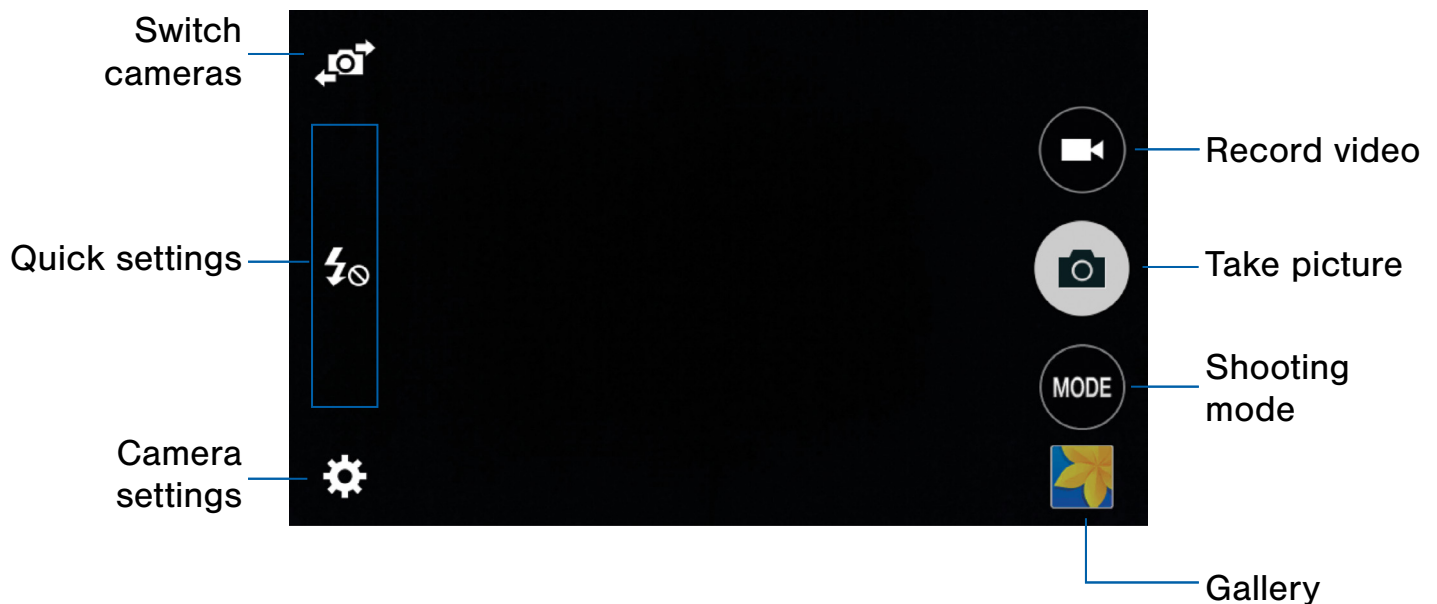
Calendar Settings

These settings allow you to modify settings associated with using the Calendar.

1. From a Home screen, tap  **Apps** >  **Calendar**.
2. Tap  **More options** > **Settings**.
3. Tap an option and follow the prompts.

Camera and Video

Take pictures and record videos with the Camera app.



- **Record video:** Tap to record a video.
- **Take a picture:** Tap to take a picture.
- **Shooting mode:** Tap to change the shooting mode.
- **Gallery:** Tap to open the Gallery to view photos and videos.
- **Camera settings:** Tap to view all camera settings.
- **Quick settings:** Quick access to select camera settings or options.
- **Switch cameras:** Tap to switch between the rear and front cameras.

Take Pictures

Take pictures with your device's front or rear camera.

Note: Prior to using the camera, remove the plastic protective covering from the camera lens.

1. From a Home screen, tap  **Apps** >  **Camera**.
2. Using the display screen as a viewfinder, compose your shot by aiming the camera at the subject. While composing your picture, use the onscreen options or these gestures:
 - Touch the screen with two fingers and pinch or spread them on the screen to zoom in and out.
 - Tap the screen to focus on the area you tapped.
3. If desired, before taking the photo, you can tap icons to access various camera options and settings. You can also touch the screen to move the focus field to the area you touch.
4. Tap  **Take picture** to take the picture.

Note: You can also press the **Volume** key up or down to take a photo. This is the default action of the Volume key while Camera is active. You can also set the Volume key to act as the video record key or as a zoom key.

Shooting Mode

Several shooting modes are available. Some modes are not available when taking self-portraits.

1. From a Home screen, tap  **Apps** >  **Camera**.
2. Tap **MODE** to display the Shooting Modes, which are available for the rear camera.
 - **Auto:** Allow the camera to evaluate the surroundings and determine the ideal mode for the picture.
 - **Beauty face:** Take flawless portrait pictures with an airbrushed effect. This function may not work when it is too dark or when the subject is too close to the camera.
 - **Panorama:** Create a linear image by taking pictures in either a horizontal or vertical direction.
 - **Continuous shot:** Take pictures continuously by pressing and holding the Camera button.
 - **Sports:** Take clearer pictures of fast moving subjects.

Camera Settings

Configure camera settings.

1. From a Home screen, tap  **Apps** >  **Camera** >  **Settings**.
2. Quick settings are listed across one side of the camera view finder. Available options vary depending on the camera or recording mode used. Default settings include:
 - **Picture size:** Select a resolution. Use higher resolution for higher quality. Higher resolution pictures take up more memory.
 - **Effect:** Add special graphical effects.
 - **Timer:** Take time-delayed pictures or videos.
 - **Flash:** Activate or deactivate the flash. (Available only on the Rear camera.)
 - **Save as horizontally flipped:** Save the self-portrait or self-recording as a reversed (or 'mirrored') image. (Available only on the Front camera.)
3. Tap **More options** to configure settings for Camera. Available options vary depending on the camera or recording mode used.

Both cameras

- **Exposure value:** Change the exposure value. This determines how much light the camera's sensor receives. For low light situations, use a higher exposure.
- **Tap to take pics:** Tap the image on the preview screen to take photos.
- **Video size:** Select a resolution. Use higher resolution for higher quality. Higher resolution videos take up more memory.
- **Recording mode:** Select a recording mode.
- **Location tags:** Attach a GPS location tag to the photo.
- **Storage location:** Select the memory location for storage.
- **Grid lines:** Display viewfinder guides to help composition when selecting subjects.
- **Shutter sound:** Play a tone when the camera button is tapped.

- **The Volume key:** Use the Volume key as the camera key, the record key, or as a zoom key.
- **Reset settings:** Reset the camera settings.

Rear camera only

- **ISO:** Select an ISO value. This controls camera light sensitivity. It is measured in film-camera equivalents. Low values are for stationary or brightly-lit objects. Higher values are for fast-moving or poorly-lit objects.
- **White balance:** Select an appropriate white balance, so images have a true-to-life color range. The settings are designed for specific lighting situations. These settings are similar to the heat range for white-balance exposure in professional cameras.
- **Metering modes:** Select a metering method. This determines how light values are calculated. Center-weighted measures background light in the center of the scene. Spot measures the light value at a specific location. Matrix averages the entire scene.

Front camera only

- **Palm selfie:** When enabled, show your palm to the camera to automatically take a picture after 2 seconds.
- **Beauty face:** Take a photo with lightened faces for gentler images.

Clock

The Clock app offers features for keeping track of time and setting alarms.

1. From a Home screen, tap  **Apps** >  **Clock**.
2. Tap **Alarm**, **World Clock**, **Stopwatch**, or **Timer** to use a feature:

Alarm

Set an alarm to ring at a specific time.

Create an Alarm

Create an alarm event. You can set one-time or recurring alarms, and choose options for how to be notified.

1. From a Home screen, tap  **Apps** >  **Clock**.
2. Tap the **Alarm** tab.
3. Tap  **Create** and set the following options:
 - **Time:** Tap the digits to set a time for the alarm.
 - **Repeat:** Set the days for the alarm.
 - **Alarm type:** Choose whether the alarm uses sound, vibration, or sound and vibration to alert you.
 - **Alarm tone:** If you have chosen an alarm type that includes sound, choose a sound to play for the alarm.
 - **Volume:** If you have chosen an alarm type that includes sound, drag the slider to set the volume of the alarm.
 - **Snooze:** Allow snoozing, and set interval and repeat values for the alarm while snoozing.

- **Smart alarm:** When on, the alarm starts playing a tone at a low volume at an interval before the alarm time, and slowly increase in volume. Available when you have chosen an alarm type that includes sound.

- **Name:** Enter a name for the alarm.

4. Tap **SAVE**.

Delete an Alarm

Delete an alarm event.

1. From a Home screen, tap  **Apps** >  **Clock**.
2. Tap the **Alarm** tab and find the alarm in the alarm list.
3. Touch and hold the alarm to delete, and then tap  **Delete**.

World Clock

The world clock lets you keep track of the current time in multiple cities around the globe.

1. From a Home screen, tap  **Apps** >  **Clock**.
2. Tap the **World Clock** tab.

To list a city on the main World Clock screen:

1. Tap  **Add city** and tap a city.
2. Repeat to add more cities.

To remove a city from the main World Clock screen:

1. Touch and hold the city you want to delete.
2. Tap the checkbox next to each city you want to remove or tap the checkbox at top to select all cities.
3. Tap  **Delete**.

Stopwatch

The stopwatch lets you time events down to the hundredth of a second.

1. From a Home screen, tap  **Apps** >  **Clock**.
2. Tap the **Stopwatch** tab and use the following options:
 - **START**: Begin timing.
 - **STOP**: Stop timing.
 - **LAP**: Keep track of lap times.
 - **RESUME**: Continue timing after stopping the clock.
 - **RESET**: Reset the stopwatch to zero.

Timer

The timer provides a countdown timer for up to 99 hours, 59 minutes, and 59 seconds.

1. From a Home screen, tap  **Apps** >  **Clock**.
2. Tap the **Timer** tab.
3. Use the keypad to set the length of the timer and use the following options:
 - **START**: Start the timer.
 - **STOP**: Stop the timer.
 - **RESUME**: Continue timer after stopping the clock.
 - **RESET**: Reset the timer to zero.

Contacts

Store and manage your contacts with the Contacts app, which can be synchronized with a variety of your existing personal accounts, including Google, Email, Facebook, and your Samsung account.

For more information on connecting with and managing your accounts through your device, see [Accounts](#).

Note: The Contacts app is different from the CONTACTS tab in the Phone app. Both list the contacts in your phone and accounts, but the available options and functions are different.

Manage Contacts

Access your list of contacts by using the Contacts app, which is a shortcut to the Contacts tab. To access your Contacts list:

- From a Home screen, tap  **Apps** >  **Contacts**.

Find a Contact

You can search for a contact, or scroll the list to find one by name.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap the **Search** field and enter characters to find contacts that match.

Add a Contact

Use the following procedure to add a new contact.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap  **Add contact**, and then tap contact fields to enter information.
 - Choose a storage account for the contact. You can store the contact on the phone, your SIM card, or sync it with an account.
3. Tap  **Contact photo** to assign a picture to the new contact.
4. Enter a name, phone number, email, assign the contact to a group, and choose a default ringtone. Tap **ADD ANOTHER FIELD** to add additional contact information.
 - Tap  **Add** to enter additional entries.
 - Tap  **Delete** to remove an entry.
 - Tap  **Expand** for additional fields.
 - Tap the label to the right of an entry to choose a label for the field (for example, **Mobile**, **Home**, or **Work**).
5. Tap **SAVE**.

Edit a Contact

When editing a contact, you can tap a field and change or delete the information, or you can add additional fields to the contact's list of information.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap the contact to display it, and then tap  **Edit**.
3. Tap any of the fields to add, change, or delete information.
4. Tap **SAVE**.

Share Contacts

When you share a name card, the contact's information is sent as a vCard file (.vcf). You can share a vCard via Bluetooth or Wi-Fi Direct, attach it to a message, or save it to a storage location.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap a contact to display it, and then tap  **More options** > **Share name card**.
3. Choose a sharing method and follow the prompts.

Link Contacts

When you have contacts from various sources (Gmail, Facebook, and so on), you may have multiple similar entries for a single contact. Contacts lets you link multiple entries into a single contact.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap the contact to display it.
3. Tap  **Link**.
4. Tap **LINK ANOTHER CONTACT**, and then select contacts to link to the original contact.
5. Tap **DONE**.

Unlink Contacts

Separate linked contacts into individual contacts entries.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap the contact to display it.
3. Tap  **Link**.
4. Tap  **Separate** beside contacts to unlink them from the main contact.

Create a Shortcut to a Contact

You can create a shortcut to a favorite on the home screen, to access their information directly from the home screen.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap the contact to display it.
3. Tap  **More options** > **Add shortcut to Home screen**. The new shortcut displays in an empty area of the Home screen.

Delete Contacts

You can delete a single contact or choose multiple contacts to delete.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Touch and hold a contact to select it. You can also tap other contact or tap the checkbox at the top of the screen to select all.
3. Tap  **More options** > **Delete**, and then confirm.

Favorites

When you mark contacts as favorites, they are easily accessible from other apps.

Mark Contacts as Favorites

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap a contact to display it.
3. Tap  **Favorite** (the star turns bright gold ).

Remove Contacts from Favorites

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap a contact to display it.
3. Tap  **Favorite** (the star turns white ).

Groups

You can use groups to organize your contacts. Your phone comes with preloaded groups, and you can create your own. You might create a group for your family, for coworkers, or a team. Groups make it easy to find contacts, and you can send messages to the members of a group.

Create a Group

Create a new group.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap  **Groups**.
3. Tap  **Add** and enter information about the group:
 - **Group name:** Enter a name for the new group.
 - **Group ringtone:** Assign a ringtone to members of the group.
 - **Add member:** Select contacts to add to the new group, and then tap **DONE**.
4. Tap **SAVE**.

Rename a Group

Give a group a new name.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap  **Groups**, and then tap a group.
3. Tap  **More options** > **Edit group** and enter a new name.
4. Tap **SAVE**.

Add Contacts to a Group

Add additional contacts to a group.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap  **Groups**, and then tap a group.
3. Tap  **Add**, and then tap the contacts you want to add.
4. Tap **DONE**.

Send a Message or an Email to a Group

You can send a message or an email to members of a group.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap  **Groups**, and then tap a group.
3. Tap  **More options** > **Send message or email**.
4. Tap **Message** or **Email**.
5. Tap contacts to select them or tap the **All** checkbox at the top of the screen to select all, and then tap **DONE**. Only group members that have phone numbers (Message) or email addresses (Email) in their records are shown.
6. Choose an account and follow the prompts.

Delete a Group

Preset groups, such as Family, cannot be deleted.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap  **Groups**.
3. Tap  **More options** > **Select**.
4. Tap the groups to select them or tap the checkbox at the top of the screen to select all.
5. Tap **DONE**.
6. At the prompt, either tap **Group only** to only delete the group, or tap **Groups and members** to delete both the groups and the contacts in those groups.

Contact Settings

These settings allow you to modify settings associated with using the Contacts app.

1. From a Home screen, tap  **Apps** >  **Contacts**.
2. Tap  **More options** > **Settings** > **Contacts**.
3. Tap an option and follow the prompts.

Email

Use the Email app to view and manage all your email accounts in one application.

To access Email:

- From a Home screen, tap  **Apps** >  **Email**.

Configure Email Accounts

You can configure Email for most accounts in just a few steps.

1. From a Home screen, tap  **Apps** >  **Email**.
2. Follow the prompts to set up your email account.

To add additional accounts:

1. From a Home screen, tap  **Apps** >  **Email**.
2. Tap  **More options** > **Settings** > **Manage accounts**.
3. Tap  **Add account**.
4. Follow the prompts to set up your email account.
 - The phone communicates with the appropriate server to set up your account and synchronize your email. When complete, your email displays in the Inbox for the account.

Note: To configure email account settings at any time, tap  **More options** > **Settings**. Tap the email account to manage to display its settings.

Manage Multiple Email Accounts

You can view email you receive for all accounts on the **Combined view** screen or you can view email accounts individually.

1. From a Home screen, tap  **Apps** >  **Email**.
2. Tap  **Menu** at the top left of the screen to select:
 - **Combined inbox:** View all email in a combined inbox.
 - **[Account Name]:** View email for only one email account.

Remove an Email Account

To remove an email account:

1. From a Home screen, tap  **Apps** >  **Email**.
2. Tap  **More options** > **Settings** > **Manage accounts**.
3. Tap  **More options** > **Remove account**.
4. Tap the account you want to remove, and then tap **DONE**. Confirm if prompted.

Email Settings

These settings allow you to modify settings associated with using the Email app.

1. From a Home screen, tap  **Apps** >  **Email** >  **More options** > **Settings**.

– or –
From a Home screen, tap  **Apps** >  **Settings** > **Applications** > **Email**.
2. Tap an option and follow the prompts.

Galaxy Apps

Samsung Galaxy Apps is a free storefront that provides a quick and easy way to find and download apps that are compatible with your Galaxy device.

To access the Samsung Galaxy Apps website:

- From a Home screen, tap  **Apps** >  **Galaxy Apps.**

Gallery

View, edit, and manage pictures and videos.

View Images and Videos

Launching Gallery displays available folders. When another application, such as Email, saves an image, a Download folder is automatically created to contain the image. Likewise, capturing a screenshot automatically creates a Screenshots folder.

1. From a Home screen, tap  **Apps** >  **Gallery**.
2. Tap  **Menu** at the top left of the screen, and then tap an option to choose the way items display.
 - Tap  **Menu** > **Albums**, and then tap  **Create album** to create a new album.
3. Tap an album to open it.
4. Tap an image or video to view it in full screen. Swipe left or right to view the next or previous image or video.

Zoom In and Out

Use one of the following methods to zoom in or out on an image:

- Double-tap anywhere on the screen to zoom in or zoom out.
- Spread two fingers apart on any place to zoom in. Pinch the screen to zoom out.

Play Videos

View videos using the Gallery app.

1. From a Home screen, tap  **Apps** >  **Gallery**.
2. Tap a folder to open it.
3. Tap a video to view it.

Note: Videos are indicated by a  **Play** icon.

Share Images and Videos

Use one of the following methods:

1. From a Home screen, tap  **Apps** >  **Gallery**.
2. Tap a folder or category to open it.
3. Tap  **More options** > **Select**.
4. Tap images or videos to select them, or tap the **All** checkbox at the top of the screen to select all.
5. Tap **Share via**.
6. Tap a sharing service and follow the prompts to send the images or videos.

Delete Images and Videos

Remove images and videos from the Gallery app.

1. From a Home screen, tap  **Apps** >  **Gallery**.
2. Tap a folder or category to open it.
3. Tap  **More options** > **Select**.
4. Tap individual images and videos to select them, or tap the checkbox at the top of the screen to select all.
5. Tap  **Delete**. Confirm if prompted.

Internet

Access the Internet with a fully-featured web browser.

Access the Internet

- ▶ From a Home screen, tap  **Apps** >  **Internet**.

Command Keys

The following command keys are available:

-  **Back** or  **Back** key to return to the previous page.
-  **Forward** to go forward to a recent page.
-  **Home** to display your Internet Home screen.
-  **Bookmarks** to manage bookmarked pages, saved pages, and history.
-  **Tabs** to manage open tabs. The number on the icon indicates the number of tabs that are currently open.
-  **Refresh** to reload the current page.

View a Web Site

To view a web site:

- ▶ Tap the address field, enter the web address, and then tap **Go**.

To zoom in or out:

- ▶ Tap the screen twice or pinch the screen to zoom out and stretch the screen to zoom in.

Browser Tabs

Use tabs to view multiple web pages at the same time.

To open a new tab:

- ▶ Tap  **Tabs** > **NEW TAB**.

To close a tab:

- ▶ Tap  **Tabs** and then tap  **Close tab**.

Bookmarks

To bookmark the current web page:

1. Tap  **Bookmarks** > **ADD**.
2. Name the bookmark and tap **SAVE**.

To open a bookmarked web page:

- ▶ Tap  **Bookmarks** and tap an entry.

Saved Pages

To save a web page:

- ▶ Tap **MORE** > **Save web page**.

To view a list of saved web pages:

- ▶ Tap  **Bookmarks** > **SAVED PAGES**.

History

To view a list of recently visited web pages:

- ▶ Tap  **Bookmarks** > **HISTORY**.

Secret Mode

Pages viewed in secret mode do not display within your browser history or search history, and leave no traces (such as cookies) on your phone. Secret tabs are a darker shade than the normal tab windows.

Note: Any downloaded files remain on your phone after you close a secret tab.

To open a new secret tab:

1. From a Home screen, tap  **Apps** >  **Internet**.
2. Tap  **Tabs** > **MORE** > **New secret tab**.

Internet Settings

These settings allow you to modify settings associated with using the Internet app.

1. From a Home screen, tap  **Apps** >  **Internet** > **MORE** > **Settings**.
2. Tap an option and follow the prompts.

Memo

Use the Memo app to write and save notes on your device.

Compose Memos

1. From a Home screen, tap  **Apps** >  **Memo**.
2. Tap  **Create memo** and type a memo.
 - To change the category, tap  **Category**.
 - To insert an image into the memo, tap  **Image**.
 - To use your voice to insert text into the memo, tap  **Voice**.
3. When finished creating your memo, tap **SAVE**.

Manage Memos

- ▶ From a Home screen, tap  **Apps** >  **Memo**.
 - Tap a memo thumbnail to open it.
 - Tap the content of a memo to edit it.
 - To delete memos, tap  **More options** > **Select**, select memos, and tap  **Delete**.
 - To send a memo to others, tap  **More options** > **Select**, select memos, tap  **Share via**, and then select a method to share the memo.
 - To print a memo, tap  **More options** > **Select**, tap a memo to select it, and then tap  **More options** > **Print**.

Browse Memos

1. From a Home screen, tap  **Apps** >  **Memo**.
2. Browse memo thumbnails by scrolling up or down.
3. To search for a memo, tap  **Search**.

Messages

Learn how to send and receive different messages using the default Messaging app on your phone.

Types of Messages

Your default Messaging app provides the following message types:

- Text Messages (SMS)
- Multimedia Messages (MMS)

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as picture, video, and audio messages) to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Messaging icons are displayed at the top of the screen and indicate when messages are received and their type.

Create and Send Messages

This section describes how to create and send a message using the Messaging app.

1. From a Home screen, tap  **Apps** >  **Messages**.
2. Tap  **Compose**.
3. Tap the **Enter recipients** field to manually enter a recipient or tap  **Add Recipient** to select a recipient from your Contacts. You can also select the recipient based on Groups or Favorites.
 - If adding a recipient from your Contacts, tap the contact to place a checkmark then tap **DONE**. The contact is placed in the recipients field.
 - Enter additional recipients by separating each entry with a semicolon (;). More recipients can be added at any time before the message is sent.
 - For the Groups option, tap **GROUPS**, tap a Group name, tap the contacts to place a checkmark, and then tap **DONE**. The contacts are placed in the recipients field.
4. Tap the **Enter message** field and enter a message.
5. Tap  **Attachment** to attach a file to the message.
6. Tap  **Send**.

Note: If you exit a message before you send it, the message is automatically saved as a draft.

View New Messages

When you receive a new message, a new message icon displays on the Status bar.

To view the message:

1. Open the Notification panel and select the message. For more information, see [Notification Panel](#).

– or –

From a Home screen, tap  **Apps** >  **Messages**, and then tap the new message to view it.

2. To play a multimedia message (audio or video), tap  **Play**.
3. To scroll through the list of messages, tap the screen and scroll up or down the page.

Delete Messages

To delete messages, follow these steps:

1. From a Home screen, tap  **Apps** >  **Messages**.
2. Tap  **More options** > **Select**.
3. Tap each message you want to delete or tap the checkbox at the top of the screen.
4. Tap  **Delete**.

Message Search

1. You can search through your messages by using the Message Search feature.
2. From a Home screen, tap  **Apps** >  **Messages**.
3. Tap  **Search**.
4. Enter a word or phrase to search for, and then tap  **Search** on the keyboard.

Messages Settings

Configure the settings for text messages, multimedia messages, push messages, and so on.

1. From a Home screen, tap  **Apps** >  **Messages** >  **More options** > **Settings**.
2. Tap an option and follow the prompts.

Emergency Alerts

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System (CMAS) which may also be known as the Personal Localized Alerting Network (PLAN). For more information, please contact your wireless provider.

Emergency Alerts allows customers to receive geographically-targeted messages. Alert messages are provided by the US Department of Homeland Security and alert customers of imminent threats to their safety within their area. There is no charge for receiving an Emergency Alert message.

There are three types of Emergency Alerts:

- Alerts issued by the President
- Alerts involving imminent threats to safety of life (Extreme and Severe)
- AMBER Alerts (missing child alert)

Users may choose not to receive Imminent Threats (Extreme and Severe) and AMBER Alerts. Alerts issued by the President cannot be disabled.

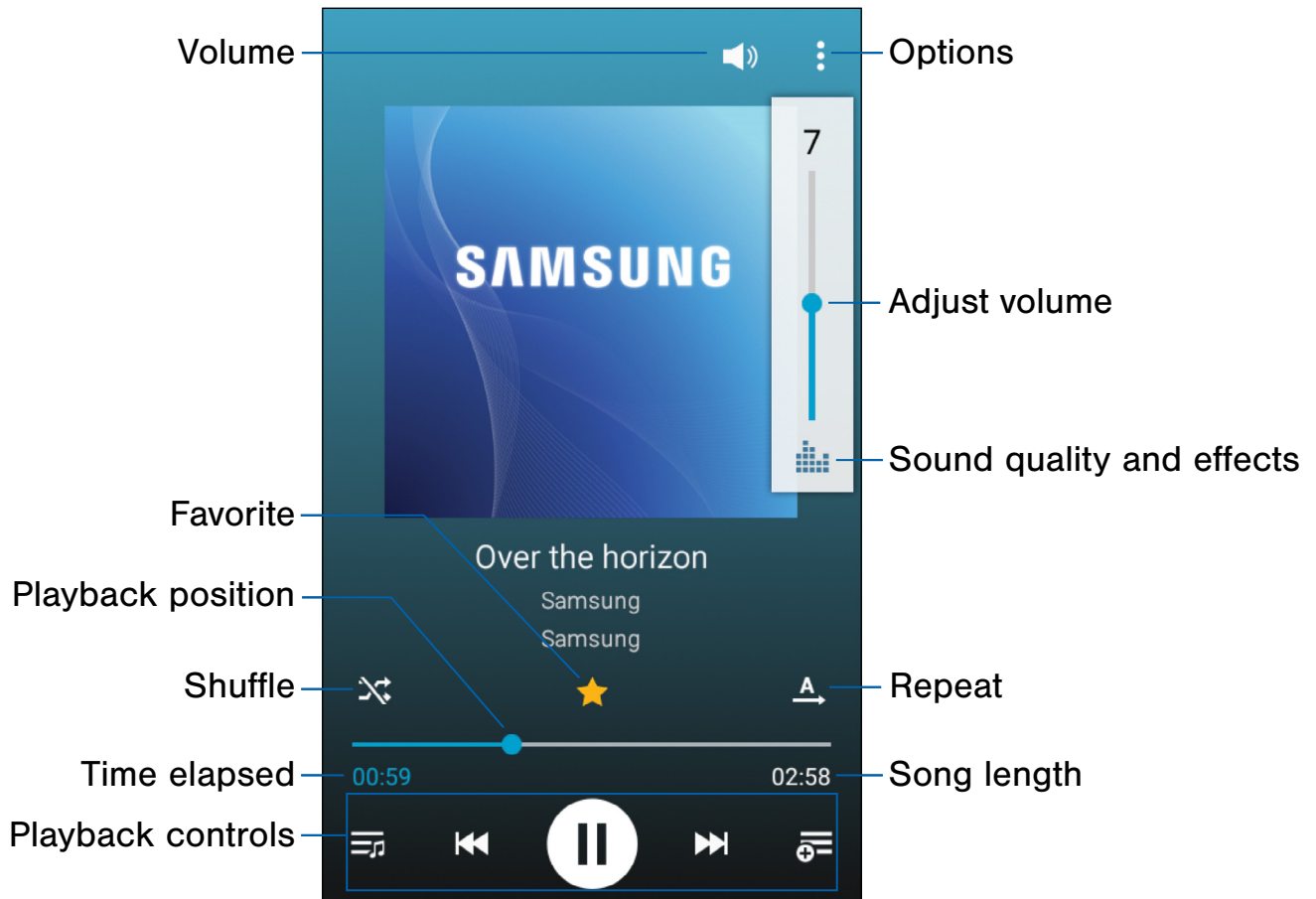
To disable Imminent Threats and AMBER Alerts, follow the instructions below:

1. From a Home screen, tap  **Apps** >  **Messages**.
2. Tap  **More options** > **Settings** > **Emergency alert settings**.
3. Tap **Emergency alert settings**.
4. Tap an alert option to disable it.

Note: All alerts are enabled by default. You cannot disable Presidential alerts.

Music Player

Listen to your favorite songs with the Music player. Navigate through your music library, play songs, and create customized playlists.



- **Options:** View more options.
- **Adjust volume:** Use the slider to adjust the volume.
- **Sound quality and effects:** Adjust audio quality and sound effects.
- **Repeat:** Play songs more than once.
- **Song length:** View the length of the song.
- **Playback controls:** Tap the icons to view the current playlist, fast-forward or rewind, play or pause the current song, or create a playlist.
- **Time elapsed:** View the time elapsed for the current song.
- **Shuffle:** Control song playback order.
- **Playback position:** Drag to skip to another part of the current song.
- **Favorite:** Tag this song as a favorite.
- **Volume:** Adjust the volume.

Listen to Music

1. From a Home screen, tap  **Apps** >  **Music**.
2. Tap a category at the top left of the screen to view your music files.
3. Scroll through the list of songs and tap a song to begin playback.
4. While playing music, use these controls:
 - Tap  **Pause** to pause playback. To start playback again, tap  **Play**.
 - Tap  **Rewind** to move to the previous song. Tap  **Fast-forward** to move to the next song.
 - Tap the repeat button to control playback. Choose  **Play once** to play all songs once. Choose  **Repeat all** to repeat all songs. Choose  **Repeat song** to repeat the current song.
 - Tap the shuffle button to control the order songs are played. Choose  **Shuffle off** to play songs in the order they appear in the list. Choose  **Shuffle on** to play songs in random order.
 - Tap  **Favorite** to mark a song as a favorite. Whenever a song is a favorite, the star is bright gold. Favorite songs are included in the Favorites playlist.
 - Tap  **Volume** to set the volume. You can also set volume by pressing the **Volume** key on the side of the phone.

Note: When you close the Music screen, playback will continue in the background, allowing you to listen to music while using other features of your phone. When music is playing in the background, you can access playback controls from the Notification panel.

My Files

Access files stored on your phone, including images, videos, songs, and sound clips.

To access the My Files app:

- ▶ From a Home screen, tap  **Apps** >  **My Files**.

File Groups

Files stored in the device are organized into the following groups:

-  **Recent files**: View recently saved files.
-  **Images**: View image files.
-  **Videos**: View video files.
-  **Audio**: View audio files.
-  **Documents**: View document files.
-  **Downloaded apps**: View downloaded apps.
-  **Download history**: View all apps and files that have been downloaded to the device.

Shortcuts

When you add shortcuts folders,  displays on the main My Files screen.

- ▶ Touch and hold a shortcut  to rename or delete the shortcut.

Local Storage

To view folder and files located on the device:

- ▶ Tap  **Device storage**.

To view folders and files located on the memory card (if installed):

- ▶ Tap  **SD card**:

Cloud Storage

When you add shortcuts to FTP servers or other cloud storage locations,  displays on the main My Files screen.

This option only displays if you have added shortcuts to the My Files main screen.

- ▶ Touch and hold a shortcut  to rename or delete the shortcut.

View Files in My Files

View files on your device and optional memory card (not included).

1. From a Home screen, tap  **Apps** >  **My Files**.
2. Tap a group or category to view the relevant files or folders.
3. Tap a file or folder to open it.

My Files Options

On the main My Files screen, the following options are available.

1. From a Home screen, tap  **Apps** >  **My Files**.
2. Tap  **Search**, and then enter search criteria.
3. Tap  **Storage usage** to view memory information for your device and memory card (not included).
4. Tap  **More options** for additional options:
 - **Add shortcut**: Create a shortcut to a file or folder.
 - **Settings**: Customize My Files.

Category Options

Display options for file categories.

1. From a Home screen, tap  **Apps** >  **My Files**.
2. After tapping a category, the following options are available:
 - Tap  **Home** to display the main My Files screen.
 - Tap  **Search** to search for a file in the selected category.
 - Tap  **More options** for additional options:
 - **Edit**: Select files or folders.
 - **Share**: Select and share files or folders.
 - **Create folder**: Create a new folder.
 - **Add shortcut**: Add a shortcut folder to the main My Files screen.
 - **View as**: Change the appearance of the files or folders.
 - **Sort by**: Change the sort order of the files.
 - **Show/Conceal hidden files**: Show or conceal hidden files.

Note: Available options vary by category.

File and Folder Options

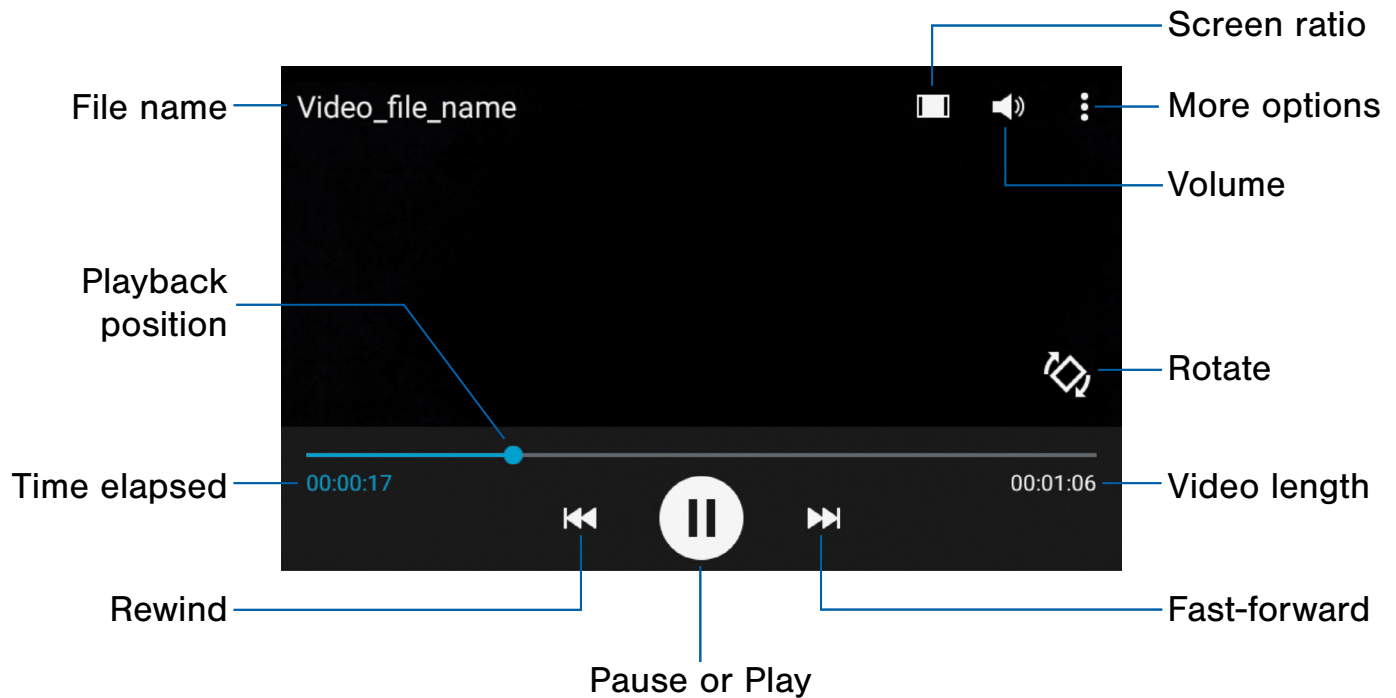
Manage files and folders.

1. Tap a folder to open it.
2. Touch and hold a file or folder to select it, or tap  **More options** > **Select** to select multiple file or folders. The following options are available:
 -  **Share via**: Send files to others or share them.
 -  **Delete**: Delete files or folders.
 - Tap  **More options** for additional options:
 - **Move**: Move files or folders to another folder.
 - **Copy**: Copy files or folders to another folder.
 - **Rename**: Rename a file or folder. This option only displays when just one file or folder is selected.
 - **Add shortcut**: Add a shortcut to the folder on the main My Files screen.
 - **Zip**: Create a zip folder containing the selected files. This option only displays in Local Storage categories. A selected zip folder has the additional options of **Extract** and **Extract to current folder**.
 - **Details**: View details of the selected files or folders.

Note: Available options vary by item selected.

Video Player

Play and manage videos stored on your device.



- **Screen ratio:** Change the screen ratio.
- **More options:** View more options.
- **Volume:** Adjust the volume.
- **Rotate:** Rotate the video. This option is only available if Screen rotation is turned off.
- **Video length:** View total length of the video.
- **Fast-forward:** Skip to the next video. Touch and hold to fast-forward the current video.
- **Pause or Play:** Pause or play the current video.
- **Rewind:** Restart the video or skip to a previous video. Touch and hold to rewind the video.
- **Time elapsed:** View time elapsed for the current video.
- **Playback position:** Drag to skip to another part of the video.
- **File name:** View the name of the video file.

Access the Video Player

View videos using the Video player.

1. From a Home screen, tap  **Apps** >  **Video**.
2. Scroll through the videos stored on your device.
3. Tap a video to view it.

Change the Video Screen Size

You can change the size of the video during video playback.

1. From a Home screen, tap  **Apps** >  **Video**.
2. Tap a video to view it.
3. Tap the screen ratio icon to cycle through the screen size options:
 -  **Full-screen in ratio view:** The video is enlarged as much as possible without becoming distorted.
 -  **Full-screen view:** The entire screen is used, which may cause some minor distortion.
 -  **Original size view:** The video will be played in its original size.
 -  **Stretch to fit:** The video is enlarged to fit the screen without becoming distorted.

Voice Recorder

Record voice memos and notes.

Create a Voice Recording

Create a new voice recording.

- ▶ From a Home screen, tap  **Apps** >  **Voice Recorder**.
 - Tap  **Record** to record an audio file.
 - Tap  **Stop** to stop recording. The file is automatically saved.
 - Tap  **Pause** to pause the recording of an audio file.
 - Tap  **Call rejection** to reject calls while recording an audio file.

View Recordings

View your voice recordings.

- ▶ From a Home screen, tap  **Apps** >  **Voice Recorder**.
 - Tap  **List** to display a list of recordings.
 - Tap  **More options**:
 - **Select**: Select recordings to share, delete or rename.
 - **Settings**: Display Voice Recorder settings. Tap an option and follow the instructions.

Settings

Configure your device's connections and settings, add accounts, and customize the home screen, apps, and features.

How to Use Settings

Configure device options using Settings.

- Some options use an **ON/OFF** button to turn the option on () or off ().
- For some options, you must tap a field, such as **Email address**, to display and set options.
- Some options are enabled or disabled by tapping a radio button or a checkbox. When enabled, a green  button or a  checkmark displays. Tap the button or checkmark to remove it and disable the option.

Accessing Settings

There are two ways to access Settings.

- From a Home screen, tap  **Apps** >  **Settings**.

– or –

From a Home screen, drag down from the Status bar to display the Notification panel, and then tap  **Settings**.

Wi-Fi

Wi-Fi is a term used for certain types of Wireless Local Area Networks (WLAN). Wi-Fi communication requires access to a Wireless Access Point (WAP).

Turn Wi-Fi On or Off

Turning Wi-Fi on makes your device able to discover and connect to compatible in-range WAPs.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on or off.

Scan and Connect to a Wi-Fi Network

Connect to an available Wi-Fi network.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on.
3. When Wi-Fi is first turned on, your device automatically scans for available networks and displays them.
4. Tap the network you want to connect to.
 - When you select an open network, you are automatically connected to the network. Otherwise, enter a password to connect.

Manually Connect to a Wi-Fi Network

Manually set up and connect a Wi-Fi network.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on.
3. Swipe to the bottom of the network list and tap **Add Wi-Fi network**.
4. Enter information about the Wi-Fi network:
 - **Network SSID:** Enter the name of the Wi-Fi network.
 - **Security:** Select a security option and enter your password.
 - **Show advanced options:** Tap if you need to add advanced options such as Proxy settings, IP settings, or Key management.
5. Tap **CONNECT** to store the new information and connect to your target WAP.

Wi-Fi Settings

The Wi-Fi settings menu allows you to set up many of your device's advanced Wi-Fi services.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on.
3. Tap **Smart network switch** if you want to automatically switch between Wi-Fi and mobile networks to maintain a stable Internet connection.
4. Tap  **More options** for the following settings:
 - **Scan:** Scan for available Wi-Fi networks.
 - **Wi-Fi Direct:** Find compatible devices to connect to directly over Wi-Fi.

- **Advanced:**

- **Network notification:** Receive a notification when new Wireless Access Points (WAPs) are available.
- **Keep Wi-Fi on during sleep:** Specify when to disconnect from Wi-Fi.
- **Always allow scanning:** Allow Google location service and other apps to scan for networks, even when Wi-Fi is turned off.
- **Install certificates:** Install authentication certificates.
- **MAC address:** View your device's MAC address, which is required when connecting to some secured networks (not configurable).
- **IP address:** View your device's IP address (not configurable).
- **WPS push button:** Set up a connection to a WPS (Wi-Fi Protected Setup) router or other equipment.
- **WPS PIN entry:** View the PIN used by your device to set up a PIN-secured connection to a Wi-Fi router or other equipment (not configurable).

Wi-Fi Status Indicators

Status bar icons show your current Wi-Fi connection status:

- When Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP),  displays.
- If a Wi-Fi access point is available, but your device is not connected to it,  displays. It may also display if there is a communication issue with the target Wireless Access Point (WAP).

Wi-Fi Direct

Wi-Fi Direct allows direct device-to-device connections via Wi-Fi, without having to connect to a Wi-Fi network.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on. Wi-Fi must be on to configure settings.
3. Tap  **More options** > **Wi-Fi Direct**. Your device automatically scans for nearby Wi-Fi Direct devices.
4. Select a device and follow the prompts to complete the connection.

To disconnect from a device:

- Tap **END CONNECTION**.

Wi-Fi Direct Status Indicator

When your device is connected to another device using Wi-Fi Direct,  displays in the Status bar.

Bluetooth

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car Bluetooth systems, and Bluetooth-enabled computers, printers, and wireless devices.

Note: The Bluetooth communication range is approximately 30 feet.

Turn Bluetooth On or Off

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn Bluetooth on or off.

Scan for Bluetooth Devices

When you want to pair with another Bluetooth device, you can scan for nearby devices that are visible.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn Bluetooth on.
3. When Bluetooth is first turned on, it scans for nearby Bluetooth devices and displays them.
 - Tap **SCAN** to manually perform a new scan.

Pair Bluetooth Devices

The Bluetooth pairing process allows you to establish trusted connections between your device and another Bluetooth device.

Pairing between two Bluetooth devices is a one-time process. Once a pairing is created, the devices continue to recognize their partnership and exchange information without having to re-enter a passcode.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn Bluetooth on.
3. Tap the checkbox next to your device to make it visible to other Bluetooth devices.
4. Make sure that the target device is discoverable, so that your device can find it. Refer to the instructions that came with the device to find out how to set it to discoverable mode.
5. Tap **SCAN**. Your device starts to scan for Bluetooth devices within range.
6. Tap the name of the target device displayed in the Bluetooth devices section. Your device then automatically tries to pair with the target device. If automatic pairing fails, enter the passcode supplied with the target device.

Note: Due to different 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.

Rename a Paired Device

Once you have paired your phone to another device, you can rename the paired device to make it easier to recognize.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn Bluetooth on.
3. From the Bluetooth settings screen, tap  **Settings** next to the previously paired device, and then tap **Rename**.
4. Use the keyboard to enter a new name, and then tap **OK**.

Delete a Paired Device (Unpair)

When you unpair from a Bluetooth device, the two devices no longer recognize each other. To connect again, you'd need to pair the devices.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Bluetooth**, and then tap **ON/OFF** to turn Bluetooth on.
3. From the Bluetooth settings screen, tap  **Settings** next to the previously paired device, and then tap **Unpair** to delete the paired device.

Bluetooth Status Indicators

When Bluetooth is turned on,  displays in the Status bar.

Tethering and Mobile Hotspot

Share your device's Internet connection with a computer that connects to your device using a USB cable or via Bluetooth.

Use Mobile Hotspot to share your device's Internet connection with other devices using your device as a portable Wi-Fi hotspot.

Mobile Hotspot

Note: You must have a tethering plan on your service account in order to use the Mobile Hotspot.

Warning: Mobile Hotspot consumes battery power and uses data service.

Turn Mobile Hotspot On or Off

Activate your device's Mobile Hotspot application to allow other devices to use your device's Internet connection.

1. From a Home screen, tap  **Apps** >  **Settings** > **Tethering and Mobile Hotspot**.
2. Tap **Mobile Hotspot**.
3. Tap **ON/OFF** to turn the feature on or off.

Warning: By default, your device's Mobile Hotspot has no security applied, and any device can connect. For more information, see [Configure Mobile Hotspot Settings](#).

Connect a Device to Your Mobile Hotspot

Use the other device's Wi-Fi control to connect to your device's Mobile Hotspot.

1. From a Home screen, tap  **Apps** >  **Settings** > **Tethering and Mobile Hotspot** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn Mobile Hotspot on.
3. Activate Wi-Fi on the target device.
4. Scan for mobile hotspots and select the target device from the list.
5. Enter your device's Mobile Hotspot password on the target device.

Allowed Device List

Control whether devices connect to your Mobile Hotspot with the Allowed device list. After you add devices to the list, they can scan for your device and connect using your device's Mobile Hotspot name and password.

Note: Using your device as a Mobile Hotspot consumes battery power and uses data service. While Mobile Hotspot is active, your device's applications use the Mobile Hotspot data service. Roaming while using your device as a Mobile Hotspot incurs extra data charges.

1. From a Home screen, tap  **Apps** >  **Settings** > **Tethering and Mobile Hotspot** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn the feature on.
3. Tap  **More options** > **Allowed devices**, and then tap  **Add** to enter the other device's Device name and MAC address.
4. Tap **OK** to add the device.

Change the Mobile Hotspot Password

Modify your Mobile Hotspot password.

1. From a Home screen, tap  **Apps** >  **Settings** > **Tethering and Mobile Hotspot** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn the feature on.
3. Tap  **More options** > **Configure Hotspot**.
4. Tap the **Security** field and select **WPA2 PSK** and enter a new password.

Configure Mobile Hotspot Settings

Manage your Mobile Hotspot security and connection settings.

1. From a Home screen, tap  **Apps** >  **Settings** > **Tethering and Mobile Hotspot** > **Mobile Hotspot**.
2. Tap **ON/OFF** to turn the feature on.
3. Tap  **More options** > **Configure Hotspot**:
 - **Network SSID**: View and change the name of your Mobile Hotspot.
 - **Hide my device**: Make your Mobile Hotspot invisible to other Wi-Fi devices during a scan. Other devices can still connect to your Mobile Hotspot, but have to set up the connection manually with your Network SSID and Password.
 - **Security**: Choose the security level for your Mobile Hotspot.
 - **Password**: If you choose a security level that uses a password, enter the password. By default, the password is your device's phone number.
 - **Show password**: Display your password instead of masking it.
 - **Show advanced options**: Access advanced options, including Broadcast channel, and to specify the channel your device uses for Portable Wi-Fi hotspot.

Use Tethering to Connect Your Device to a Computer

Connect your device to a device using a USB cable.

1. From a Home screen, tap  **Apps** >  **Settings** > **Tethering and Mobile Hotspot**.
2. Use **USB tethering** to connect the computer to the device using the USB cable.
3. Use **Bluetooth tethering** to share your phone's Internet connection.

Airplane Mode

Airplane mode disconnects your device from all networks and turns off connectivity features, such as phone calls and Wi-Fi.

While in airplane mode, you can use other features, such as playing music, watching videos, and other offline applications.

To turn Airplane Mode on or off:

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Airplane mode**.
3. Tap the checkbox to enable or disable the option.

Note: You can also control Airplane mode from the Device options menu. Press and hold the **Power** key, and then tap **Airplane mode**.

Data Usage

Monitor your mobile data usage.

Note: Your service provider may account for data usage differently.

1. From a Home screen, tap  **Apps** >  **Settings** > **Data usage** for options:
 - **Mobile data:** Enable mobile data. You can also control Mobile Data at the Notification panel.
 - **Set mobile data limit:** Disable your mobile data connection when the specified limit is reached. Drag the red limit line to set the data usage limit.
 - **Data usage cycle:** Tap the drop-down menu, and then choose a time period for data usage. Data usage for the period displays on the graph, along with usage by application below.
 - **UPGRADE DATA SERVICE:** Explore data plan upgrade options for your rate plan.
2. Tap  **More options** for options:
 - **Restrict background data:** Restrict some apps and services from working unless you are connected to a Wi-Fi network.
 - **Show Wi-Fi usage:** Display a Wi-Fi tab that shows Wi-Fi usage.
 - **Mobile Hotspot:** Select Wi-Fi networks that are mobile hotspots. You can restrict apps from using these networks, and you can configure apps to warn you before using these networks for large downloads.

Location

Some apps, such as Google Maps, may require one or more location services be turned on for full functionality.

Locating Method

Select a locating method.

1. From a Home screen, tap  **Apps** >  **Settings** > **Location**.
2. Tap **ON/OFF** to turn Location services on.
3. Tap **Mode** to select how your location is determined:
 - **High accuracy:** Use GPS, Wi-Fi, and mobile networks.
 - **Power saving:** Use Wi-Fi and mobile networks (no GPS).
 - **GPS only:** Use GPS only.

Recent Location Requests

Apps that have requested your location are listed under Recent location requests.

1. From a Home screen, tap  **Apps** >  **Settings** > **Location**.
2. Tap **ON/OFF** to turn Location services on.
3. Tap an entry under **Recent location requests** to view the app's settings.

Location Services

Google uses Location Reporting to store and use your device's most recent location data. Google apps, such as Google Maps, can use this data to improve your search results based on places that you have visited.

1. From a Home screen, tap  **Apps** >  **Settings** > **Location**.
2. Tap **ON/OFF** to turn Location services on.
3. Tap **Google Location History** and sign in to your Google Account for options:

Screen Mirroring

Share your phone's screen with another device.

1. From a Home screen, tap  **Apps** >  **Settings** > **Screen Mirroring**.
 - Scanning begins automatically. Available devices are listed.
2. Tap **SCAN** to find more devices.
3. Tap a device and follow the prompts to connect.

Printing

Print images and documents to Samsung printers and other compatible printers (not included).

1. From a Home screen, tap  **Apps** >  **Settings** > **Printing**.
2. Tap to choose a print service, or tap **Download plug-in** to add a print service.

More Networks

The More Networks settings allow you to configure a variety of communication settings for your device.

Default Messaging App

If you have multiple messaging apps installed, you can select which app should be your default messaging app.

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks**.
2. Tap **Default messaging app** to select a default.

Mobile Networks

Control your device's access to networks and mobile data service.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Mobile networks** for options:
 - **Mobile data**: Allow your device to connect to a mobile data network.
 - **Data roaming**: Allow your device to connect to data services while roaming. Significantly higher charges may result.
 - **Network mode**: Choose a preferred network mode.
 - **System select**: Change the CDMA roaming mode.

Virtual Private Networks (VPNs)

You can set up and configure Virtual Private Networks on your device.

Note: You must set a screen lock pattern, PIN, or password before setting up a VPN. For more information, see [Lock Screen](#).

Add a VPN

Set up a new VPN.

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks**.
2. Tap **VPN**.
3. Tap  **Add** and follow the prompts to set up your VPN.

Connect to a VPN

Connect to an existing VPN.

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks**.
2. Tap **VPN**.
3. Tap the VPN you want to connect to, enter your log in information, and tap **CONNECT**.

Edit or Delete a VPN

Modify or delete a VPN connection.

1. From a Home screen, tap  **Apps** >  **Settings** > **More networks**.
2. Tap **VPN**.
3. Touch and hold the VPN that you want to edit or delete.
4. Tap either **Edit network** or **Delete network**.

Sound and Notification Settings

Configure the sounds and vibrations used to indicate notifications, screen touches, and other activities.

Volume

Set the system volume level, and set default volume for call ringtones, notifications, and other audio.

Tip: You can also set System volume from the home screen by pressing the **Volume** key.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Volume** and then drag the sliders to set the default volume for:
 - Ringtone
 - Media
 - Notifications
 - System

Sound Mode

You can switch between sound modes, while preserving the individual sound settings you have made.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Sound mode**, and then choose a mode:
 - **Sound:** Use the sounds, vibrations, and volume levels you have chosen in Sound settings for notifications and alerts.
 - **Vibrate:** Vibrate for notifications and alerts. This uses the Vibration intensity you choose in Sound settings.
 - **Mute:** Your device plays no sounds or vibrations. Onscreen reminders still display.

Vibrate When Ringing

Turn on vibrating alert when the phone is ringing.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Vibrate when ringing**.

Ringtones

Choose from preset ringtones or add your own.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Ringtones**.
3. Tap a ringtone to hear a preview and select it.
– or –
Tap **ADD** to use an audio file as a ringtone.

Notification

Choose a sound for notifications, such as for new messages and event reminders.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Notification**.
3. Tap a sound to preview it.
4. Tap **OK** to select a notification sound.

Other Sounds

Choose sounds for system features.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Other sounds**, and tap the checkbox to enable each option:
 - **Dialing keypad tone**: Play tone when the dialing keypad is tapped.
 - **Screen lock sounds**: Play sounds when locking and unlocking the screen.
 - **Touch sounds**: Play sound when making screen selection.
 - **Emergency tone**: Select the alert type for emergency notifications.

Do Not Disturb

This setting allows you to block all notifications and alerts. The options below determine what notifications can make sounds, and during what time periods you want to enter this mode.

To activate Do Not Disturb mode:

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Do not disturb**.
3. Tap **ON/OFF** to enable this option.

Allow Exceptions

This option lets you customize what notifications are allowed while your phone is in Do not disturb mode.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Do not disturb**.
3. Tap **Allow exceptions**, and then tap **ON/OFF**.
4. Tap the checkbox next to each entry to enable the exceptions you want to allow.

Set Schedule

This option allows you to turn Do not disturb mode on and off automatically at scheduled times.

Note: Scheduling is not available if Do not disturb mode has been turned on manually.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Do not disturb**.
3. Tap **Set schedule**, and then set the Days, Start time, and End time.

Notifications on Lock Screen

Choose what notifications can display while the device is locked.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **Notifications on lock screen**, and choose an option.

App Notifications

Configure notifications for individual apps.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Sounds and notifications** > **App notifications**.
3. Tap an app to enable or disable notifications.

Display

Use these settings to configure the appearance of your phone's display.

Wallpaper

Change the look of the Home and Lock screens with wallpaper. You can display a favorite picture or choose from preloaded wallpapers.

1. From a Home screen, tap  **Apps** >  **Settings** > **Display**.
2. Tap **Wallpaper**.
3. Tap **Home screen**, **Lock screen**, or **Home and lock screen**.
4. Tap an image to preview it, and then tap **SET AS WALLPAPER**.
 - Tap **From Gallery** to use other images on your phone as wallpaper.

LED Indicator

Select which functions (such as charging or low battery) the LED indicator on the front of the device displays.

1. From a Home screen, tap  **Apps** >  **Settings** > **Display**.
2. Tap **LED indicator** for options:
 - **Charging**: A red LED illuminates when the phone is charging.
 - **Low battery**: A red LED blinks when battery power is low.
 - **Notifications**: A blue LED illuminates when there is a new notification.
 - **Voice recording**: A blue LED blinks when voice recording is in progress.

Notification Panel

Customize the order of the Quick setting buttons on the Notification panel.

1. From a Home screen, tap  **Apps** >  **Settings** > **Display**.
2. Tap **Notification panel**.
3. Touch and hold, then drag buttons to reorder them.
4. Tap **Reset** to use the default layout:

Brightness

Adjust the screen brightness to suit your surroundings or personal preference. You may also want to adjust screen brightness to conserve battery power.

1. From a Home screen, tap  **Apps** >  **Settings** > **Display**.
2. Tap **Brightness**.
3. Drag the **Brightness** slider to the right for a brighter display.

Note: You can also adjust Brightness from the Notification panel. Drag down the Status bar from the top of the screen to find the Brightness options.

Auto Rotate Screen

Use the front camera to rotate the screen based on the orientation of your face.

1. From a Home screen, tap  **Apps** >  **Settings** > **Display**.
2. Tap **Auto rotate screen** to enable.

Screen Timeout

Choose how long the display screen remains lit after you tap the screen or press any key.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Display** > **Screen timeout**, and then tap a time period to select it.

Daydream

The Daydream setting controls what the screen displays when the device is docked (dock not included), or while charging. You can choose to display colors, or display photos stored on your device.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Display** > **Daydream**.
3. Tap **ON/OFF** to turn Daydream on, and then configure these options:
 - **Colors**: Tap the selector to display a changing screen of colors.
 - **Photo Frame**: Display pictures in a photo frame. Tap  **Settings** for options.
 - **Photo Table**: Display pictures in a photo table. Tap  **Settings** for options.
 - **Photos**: Display pictures from your Google Photos account. Tap  **Settings** for options.
4. Tap  **More options** > **Preview** to see a Daydream demonstration.

Font Style

You can set the font style for all text that displays on the screen.

1. From a Home screen, tap  **Apps** >  **Settings** > **Display**.
2. Tap **Font style**.
3. Tap a font to select it, or tap **DOWNLOAD** to find new fonts from the Google Play store.

Font Size

You can change the font size for all text that displays on the screen.

1. From a Home screen, tap  **Apps** >  **Settings** > **Display**.
2. Tap **Font style**.
3. Tap a font size to select it.

Lock Screen

Choose a method for unlocking your screen. Different screen locks have different levels of security and options.

Set a Screen Lock

Select and configure a screen lock.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Lock screen**.
3. Tap **Screen lock** to select a screen lock and level of security:
 - **Swipe**: Swipe the screen to unlock it. This option provides no security.
 - **Pattern**: Draw a pattern on the screen to unlock your device. This option provides medium security.
 - **PIN**: Select a PIN to use for unlocking the screen. This option provides medium to high security.
 - **Password**: Create a password for unlocking the screen. This option provides high security.
 - **None**: Never use a Lock screen.
4. If you choose a secured lock screen option, select your notification settings:
 - **Show content**: Show content, which may include personal information, on the lock screen.
 - **Hide content**: Show only notifications on the lock screen.
 - **Do not show notifications**: Do not show content or notifications on the lock screen.

Screen Lock Options

The following options display depending on the screen lock type.

Swipe Only

- **Unlock effect**: Set the visual effect used when unlocking the screen.
- **Help text**: Show help information on unlocking the screen on the Lock screen.

Pattern Only

- **Make pattern visible**: Display the pattern as you draw it.

Pattern, PIN, and Password

- **Secured lock time**: Set the length of time to pass before locking the screen.

All Screen Locks

- **Dual clock**: Display both local and home times on your Lock screen when roaming.
- **Show date**: Display the date on the Lock screen.
- **Phone shortcut**: Display a Phone shortcut on the Lock screen.
- **Camera shortcut**: Display a Camera shortcut on the Lock screen.
- **Owner Information**: Show owner information on the Lock screen.

Call Settings

Configure options for calling with your phone.

To access Call settings:

1. From a Home screen, tap  **Apps** >  **Settings** > **Call**.
2. Tap any of the settings below to configure them:
 - **Call rejection:** Create or edit messages to reject incoming calls.
 - **Answering and ending calls:** Configure your phone to answer calls by pressing the **Home** key and end calls by pressing the **Power** key.
 - **Call-related pop-ups:** Configure call pop-up settings.
 - **More settings:** Configure TTY mode and hearing aid options.
 - **Ringtones and keypad tones:** Select or create your default ringtone, set the phone to vibrate when ringing, and play a tone when the dialing keypad is tapped.
 - **Service provider:** Select your voicemail service. Your carrier is selected by default.
 - **Voicemail settings:** Configure your voicemail.
 - **Auto retry:** Automatically redial a number at a preset interval when there is no answer or the recipient is busy.
 - **DTMF tones:** Select the length of the tone (**Normal** or **Long**) that the keypad generates each time you press a key.
 - **Voice privacy:** Tap to activate enhanced privacy mode.

Application Manager

You can download and install new applications on your device. Use Application manager settings to manage your downloaded and preloaded applications.

Note: Because this device can be configured with system software not provided by or supported by Google or any other company, you operate this software at your own risk.

Memory Usage

See how memory is being used by Downloaded or Running applications.

1. From a Home screen, tap  **Apps** >  **Settings** > **Application manager**.
2. Swipe across the screen to display DOWNLOADED, SD CARD, RUNNING, or ALL to display memory usage for that category of applications. If you have disabled applications, a DISABLED tab also displays.

Downloaded

Displays apps you have downloaded onto your device.

1. From a Home screen, tap  **Apps** >  **Settings** > **Application manager**.
2. Tap **DOWNLOADED** to view a list of all the downloaded applications on your device.

3. To switch the order of the DOWNLOADED list, tap  **More options** > **Sort by size** or **Sort by name**.
4. To reset all of your application preferences, tap  **More options** > **Reset app preferences**.
5. Tap an application to view and update information about the application, including memory usage, default settings, and permissions. The following options are displayed:
 - **FORCE STOP:** Stop an app that is misbehaving. Restart your device if stopping an app, process, or service causes your device to stop working correctly.
 - **UNINSTALL UPDATES:** Delete the application from the device or uninstall updates made to apps that cannot be deleted.
 - **DISABLE:** Disable apps that cannot be uninstalled.
 - **Show notifications:** Tap the checkbox to enable or disable notifications from the app. Notifications display in the Status bar.
 - **MOVE TO SD CARD:** Move this app to your microSD card.
 - **CLEAR DATA:** Clear application data from memory.
 - **CLEAR CACHE:** Clear an application's temporary memory storage.
 - **CLEAR DEFAULTS:** Clear an application's customization.
 - **Permissions:** View information about the application's access to your device and data.

SD Card

Displays apps you have downloaded onto your memory card (not included).

1. From a Home screen, tap  **Apps** >  **Settings** > **Applications** > **Application manager**.
2. Tap **SD CARD** to view a list of all the downloaded applications on your SD card.
3. To switch the order of the SD CARD list, tap  **More options** > **Sort by size** or **Sort by name**.
4. To reset your application preferences, tap **MORE** > **Reset app preferences**.

Note: When you reset app preferences, app data is not lost.

5. Tap an application to view and update information about the application, including memory usage, default settings, and permissions.

Running Services

View and control services running on your device.

1. From a Home screen, tap  **Apps** >  **Settings** > **Applications** > **Application manager**.
2. Tap **RUNNING** to view a list of running services.
 - All the applications that are currently running on the device display.
 - The graph on the RUNNING tab shows used and free RAM.
3. Tap  **More options** > **Show cached processes** to display all the cached processes that are running. Tap  **More options** > **Show services in use** to switch back.
4. Tap one of the applications to view application information.
 - **STOP:** Stops the application from running on the device. This is usually done prior to uninstalling the application. (Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.)
 - **REPORT:** Report failure and other application information.

Note: Options vary by application.

Disabled Services

View and configure disabled apps on your device.

Note: This screen only displays if you have disabled an app on the Apps screen.

1. From a Home screen, tap  **Apps** >  **Settings** > **Applications** > **Application manager**.
2. Tap **DISABLED** to view a list of applications you have disabled.
 - To switch the order of the DISABLED list, tap  **More options** > **Sort by size** or **Sort by name**.
 - To reset all of your application preferences, tap  **More options** > **Reset app preferences**.
3. Tap an application to view and update information about the application, including memory usage, default settings, and permissions. The following options are displayed:
 - **FORCE STOP:** Stop an app that is misbehaving. Restart your device if stopping an app, process, or service causes your device to stop working correctly.
 - **ENABLE:** This moves the application back to the Apps screen.
 - **Show notifications:** Tap the checkbox to enable or disable notifications from the app. Notifications display in the Status bar.
 - **MOVE TO SD CARD:** Move this app to your microSD card.
 - **CLEAR DATA:** Clear application data from memory.
 - **CLEAR CACHE:** Clear an application's temporary memory storage.
 - **CLEAR DEFAULTS:** Clear an application's customization.
 - **Permissions:** View information about the application's access to your device and data.

Note: Options vary by application.

Accounts

Set up and manage accounts, including your Google Account, Samsung account, email, and social networking accounts.

Depending on the account, you can choose to synchronize your calendar, contacts, and other types of content.

Add an Account

Add a new account to your device.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Accounts** > **Add account**.
3. Tap one of the account types.
4. Follow the prompts to enter your credentials and set up the account.

Synchronize Accounts

Update or refresh your accounts.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Accounts** > **[Account Type]**.
3. Tap an account to view the sync settings for that account.
4. Check individual data items to sync.
5. Tap  **More options** > **Sync now** to synchronize the account.

Account Settings

Each account has its own set of settings. In addition, you can configure common settings for all accounts of the same type.

Note: Account settings and available features vary between account types and service providers. Contact your service provider for more information on your account's settings.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Accounts** > **[Account Type]**.
3. Tap an account to configure that account's settings.

– or –

Tap other available options to configure common settings for all accounts of this type.

Remove an Account

Remove an account from your device.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Accounts** > **[Account Type]**.
3. Tap the account, and then tap  **More options** > **Remove account**.

Backup and Reset

Back up your data to Google servers. You can also reset your device to its factory defaults.

Backup and Restore

Enable backup of your information to Google servers.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Backup and reset** for options:
 - **Backup account:** Select a Google Account to be used as your backup account.
 - **Back up my data:** Enable back up of application data, Wi-Fi passwords, and other settings to Google servers.
 - **Automatic restore:** Enable automatic restoration of settings from Google servers. When enabled, backed-up settings are restored when you reinstall an application.

Factory Data Reset

Return your device to its factory defaults.

Factory Reset Protection

Adding a Google account to your device automatically enables the Factory Reset Protection (FRP) security feature.

FRP prevent other people from using your device if it is reset to factory settings without your permission. For example, if your device is lost or stolen, only someone with your Google account can perform a factory data reset and use the device.

When a device is factory reset, the device will not be able to be setup without the user entering the Google Account associated with the device.

Caution: You should remove your Google Account before shipping your device to Samsung or any other service provider for service and before resetting the device to factory settings.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Backup and reset** > **Factory data reset**.
3. Tap **RESET DEVICE** and follow the prompts to perform the reset.

Warning: This action permanently erases ALL data from the device, including Google or other account settings, system and application data and settings, downloaded applications, as well as your music, photos, videos, and other files.

Easy Mode

Switch between the default screen layout and a simpler layout. The Easy Mode layout has larger text and icons, making for a more straightforward visual experience.

To enable Easy Mode:

1. From a Home screen, tap  **Apps** >  **Settings** > **Easy mode**.
2. Tap **ON/OFF** to enable this feature.
 - Swipe to the left to select which apps you want to appear on the Home screen.
 - Swipe to the right to add contacts to your Home screen.

To disable Easy Mode:

1. From a Home screen, tap  **Apps** >  **Settings** > **More settings** > **Easy mode**.
2. Tap **ON/OFF** to disable this feature.

Accessibility

Accessibility services are special features that make using the device easier for those with certain physical disabilities.

Note: You can download additional accessibility applications from the [Google Play store](#).

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Accessibility** for options:

More settings

- **Direct access:** Press the **Home** key three times to open the accessibility options screen.
- **Answering and ending calls:** Select the methods you can use to answer and end a call.
- **Single tap mode:** Tap to stop or snooze alarms, calendar events, and timer alerts, and accept or reject incoming calls.

Services

Additional accessibility apps may be downloaded from the Google Play Store. Certain accessibility services you install may be configured here.

- **TalkBack:** Speak feedback aloud to assist blind and low-vision users.
 - TalkBack can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.
- **Switch Access:** Control your device using configurable key combinations.

Vision

- **Speak passwords:** Read the characters aloud as you enter your passwords.
- **Font size:** Set the font size.
- **Magnification gestures:** Use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Negative colors:** Reverse the display of colors from white text on a black background to black text on a white background.
- **Color correction:** Adjust the color of the screen if you are color blind or have difficulty reading the display due to the screen color. Tap **Color correction** for options.
- **Notification reminder:** Beep at set intervals to remind you of any unread notifications.
- **Accessibility shortcut:** Quickly enable accessibility features in two quick steps. Tap **ON/OFF** to turn the feature on.
- **Text-to-speech options:** Set your preferred TTS engine and options. For more information, see [Text-To-Speech Options](#).

Hearing

- **Flash notification:** Set your camera light to blink whenever you receive a notification.
- **Turn off all sounds:** Turn off all notifications and audio for privacy.
- **Hearing aids:** Improve the sound quality of your device for use with hearing aids.
- **Samsung subtitles (CC):** Use Samsung subtitles with multimedia files when available.
- **Google subtitles (CC):** Use Google subtitles with multimedia files when available.
- **Mono audio:** Switch audio from stereo to mono for use with one earphone.
- **Sound balance:** Use the slider to set the left and right balance when using a stereo device.

Dexterity

- **Press and hold delay:** Select a time interval for this gesture.

Interaction

- **Interaction control:** Customize the way you interact with applications and settings on your phone.

Language and Input

Configure your device's language and input settings.

Set Your Default Language

Select a default language for your device.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input** > **Language**.
3. Select a language from the list.

Select Your Default Keyboard or Input Method

Select a default keyboard or other input method for your device.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input** > **Default**.
3. Select a keyboard.

Note: Additional keyboards can be downloaded from the [Google Play store](#).

Samsung Keyboard Settings

Configure options for using the Samsung keyboard.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input**.
3. Tap **Samsung keyboard** for options:
 - **English (US)**: Choose a keyboard layout.
 - **Select input languages**: Choose which languages are available on the keyboard. To switch between languages, slide the space bar sideways.
 - **Predictive text**: Predictive text suggests words that match your text entries, and automatically completes common words. Predictive text can learn your personal writing style from your contacts, messages, Gmail, and social networking sites—improving its accuracy of predicting your text entries.
 - Additional keyboard settings provide assistance with capitalization, punctuation, and much more.

Google Voice Typing Settings

Speak rather than type your text entries using Google Voice Typing.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input**.
3. Tap **Google voice typing** for options:
 - **Languages:** Select languages for Google voice typing.
 - **“Ok Google” detection:** Tap to launch a Google search whenever you say “Ok Google”.
 - **Hands-free:** Allow requests with the device locked.
 - **Speech output:** Select options for spoken feedback.
 - **Offline speech recognition:** Download and install speech recognition engines, allowing you to use voice input while not connected to the network.
 - **Block offensive words:** Hide words many people find offensive are in results of Google voice searches. Offensive words are replaced in results with a placeholder (####).
 - **Bluetooth headset:** Use audio input from a Bluetooth headset, if one is connected.

Voice Input

Use Google voice recognition to perform Google searches using spoken commands.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input** > **Voice input** for options:
 - **Enhanced Google services:** Full voice interaction.
 - **Basic Google recognition:** Simple voice recognition.
3. Tap  **Settings** next to the recognition service to customize.

Text-To-Speech Options

Configure your Text-To-Speech (TTS) options. TTS is used for various accessibility features, such as TalkBack. For more information, see [Accessibility](#).

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input** > **Text-to-speech options** for options:
 - Tap  **Settings** next to Samsung or Google Text-to-speech engines for options.
 - **Speech rate:** Set the speed at which the text is spoken.
 - **Listen to an example:** Play a sample of speech synthesis (available if voice data is installed).
 - **Default language status:** Display the default language in use.

Mouse/Trackpad Settings

Configure settings for using an optional mouse or trackpad (not included).

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input** > **Pointer speed**.
3. Drag the slider to the right to go faster or to the left to go slower.
4. Tap **OK** to save your setting.

Date and Time

By default, your device receives date and time information from the wireless network.

When you are outside network coverage, you may want to set date and time information manually using the date and time settings.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Date and time** for the following settings:
 - **Automatic date and time:** When enabled, the device takes date and time updates from the wireless network.
 - **Set date:** Enter the current date (only available when Automatic date and time is disabled).
 - **Set time:** Enter the current time (only available when the Automatic setting is disabled).
 - **Automatic time zone:** When enabled, the device takes the time zone from the wireless network.
 - **Select time zone:** Choose your local time zone (only available when the Automatic setting is disabled).
 - **Use 24-hour format:** Set the format for time displays.

Ultra Power Saving Mode

Use this feature to apply a simplified grayscale theme to your Home screen and limit the number of usable apps.

1. From a Home screen, tap  **Apps** >  **Settings**.

2. Tap **Ultra power saving mode**.

3. Tap **ON/OFF** to turn the feature on.

To turn Ultra power saving mode off:

► From the Home screen, tap  **More options** > **Turn off Ultra power saving mode**.

Battery

View how battery power is used for device activities.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Battery** for the following options:
 - **Show battery percentage**: Tap the checkbox to hide or display the battery charge percentage next to the battery icon on the Status bar.

Battery Chart

The battery level displays as a percentage. The amount of time the battery has been used also displays.

Apps and OS Usage

Battery usage displays in percentages per application.

1. Tap **Screen, Android System, Android OS**, or an app to view how they are affecting battery use.
2. Tap **REFRESH** to update the listing.

Note: Other applications may be running that affect battery use.

Storage

View the device memory and usage, or mount, unmount, or format an optional memory card (not included).

Device Memory

View and manage the memory used by the device.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Storage**.
 - The Device memory displays Total space and Available space.
 - The amounts of memory used by Applications, Pictures and videos, Audio, Downloads, Cached data, and Miscellaneous files display.

To increase available memory:

1. Tap **Cached data** to clear all cached data for all apps. Tap **DELETE** to confirm.
2. Tap **Miscellaneous files**, select unnecessary files, and then tap **DELETE**.

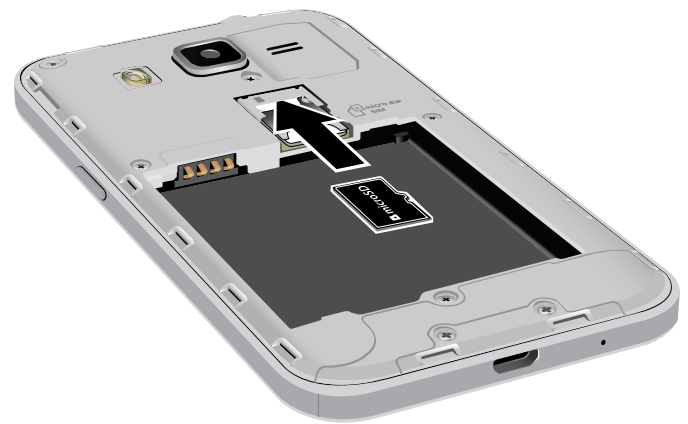
Memory Card (SD Card)

Once an optional memory card (not included) has been installed in your device, the card memory displays as Total space and Available space.

Install a Memory Card

You can use an optional microSD or microSDHC card (not included) to add additional memory space to your device.

Note: The micro SD card slot is above the SIM card slot.



1. Remove the back cover. For more information, see [Remove the Back Cover](#).
2. With the gold contacts facing down, carefully slide the memory card into the slot.
3. Replace the back cover. For more information, see [Replace the Back Cover](#).

Mount a Memory Card

When you install an optional memory card, it is automatically mounted (connected to the device) and prepared for use. However, should you unmount the card without removing it from the device, you must mount it again.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Storage** > **Mount SD card**.

Remove a Memory Card

Remove a memory card from your device.

Warning: To prevent damage to information stored on the memory card, unmount the card before removing it from the device.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Storage** > **Unmount SD card**.
3. Remove the back cover. For more information, see [Remove the Back Cover](#).
4. Carefully slide the card out.
5. Replace the back cover. For more information, see [Replace the Back Cover](#).

Format a Memory Card

Prepare a memory card for use.

Warning: When formatting an SD card, you should back up your music and photo files that are stored on the card because formatting the SD card deletes all the stored data.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Storage** > **Format SD card** and follow the prompts.

Security

Secure your device and protect your data with Security settings.

Device Administration

Manage your device administrators and application installation privileges.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** for Device administration options:
 - **Device administrators:** Add or remove device administrators.
 - **Unknown sources:** Enable installation of applications that are not from the Google Play store.

Warning: Enabling installation of third-party applications can cause your device and personal data to be more vulnerable to attacks by unknown sources.

Encrypt Your Data

Require a numeric PIN or password to decrypt your device each time you power it on or encrypt the data on a memory card (not included) each time it is connected.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** for Encryption options:
 - Tap **Encrypt device** and follow the prompts to encrypt all data on your device.
 - Tap **Encrypt external SD card** to encrypt data on a memory card (not included).

Find My Mobile

Protect your device from loss or theft allowing your device to be locked, tracked, and for your data to be deleted remotely.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** for Find My Mobile options:
 - **Remote controls:** Tap to activate or deactivate Remote controls, which allows you to access your device remotely.
 - **SIM change alert:** Prevent unauthorized changes to your SIM card by being alerted whenever an app or service attempts to change data on your SIM card.
 - **Go to website:** To access your device remotely, visit findmymobile.samsung.com.

SIM Card Lock

Lock your SIM card to require a PIN for use.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** > **Set up SIM card lock** to create a new password.

View Passwords

Display password characters briefly as you type them.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** > **Make passwords visible** to turn the feature on.

Security Update Service

Automatically receive security updates.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** for Security update service options:
 - **Security policy updates:** Automatically or manually check for security policy updates.
 - **Send security reports:** Send security reports to Samsung via Wi-Fi for threat analysis.

Credential Storage

Manage your security certificates. If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** for Credential storage options:
 - **Storage type:** Select a storage location for credential contents.
 - **Trusted credentials:** Display certificates in your device's ROM and other certificates you have installed.
 - **Install from device storage:** Install a new certificate from storage.
 - **Clear credentials:** Erase the credential contents from the device and reset the password.

Advanced

Use these options to configure advanced security settings.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Security** for the following Advanced options:
 - **Trust agents:** Perform selected actions when trusted devices are connected. (This option is available only with secure locks, like PIN and password.)
 - **Pin windows:** Pin an app on your device screen, preventing access to other features of your phone.
 - **Access application usage data:** View which application can access your device's usage history.
 - **Smart Lock:** Set your trusted devices, places, voice, and on-body detection preferences.

Note: To view Trust agents, set up a secure screen lock (PIN, Password, or Pattern). For more information, see [Set a Screen Lock](#).

About Device

View information about your phone, including status, legal information, hardware and software versions, and a tutorial.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **About device**, and then tap items for more details:
 - **Status:** View the status of the battery, network, and other information about your device.
 - **Legal information:** View your device's open source licenses, Google legal information, and Samsung legal information.
 - **Report diagnostic info:** Tap to send diagnostic information about your phone to Samsung.
 - **Device name:** View and change your device's name.
 - Additional device information includes the Model number, Android version, Build number, and more.

System Updates

Use System updates to update your device's software.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **System updates**.
3. Tap **Check for new system update**.
4. Follow the prompts to download and install system updates, if available.