SAMSUNG
Galaxy Tab S2

TABLET

User Manual

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

SAMSUNG

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Read this information before using your mobile device.

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The online version of the Health/Safety and Warranty guide for your device can be found at:

English
samsung.com/us/Legal/Tablet-HSGuide

Spanish
samsung.com/us/Legal/Tablet-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.

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

Light sensors ⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯ Front camera

SAMSUNG

12:45 PM
Thu, September 3

Microphone

Memory card slot

SIM card slot

Recent ⎯⎯⎯⎯⎯⎯⎯⎯⎯⎯ Back

Home key ⎯⎯⎯⎯⎯⎯⎯

- **Back**: Tap to return to the previous screen, or to close a dialog box, menu, or keyboard.

- **Front camera**: Take pictures and record videos of yourself.

- **Home key**: Press to return to the Home screen. Activate the Fingerprint security feature.

- **Light sensors**: Detects the presence of objects near the device.

- **Memory card slot**: Install an optional memory card (not included) for storage of files.

- **Microphone**: Records audio and detects voice commands.

- **Recent**: Tap to display recent apps or touch and hold for Home screen options.

- **SIM card slot**: Install your SIM card here.

Back View

Rear camera

Power key

Volume key

Speaker

USB charger/
Accessory port

Speaker
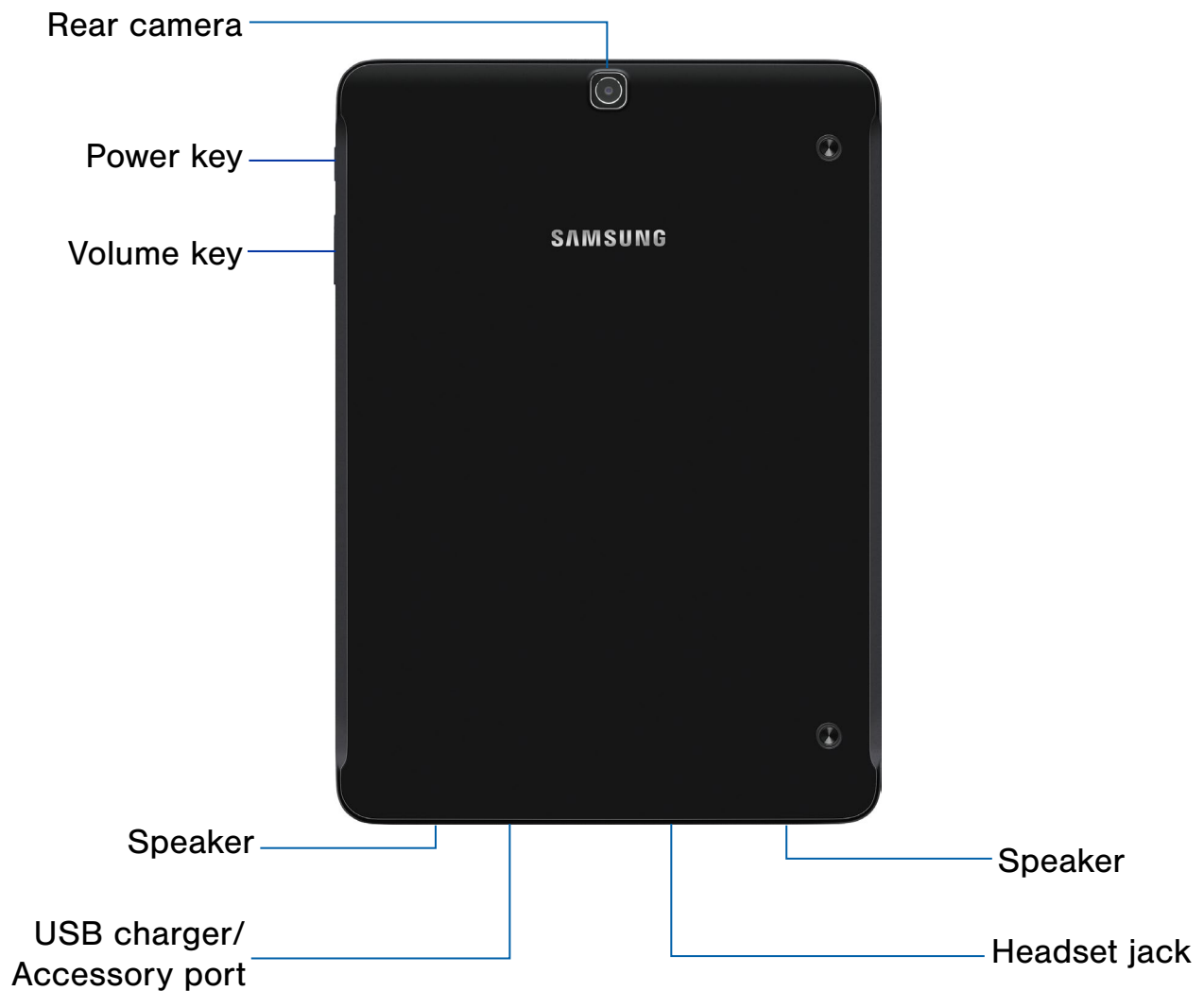
Headset jack

- **Headset jack**: Connect an optional headset (not included).

- **Power key**: Press and hold to turn the device on or off. Press to lock or wake up the screen. Press and hold to turn the device off or restart it, or for quick access to Airplane Mode.

- **Rear camera**: Take pictures and record videos.

- **Speaker**: Plays music and other sounds.

- **USB charger/Accessory port**: Connect the Charger/USB cable (included), and other optional accessories (not included).

- **Volume key**: Press to adjust the volume of your device's sounds.

Assemble Your Device

This section helps you to assemble your device.

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 will be 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.

Caution: Exercise care when using the metallic removal tool to eject the internal SIM card slot.

1. Insert the removal tool into the hole on the SIM tray, and push until the tray pops out.

2. Place the SIM card on the tray, and slide the tray back into the slot.

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

Caution: If the card is not inserted correctly, the device will not 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.

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.

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, then plug the charging head into a standard AC power outlet.

3. When charging is complete, unplug the charging head from the power 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 weak and only a few minutes of operation remain, 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 starts up.

Turn the Device Off

1. Press and hold the **Power** key until the device options menu displays.

2. Tap **Power off**.

3. On the window that displays, tap **POWER OFF**.

Welcome Screen

The first time you turn your device on, the Welcome Screen displays. It will guide you through the basics of setting up your device.

Follow the prompts to choose a default language, connect to a Wi-Fi network, set up accounts, choose location services, learn about your device's features, and more.

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

Notification icons

Status bar

Status icons

Widget

Apps folder

Home screen indicator

Apps list

App shortcuts

- **App shortcuts**: Shortcuts to your favorite applications.

- **Apps folder**: For your convenience, there are several applications that are grouped into folders on the main Home screen.

- **Apps list**: Allows quick access to all of your applications.

- **Home screen indicator**: Indicates which Home screen is presently displayed.

- **Notification icons**: Displays new messages and emails, notifications, available software updates, and so on.

- **Status bar**: Displays device status icons (right) and notification icons (left).

- **Status icons**: Display information about the device, such as the network signal strength, battery level, the time, and so on.

- **Widget**: Self-contained application (not a shortcut) that runs on a Home screen.

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

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**: Swipe to the end of the screens, and then tap ╋ **Add**.

    *   **Remove a screen**: Touch and hold 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.

    *   **Flipboard Briefing**: Scroll to the left of the screens to find the Flipboard Briefing screen. To activate this feature, tap the checkbox at the top center of the screen.

Change the Wallpaper

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

1. Touch and hold an empty space on the screen, and then tap **Wallpapers**.

2. Tap **HOME SCREEN**, **LOCK SCREEN**, or **HOME AND LOCK SCREEN**.

3. Tap a wallpaper to see a sample, and then tap **SET AS WALLPAPER**.

For more information, see Wallpaper 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. Touch and hold an empty space on the screen, and then tap **Widgets**.

2. Touch and hold a widget, drag it to a Home screen, and 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 release it.

Remove a Shortcut

1. Touch and hold a shortcut to release it.

2. Drag the icon 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.

Add a Folder to a Home Screen

1. Touch and hold an app shortcut and drag it on top of another app shortcut until a highlighted box appears.

2. Release the app icon to create the folder.

Use Folders

- Tap the folder to view the apps inside.

  - Tap **Enter folder name** to enter a name for the folder.

  - Tap anywhere outside of the folder to close it.

- To add more apps, touch and hold an app icon and drag it to the folder.

- To delete a folder, touch and hold the folder until it detaches, and then drag it 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	
	Battery is fully charged.
	Battery is low.
	Battery is charging.
	Vibrate mode is enabled.
	Mute mode is enabled.
	The device is connected to a 4G LTE wireless network.
	Signal strength.
	Wi-Fi is active.

Notification Icons	
	New email has arrived.
	New Gmail has arrived.
	Download of a file or app is in progress.
	File is being uploaded or sent.
	Location service (GPS) is active.
	App updates are available from the Google Play store.
	App installation or updates are complete.
	Keyboard is in use.

Navigation

Learn the basics for how to navigate through your device, and basics for how to customize screens by editing, sharing, and deleting items.

Touchscreen Navigation

Tap

Lightly tap items to select or launch them.

● Tap the onscreen keyboard to enter characters or text.

● Tap an item to select it.

● Tap an app icon to launch the application.

Touch and Hold

Activate onscreen items by a touch and hold gesture.

● 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 or Slide

To swipe, lightly drag your finger vertically or horizontally across the screen.

● Swipe or slide to unlock the screen.

● Swipe or slide to scroll through the Home screens or menu options.

Drag

To drag, touch and hold on an item, and then move it to a new location.

● Drag to add a shortcut to a Home screen.

● Drag to move a widget 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 or taking a picture.

● Spread your fingers on the screen to zoom in while viewing or taking a picture.

Motions

Control your device by making specific motions with your hand on the device's screen.

Enable Motions

1. From a Home screen, tap ▦ **Apps** > ⚙ **Settings** > **Motions and gestures**.

2. Tap **ON/OFF** to enable each feature.

    For details, see Motions and Gestures.

Notification Panel

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

Edit Quick settings

Settings

Manage users

Quick settings

Adjust screen brightness

Tap a notification to launch its app or view it

Clear all notifications
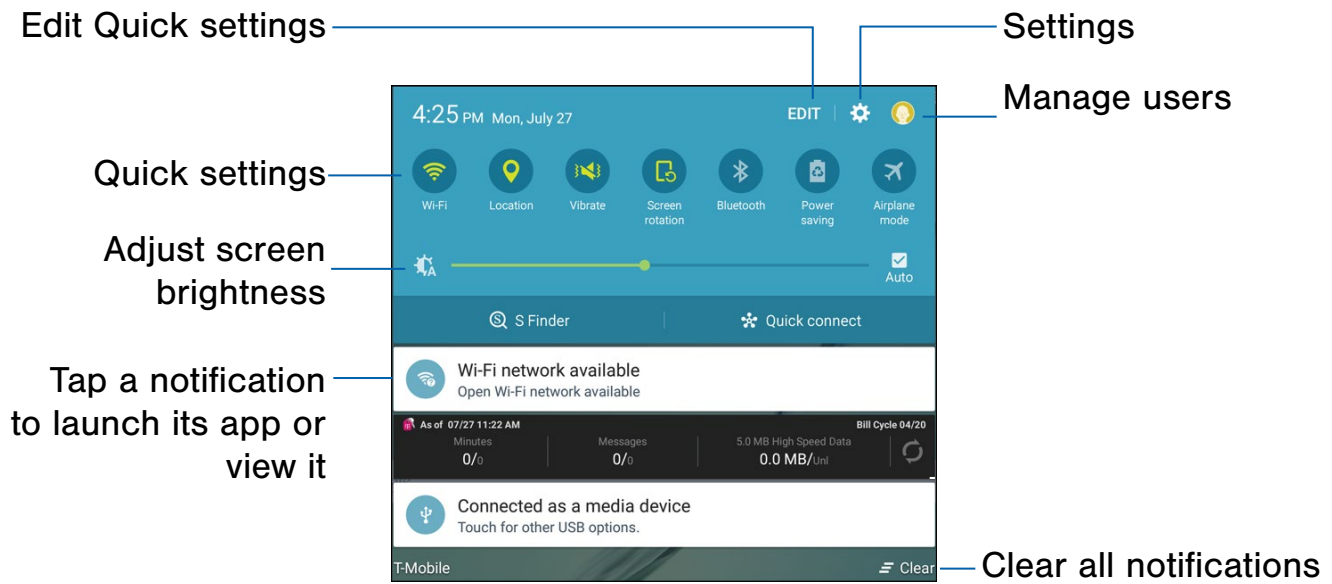
View the Notification Panel

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. To close the Notification panel, swipe upward from the bottom of the screen or tap ⬑ **Back**.

Quick Settings

In addition to notifications, the Notification panel also provides quick access to device functions such as Wi-Fi, allowing you to quickly turn them on or off.

To view additional Quick settings:

► Swipe left or right across the visible icons.

To customize Quick settings:

► On the Notification panel, tap **EDIT**.

Multi Window

Multitask by using multiple applications at the same time.
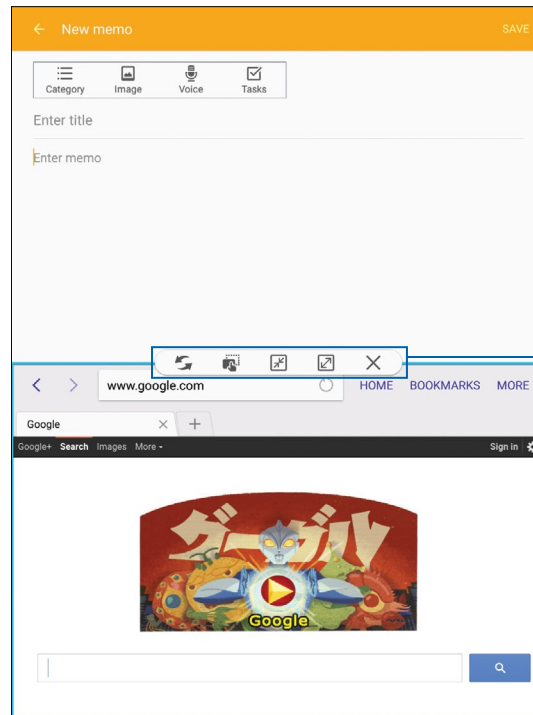
Window controls

Activate Multi Window

Apps that support Multi window display together on a split screen. You can switch between the apps, adjust the size of their display on the screen, and copy information from one app to the other.

Note: Multi window is not available for all apps.

1. From any screen, touch and hold ⬜ **Recent**.

2. If you are currently using an app that supports Multi window, tap an app to add in split screen, or tap two new apps to open in split view.

You can also launch recently used apps directly into Multi window view:

1. Tap ⬜ **Recent**.

2. Recently used apps that support Multi window have a ▤ **Multi window** icon in the title bar. Tap the Multi window icon in the title bar to launch the application in Multi window view.

3. Other recently used apps that support Multi window appear below the launched app. Tap the app icon to add it to the Multi window view.

Note: Only applications that support Multi window have the Multi window icon.

Window Controls

Select an application window and tap ⚪ **Control** in the middle of the window to display the window controls.

Control Buttons

	Switch windows: Switch the positions of two Multi Window applications.
	Drag and drop content: Move items between the application windows. Drag an item to share from one window to another. Some applications may not support this feature.
	Minimize window: Minimize the selected app window. This turns the app into a circular, movable icon that can be opened by tapping on it.
	Maximize window: Open the selected window in full screen view.
	Close app: Close the selected application.

Enter Text

Use the Samsung Keyboard

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

Predictive text

Options key

Special Keys	
Sym	Tap to insert numbers and symbols.
ABC	Tap to insert letters.

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

🎤	Use Google Voice Typing.
✍	Use your handwriting to enter text.
📋	Access the clipboard.
☺	Insert emojis.
⌨	Change the layout of the keyboard.
⚙	Access keyboard settings.
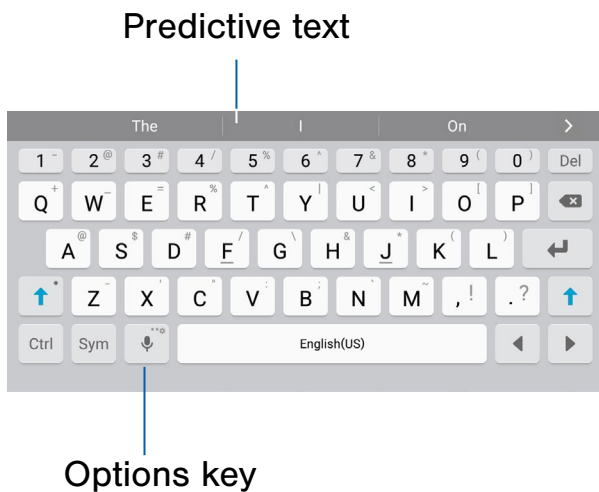
Note: The available Options keys depend on the application in use. Not all options are available for all apps.

Predictive Text

Predictive text suggest words matching your text entries, and, optionally, completes common words automatically. 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.

Use Google Voice Typing

Instead of typing, speak your text input.
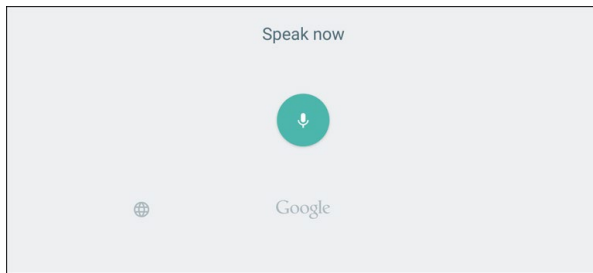
To enable Google Voice Typing:

1. On the Samsung Keyboard, tap 🎤 **Google Voice Typing**. You may need to touch and hold the **Options** key (left of the **Space** key) to find it.

2. Speak your text.

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.

Applications

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

Learn how to change the way apps appear, 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 Accessibility.

Access Applications

1. From a Home screen, tap ⊞ **Apps**.

2. Tap an application's icon 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**: View and download Samsung apps that are optimized for use with Galaxy devices. Visit apps.samsung.com to learn more.

Note: When you access Samsung apps, Galaxy Apps will be downloaded to your tablet and will display on the Apps list.

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 **EDIT**. Apps that can be uninstalled show ⊖ **Uninstall/Disable** on their icon.

3. Tap ⊖ **Uninstall/Disable** and follow the prompts to either uninstall or disable the app.

4. When you are finished, tap **DONE**.

View Disabled Apps

You can place disabled apps back on the Apps list, where they become active once again.

1. From a Home screen, tap ⊞ **Apps** > ⚙ **Settings** > **Applications** > **Application manager**.

2. Swipe to the DISABLED screen. (This screen will only appear if you have disabled apps.)

3. Tap the app you want to enable, and tap **ENABLE**.

Organize Your Apps

The Apps icons can be organized in folders and listed alphabetically or in your own custom order.

Change the Order Apps Are Listed

1. From a Home screen, tap ⊞ **Apps**.

2. Tap **EDIT**.

3. Touch and hold an app icon to drag it to the location you want.

4. Tap **DONE** when finished.

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 tablet.

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

Google Now works in the background to collect information you regularly look up and organize it 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. For more information, see Location.

Photos

This application automatically backs 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

With Google Play Music, you can 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.

T-Mobile Applications

Enjoy these applications from T-Mobile.

Note: Certain applications require a data plan or paid subscription. Visit t-mobile.com to learn more, or contact your service provider for additional information.

Connect Me

This is a shortcut to T-Mobile data service.

Mobile HotSpot

This application is a shortcut to Mobile HotSpot settings. For more information, see Mobile HotSpot.

T-Mobile My Account

This application provides you online access to your account, where you can view current activity, billing information, service plans, downloads, and more.

Microsoft Applications

These Microsoft applications are also preloaded on your device.

Excel

The Excel app provides a core experience for viewing, creating and editing documents on tablets with a screen size of 10.1 inches or smaller. You can unlock the full Excel experience with an Office 365 subscription.

OneDrive

OneDrive gives you free online storage for all your personal files so you can get to them from your Android device, computer, and any other devices you use.

OneNote

You can stay organized using text, pictures, or audio notes. Create Quick Notes or review and edit shared OneNote notebooks using OneDrive.

PowerPoint

The PowerPoint app provides a core experience for viewing, creating and editing documents on tablets with a screen size of 10.1 inches or smaller. You can unlock the full PowerPoint experience with an Office 365 subscription.

Skype

Use free Skype to hold video and voice calls, as well as send instant messages to anyone around the world. Just open the app and start using it.

Word

The Microsoft Word app provides a core experience for viewing, creating and editing docs on tablets with a screen size of 10.1 inches or smaller. You can unlock the full Word experience with an Office 365 subscription.

Other Applications

There are also other apps, including several Samsung apps, preloaded on your device.

Amazon

Shop at Amazon.com from your device.

Help

This app is a shortcut to Help settings. For more information, see Help.

Lookout

Lookout Mobile Security provides key security options, such as anti-virus and anti-malware technology, a lost and stolen device locater service, an application privacy adviser, and a backup service.

Milk Music

Exclusive to Galaxy owners, Milk Music is a radio service that gives you more of the music you love, curated by top DJs and industry pros and all for free.

Samsung+

Gain all the benefits of owning a Samsung Galaxy device and to get any guidance and support you need along the way.

SideSync 3.0

SideSync is a PC-Mobile solution that enables the screens, windows, and data to be shared easily between a PC and Samsung Android Device.

Smart Manager

This apps provides shortcuts to your Battery, RAM, Storage, and Device security information.

Calculator

The Calculator provides basic and advanced arithmetic functions.

Basic Operation

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

To clear the results:

▶ Tap C **Clear**.

To clear the calculator history:

▶ Tap **CLEAR HISTORY**.

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

▶ Touch and hold an entry in the display field.

Scientific Calculator

The device also provides advanced arithmetic functions, such as *sin*, *cos*, and *tan*.

Calendar

Manage your calendar events and tasks.

Create an Event

1. From a Home screen, tap ⦂⦂⦂ **Apps** >
   🔲 **Calendar**.

2. Tap ➕ **Add** to add an event.

3. Enter details for the event, and then tap **SAVE**.

Delete an Event

1. From a Home screen, tap ⦂⦂⦂ **Apps** >
   🔲 **Calendar**.

2. Tap an event to view it, and then tap **DELETE**, and then confirm by tapping **DELETE**.

Share an Event

1. From a Home screen, tap ⦂⦂⦂ **Apps** >
   🔲 **Calendar**.

2. Tap an event to view it.

3. Tap **SHARE** and tap a sharing format.

4. In the Share as window, tap a sharing method and follow the prompts.

Create a Task

Tasks are items you add to the calendar to be accomplished on a certain day. A task appears as a checklist item and is removed once you mark the task as complete.

1. From a Home screen, tap ⦂⦂⦂ **Apps** >
   🔲 **Calendar**.

2. Tap **TASKS**.

3. Tap the **Enter new task** field to enter a new task.

4. You can choose to set the task for **TODAY**, **TOMORROW**, or tap the ⬈ **Expand** icon to view and set the following options:

   - **Due date**: Tap the **ON/OFF** switch to select a date on the calendar for the task.

   - **Reminder**: Tap to set a reminder alert.

   - **Notes**: Tap to save a note with your task.

   - **Priority**: Tap to assign a priority to the task.

5. Tap **SAVE** to save the task.

Delete a Task

1. From a Home screen, tap ⦂⦂⦂ **Apps** >
   🔲 **Calendar**.

2. Tap **TASKS**.

3. Tap the checkbox by the task to mark it as complete and remove it from the calendar.

4. To delete the task permanently, tap the task to open it, and then tap **DELETE**.

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** > **Settings**.

3. Tap an option and follow the prompts.

Camera

Take pictures and record videos with the Camera app.

Effect —

Timer —

Picture size —

Camera settings —

Auto

— Gallery

— Record video

— Take a picture

— Switch cameras

MODE — Shooting modes
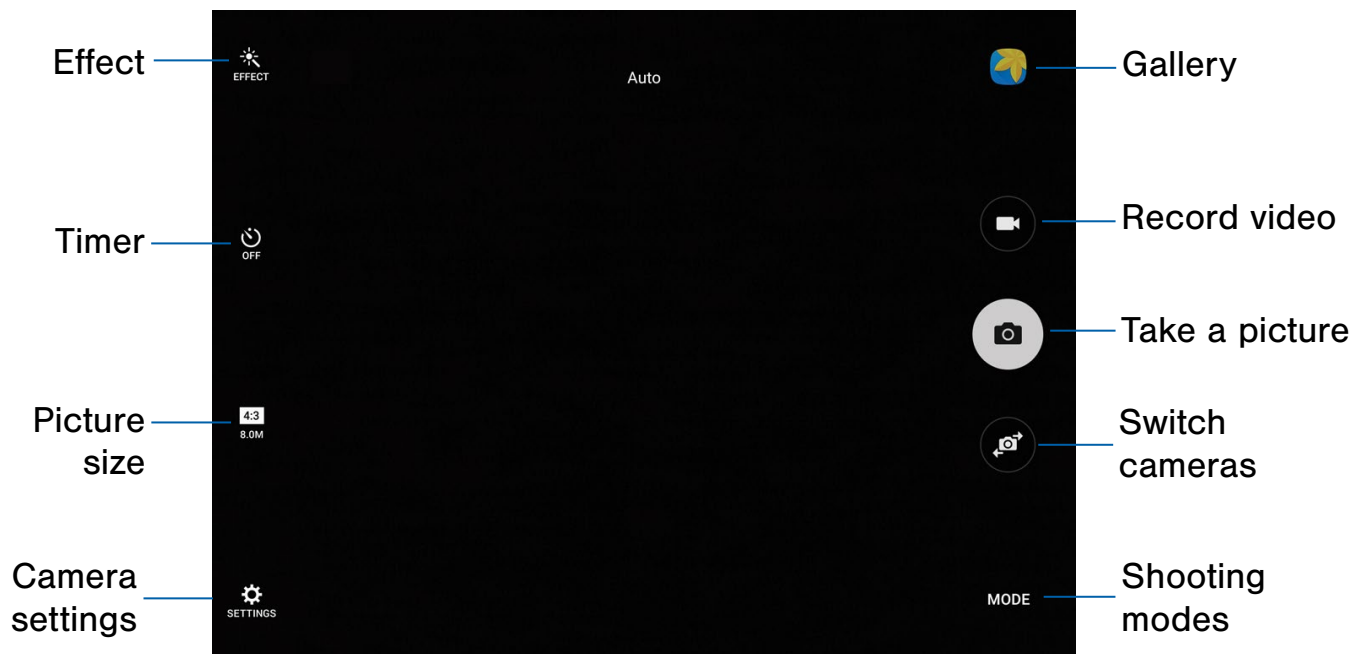
- **Camera settings**: Tap to change camera settings.

- **Effect**: Tap to add an effect before taking a photo or video.

- **Gallery**: Tap to open the Gallery to view photos and videos.

- **Picture size**: Tap to change the picture size (resolution and screen ratio).

- **Record video**: Tap to record a video.

- **Shooting modes**: Tap to change the shooting mode.

- **Switch cameras**: Tap to switch between the rear and front cameras.

- **Take a picture**: Tap to take a picture.

- **Timer**: Tap to set the camera timer.

Take Pictures

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

Take pictures with your device's front or back camera, or combine shots with Dual mode.

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 touched.

3. If desired, before taking the photo, you can touch onscreen 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 ⓞ to take the picture.

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

Shooting Mode

Several visual effects are available. Modes differ by which camera is active (front or rear facing).

1. From a Home screen, tap ⊞ **Apps** > 🎥 **Camera**.

2. Tap **MODE** to view the following options. Each section indicates which camera (front or rear) the modes are available for.

   Both cameras

   - **Virtual shot**: Create multi-directional views of objects.

   - **Download**: Download additional shooting modes from the Galaxy Apps store.

   Rear camera

   - **Auto**: Allow the camera to evaluate the surroundings and determine the ideal mode for the picture.

   - **Pro**: Manually adjust the ISO sensitivity, exposure value, white balance, and color tone while taking pictures.

   - **Panorama**: Create a linear image by taking pictures in either a horizontal or vertical direction.

   - **HDR (Rich tone)**: Save the picture in HDR (rich tone) only.

   - **Shot & more**: Use various functions with your burst shots after you take them, such as best photo, best face, drama, eraser, and panning shot.

   - **Dual camera**: Take pictures and record videos in a variety of styles using the front and rear cameras at the same time.

Front camera

- **Selfie**: Take selfie shots and apply various effects, such as an airbrushed effect.

- **Interval shot**: Select the best pictures from a series of continuous shots taken at set intervals.

Camera Settings

1. From a Home screen, tap ⊞ **Apps** > 🎥 **Camera**.

2. Some 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:

   - **EFFECT**: Add special graphical effects.

   - **Timer**: Take time-delayed pictures or videos.

   - **Beauty**: Take a picture with lightened faces for gentler images (front camera only).

   - **Picture size**: Select a resolution. Use higher resolution for higher quality. Higher resolution pictures take up more memory.

3. Tap ⚙ **Settings** to configure settings for Camera. Available options vary depending on the camera/recording mode used.

   Both cameras

   - **Video size**: Select a resolution. Use higher resolution for higher quality. Higher resolution videos take up more memory.

   - **View mode**: Choose between standard and full screen view mode.

   - **Grid lines**: Display viewfinder grid lines to help composition when selecting subjects.

   - **Location tags**: Attach a GPS location tag to the picture.

   - **Review pictures**: Set to show pictures after taking them.

   - **Storage location**: Choose to store your photos to your device, or optional memory card.

   - **Volume keys function**: Use the Volume key as the camera key, the record key, or as a zoom key.

- **Shutter sound**: Enable or disable a shutter sound when pictures are taken.

- **Reset settings**: Reset the camera settings.

- **Help**: Learn more about camera settings.

Rear camera

- **Video stabilization**: Activate anti-shake. Anti-shake helps to keep the focus steady when the camera is moving.

Front camera

- **Gesture control**: Detect palm and automatically take a picture two seconds later.

- **Save pictures as previewed**: Save the self-portrait or self-recording as previewed.

Clock

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

1. From a Home screen, tap ⊞ **Apps** > ⊢ **Clock**.

2. Tap a tab to use a feature:

   - **ALARM**: Set an alarm to ring at a specific time.

   - **WORLD CLOCK**: View the time of day or night in other parts of the world. World Clock displays time in hundreds of different cities, within all 24 time zones around the world.

   - **STOPWATCH**: Measure intervals of time.

   - **TIMER**: Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).

Alarm

Set alarms by using the **ALARM** tab.

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 following items to configure an alarm:

   - **Date**: Choose the day for this alarm.

   - **Time**: Set a time for the alarm.

   - **Repeat weekly**: Choose when to repeat the alarm, if so desired.

   - **KEYPAD**: Enter a time using a numeric keypad.

- **OPTIONS**: Tap to view and set the following options:

  - **Alarm type**: Choose whether the alarm will use sound, vibration, or vibration and sound to alert you.

  - **Volume**: If you have chosen an alarm type that includes sound, drag the slider to set the volume of the alarm.

  - **Alarm tone**: If you have chosen an alarm type that includes sound, choose a sound to play for the alarm.

  - **Snooze**: Allow snoozing and set interval and repeat values for the alarm while snoozing.

  - **Increasing volume**: When on, the alarm will start 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.

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

3. Tap **SAVE** to save the alarm.

Delete an Alarm

1. From a Home screen, tap ⊞ **Apps** > ⊢ **Clock**.

2. Find the alarm in the alarm list (under the **Alarm** tab), and then tap ✕ **Delete** in the upper right corner of the alarm entry.

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. Touch and rotate the globe and tap a city.

2. Tap ＋ **Add city** on the city pop-up.

3. Repeat to add more cities.

Tip: Tap **Search cities** and use the keyboard to type a city name. Tap an entry to add the city to your list.

To remove a city from the main World Clock screen:

▶ Tap ✕ **Delete** in the upper right corner of the city thumbnail.

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. To set the length of the timer, either tap the digits or tap **KEYPAD** to use a numeric keypad.

4. Tap **START** to begin the timer.

5. Tap either **PAUSE** or **CANCEL** to stop the timer.

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.

Manage Contacts

Access your list of contacts by using the Contacts app. 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 then enter characters to find contacts that match.

   – or –

   Tap a letter on the side of the list to jump directly to that letter in the alphabetical list. You can also press and slide across the alphabetical list to select a letter with better precision.

Add a Contact

Use the following procedure to add a new contact.

1. From a Home screen, tap ▦ **Apps** > 👤 **Contacts**.

2. Tap ⊕ **Add**, and then tap contact fields to enter information.

   • Choose a storage account for the contact. You can store the contact on the device, SIM card, or sync it with an account.

   • Tap 📷 **Contact photo** to assign a picture to the new contact.

   • Enter a name, phone number, email address, and assign the contact to a group.

     – Tap ➕ **Add** to enter additional entries.

     – Tap ➖ **Remove** 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, **Home** or **Work**).

   • Tap **ADD ANOTHER FIELD** to add additional contact information.

3. 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 a Contact

When you share a contact, 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** > **Share contact**.

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 **LINK**.

Unlink Contacts

1. From a Home screen, tap ⊞ **Apps** > 👤 **Contacts**.

2. Tap the contact to display it.

3. Tap 🔗 **Link**.

4. Tap ▬ **Remove** beside contacts to unlink them from the main contact.

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 contacts, or tap the checkbox at the top of the screen to select all.

3. Tap **DELETE**.

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, and then tap ☆ **Favorite** (the star turns bright ⭐).

Remove Contacts from Favorites

1. From a Home screen, tap ⊞ **Apps** > 👤 **Contacts**.

2. Tap a contact to display it, and then tap ⭐ **Favorite** (the star turns dim ☆).

Groups

You can use groups to organize your contacts. Your device 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

1. From a Home screen, tap ⊞ **Apps** > 👤 **Contacts**.

2. Tap **GROUPS**, and then tap **ADD** (next to the Groups heading).

3. Tap fields to enter information about the group:

   - Tap **Create group in** to choose where to save the group. You can save it to a specific account, to the device memory, or to all accounts. Tap the entries to select or deselect them.

   - Tap **Group name** to enter a name for the new group.

   - Tap **Add member** and select contacts to add to the new group, and then tap **DONE**.

4. Tap **SAVE**.

Rename a Group

1. From a Home screen, tap ⊞ **Apps** > 👤 **Contacts**.

2. Tap **GROUPS**, and then tap a group.

3. Tap **MORE** > **Edit group** and enter a new name.

4. Tap **SAVE**.

Add 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 an Email to a Group

You can send 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** > **Send email**.

4. Tap contacts to select them, or tap the checkbox at the top of the screen to select all, and then tap **DONE**. You will only see group members that have an email address in their records.

5. 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 **DELETE**.

4. Tap the group category to open.

5. Tap the groups to select them or tap the checkbox at the top of the screen to select all

6. Tap **DELETE**.

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** > **Settings**.

3. Tap an option and follow the onscreen instructions.

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 onscreen instructions to set up your email account.

    – or –

    For additional accounts, tap **MORE** > **Settings** > ➕ **Add account**.

The device communicates with the appropriate server to set up your account and synchronize your email. When complete, your email appears in the Inbox for the account.

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

View Your 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 the drop down menu at the top left of the screen to view the current account mailbox.

3. Tap on the account name to view:

    • **Combined inbox**: View all email in a combined inbox.

    • [**Account Name**]: View email for only one email account.

Manage Your Inbox

There are several tools available from the Inbox screen.

► From a Home screen, tap ⊞ **Apps** > @ **Email**.

    • Tap a message to read and reply or forward it.

    • Tap **SEARCH** to search for key words in your email inbox.

    • Tap **MORE** for additional message options like sorting, deleting, sharing and more.

Create and Send an Email

This section describes how to create and send an email using the Email app.

1. From a Home screen, tap ⊞ **Apps** > @ **Email** > ✎ **Compose**.

2. Tap the **To** field to manually add an email address, or tap 👤 **Add Recipient** to select a recipient from Contacts or Groups.

   - If manually entering recipients, enter additional recipients by separating each entry with a semicolon (;). More recipients can be added at any time before the message is sent.

   - If adding a recipient from your Contacts, tap the contact to place a check mark then tap **DONE**. The contact will be placed in the recipients field.

   - Tap ⌄ **More** to add Cc and Bcc fields.

3. Tap the **Subject** and **Message** fields and use the keypad to enter text.

   - Tap **ATTACH** to add Files, Images, Audio, and more to your email.

   - Tap **MORE** for additional email options.

4. Review your message and tap **SEND**.

Delete Email Accounts

To delete an Email account:

1. From a Home screen, tap ⊞ **Apps** > @ **Email**.

2. Tap **MORE** > **Settings**.

3. Tap the account you want to remove.

4. Tap **REMOVE**. Confirm by tapping **REMOVE** on the prompt.

Email Settings

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

1. From a Home screen, tap ⊞ **Apps** > @ **Email**.

2. Tap **MORE** > **Settings**.

3. Tap an option and follow the onscreen instructions.

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**.

Note: A Samsung account is required to purchase and download apps.

Gallery

View, edit, and manage pictures and videos.

Note: Some functions described in this section are only available if there are images or videos in the Gallery.

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 the drop down menu in the upper left corner, and then tap an option to choose the way items display.

   ● In Albums view, you can create albums to organize your images. On the drop down menu, tap **Albums**, and then tap **MORE** > **Create album**.

3. Depending on the view mode selected, either tap an image or video to view it, or first tap an album or folder and then tap an image or video.

4. When viewing an image or video, you can scroll 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

1. From a Home screen, tap ⊞ **Apps** > 🖼 **Gallery**.

2. Tap a folder or category to open it.

3. Tap a video to view it.

4. Tap the Play icon to play the video.

Trim Segments of a Video

1. Select a video, and then tap the screen once to see the video options.

2. Tap 🖉 **Editor**, and then tap ✂ **Trim**.

3. Use the sliders at the bottom of the screen to trim the video. Move the start bracket to the desired starting point, move the end bracket to the desired ending point.

4. Tap **EXPORT** to save the video. Modify the File name or Resolution, and then tap **EXPORT** to confirm the changes.

Edit Images

1. While viewing an image, tap the screen once to see the image options.

2. Tap 🖉 **Edit** to view and use the editing tools.

Delete Images

1. From a Home screen, tap ⊞ **Apps** > 🖼 **Gallery**.

2. Tap a folder or category to open it.

3. Tap **MORE** > **Edit**.

4. Tap images to select them.

5. Tap **DELETE**.

Share Images

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** > **Share**.

4. Tap images to select them, and then tap **SHARE**.

5. Tap a sharing service and follow the prompts to send the image or images.

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 on the browser window:

- ⟨ **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.

- ↻ **Refresh** to refresh or reload the current Web page.

View a Web Site

To view a web site:

► Tap the address field, enter the web address, and then tap **Go** on the keyboard.

Browser Tabs

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

To open a new tab:

► Tap ╋ **Add tab.**

To close a tab:

► Tap ✕ **Close tab**.

Bookmarks

To bookmark the current web page:

1. Tap **BOOKMARKS** > **ADD**.

2. Type a title for the bookmark and tap **SAVE**.

To open a bookmarked web page:

► Tap **BOOKMARKS**, then 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**.

Share Pages

To share a web page address with others:

► Tap **MORE** > **Share** and follow the prompts.

Secret Mode

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

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

To open a new secret tab:

► Tap **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**.

2. Tap **MORE** > **Settings**.

3. Tap an option and follow the onscreen instructions.

Memo

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

Compose a Memo

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**.

   - To add tasks, tap ☑ **Tasks**.

3. When finished creating your memo, tap **SAVE**.

Manage Memos

- Tap a memo entry to open it.

   - To edit a memo, tap the content of the memo.

- To delete memos, tap **MORE** > **Edit**, select memos, and tap **DELETE**.

- To send a memo to others, tap **MORE** > **Share**, select a memo, and then select a method to share the memo.

Browse Memos

1. From a Home screen, tap ▦ **Apps** > ▦ **Memo**.

2. Browse memo entries by scrolling up or down.

3. To search for a memo, tap **SEARCH**.

Memo Options

► While browsing memos, tap **MORE** for the following options:

   - **Edit**: Select notes to delete or move.

   - **Share**: Share memos.

   - **Manage categories**: Create and manage categories to organize your memos.

Messages

Learn how to send and receive different messages using the default messaging app on your device.

Types of Messages

Your Messages 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 devices 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 devices 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** > ☑ **Compose**.

2. Tap the **Enter recipients** field to manually enter a recipient or tap 👤 **Add Recipient** to select a recipient from your Contacts or Groups.

   - If manually entering recipients, enter additional recipients by separating each entry with a semicolon (;). More recipients can be added at any time before the message is sent.

   - If adding a recipient from your Contacts, tap the contact to place a check mark then tap **DONE**. The contact will be placed in the recipients field.

3. Tap the **Enter message** field and use the onscreen keypad to enter a message.

   - Tap 📎 **Attach** to add images, videos, memos, calendar events, and more to your message.

   - Tap ☺ **Add emoji** to choose an available emoji from an onscreen list and then add it into your message (at the cursor location) if desired.

4. Review your message and tap SEND **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 appears on the Status bar.

To view the message:

1. Open the Notification panel and select the message.

   – 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, swipe up or down the page.

Delete Messages

To delete messages, follow these steps:

1. From a Home screen, tap ⊞ **Apps** > ✉ **Messages**.

2. Tap **MORE** > **Edit**.

3. Tap each message you want to delete or tap the **All** checkbox.

4. Tap **DELETE**.

Message Search

You can search through your messages by using the Message Search feature.

1. From a Home screen, tap ⊞ **Apps** > ✉ **Messages**.

2. Tap **SEARCH**.

3. 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.

► From a Home screen, tap ⊞ **Apps** > ✉ **Messages** > **MORE** > **Settings**.

Music Player

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

Song queue

Options

Sound quality and effects

Playback position

Favorite

Time elapsed

Volume

Song length
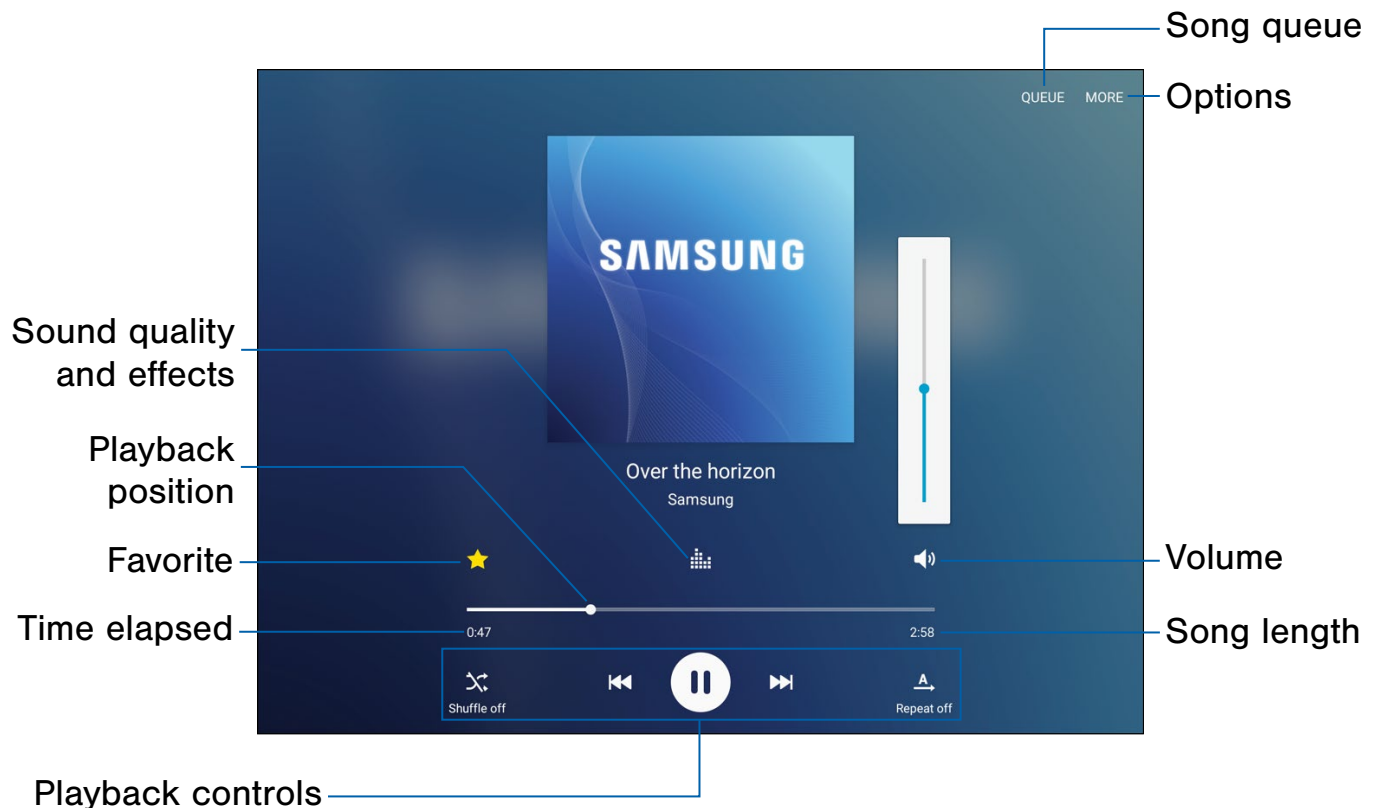
Playback controls

- **Favorite**: Tap to tag this song as a favorite.

- **Options**: Tap to view more options.

- **Playback controls**: Tap the icons to change shuffle or repeat modes, fast-forward or rewind, or play or pause the current song.

- **Playback position**: Drag to skip to another part of the current song.

- **Song length**: The length of the song.

- **Song queue**: Tap to view the current song list being played.

- **Sound quality and effects**: Tap to configure sound quality and sound effects options.

- **Time elapsed**: The time elapsed for the current song.

- **Volume**: Tap to adjust the volume.

Listen to Music

1. From a Home screen, tap ⬛ **Apps** > 🎵 **Music.**

2. Tap a library category at the top of the screen to view your music files.

3. Scroll through the list of songs and tap an entry 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 **Repeat off** to play all songs once. Choose **Repeat all** to repeat all songs. Choose **Repeat 1** 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 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 tablet.

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

My Files

Access files stored on your tablet, 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 accessed files.

● **Category**: Files are grouped into the following categories:

  ● 🖼 **Images**: View image files.

  ● ▶ **Videos**: View video files.

  ● 🎵 **Audio**: View audio files.

  ● 📄 **Documents**: View document files.

  ● 🔲 **Download history**: View all apps and files that have been downloaded to the device.

● **Local storage**: View folders and files in their storage locations.

  ● 🟧 **Device storage**: View folders and files located on the device.

  ● 🟧 **SD card**: View folders and files located on a memory card (not included).

● **Cloud storage**: Contains shortcuts to FTP servers or other cloud storage locations that you have added.

  ● 🔺 **Google Drive**: Sign in to view folders and files located in your Google Drive account.

● **STORAGE USAGE**: Tap to view memory information for your phone.

View Files in My Files

1. From a Home screen, tap ▦ **Apps** > 🟡 **My Files**.

2. Tap a 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:

● **SEARCH**: Search for a file or folder.

● **MORE**: Tap for the following option:

  – **Show/Conceal hidden files**: Show or conceal hidden files.

Note: If a file has been opened, the **Recent files** category appears, and other options become available under **MORE**.

Category Options

After tapping a category, the following options are available:

● **SEARCH**: Search for a file or folder.

● **VIEW AS**: Change the appearance of the files or folders.

● **MORE**: Tap for the following options:

  – **Edit**: Select files or folders.

  – **Share**: Send files to others or share them.

  – **Sort by**: Change the sort order of the files.

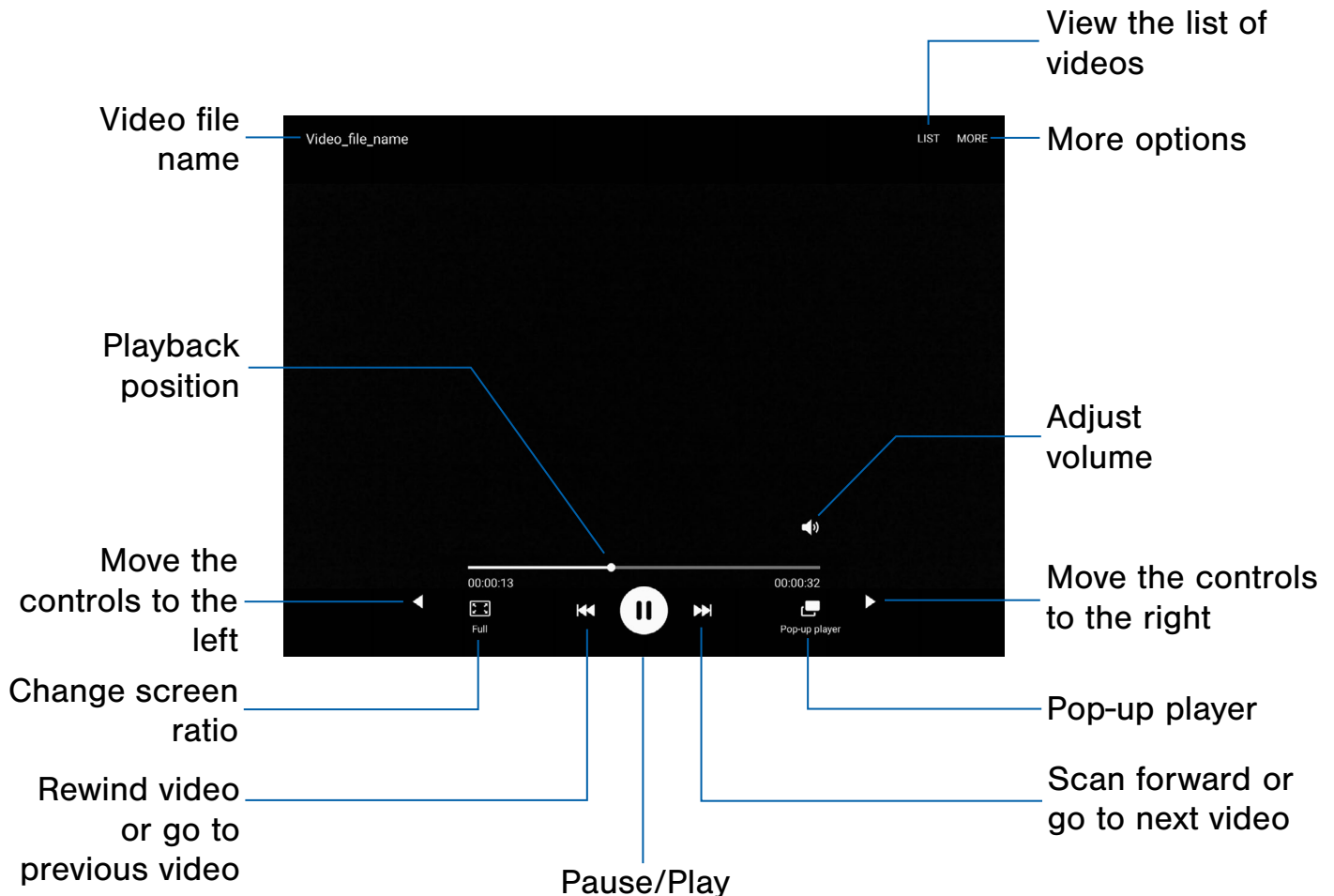 – **Show/Conceal hidden files**: Show or conceal hidden files.

Options for Selected Files and Folders

1. From a Home screen, tap ⠿ **Apps** >
   🗂 **My Files**.

2. Tap a category option, and tap **MORE** > **Edit**.

3. Select a file or folder, and then use one of these functions:

   - **DELETE**: Delete files or folders.

   - **MOVE**: Move files or folders to another folder.

   - **MORE**: Select one of the following options:

     – **Copy**: Copy files or folders to another folder

     – **Rename**: Rename a file or folder. This option only appears when just one file or folder is selected.

     – **Add shortcut on Home screen**: Add a shortcut on the Home screen.

     – **Compress**: Create a zip folder containing the selected files. This option only appears in Local Storage categories.

     – **Details**: View details of the selected files or folders.

Video Player

Play and manage videos stored on your device.

View the list of videos

More options

Video file name

Video_file_name   LIST   MORE

Playback position

Adjust volume

Move the controls to the left

00:00:13   00:00:32
Full   Pop-up player

Move the controls to the right

Change screen ratio

Pop-up player

Rewind video or go to previous video

Scan forward or go to next video

Pause/Play

- **Fast-forward**: Tap to skip to the next video. Touch and hold to fast-forward the current video.

- **File name**: The name of the video file.

- **More options**: Tap to view more options.

- **Move controls**: Tap to move the Video player controls to the right or to the left (landscape orientation only).

- **Pause** or **Play**: Tap to pause or play the current video.

- **Playback position**: Drag to skip to another part of the video.

- **Pop-up player**: Tap to open the video in the pop-up player window.

- **Rewind**: Tap to restart the video or skip to a previous video. Touch and hold to rewind the video.

- **Screen ratio**: Change the screen ratio.

- **Video length**: The total length of the video.

- **Video list**: See the current video playlist.

- **Volume**: Adjust the volume.

Access the Video Player

1. From a Home screen, tap ⬛ **Apps** > ▶ **Video**.

2. Scroll through the videos stored on your device. After a few seconds, each video thumbnail begins playing a preview of the clip.

3. Tap a video to view it.

Use Pop-Up Player

Multitask with Pop-up player by transforming your video player into a pop-up window. The video will continue to play, and the pop-up window can be resized or moved anywhere on the screen.

1. From a Home screen, tap ⬛ **Apps** > ▶ **Video**.

2. Tap a video to view it.

3. Tap ⬚ **Pop-up player** to continue playing the video in a floating window.

    - Drag the window to any location on the screen.

    - Use two fingers to pinch or spread to resize the floating window.

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**: The entire screen is used, which may cause some minor distortion.

    - ⬚ **Fit to screen**: The video is played in its original size.

    - ⛶ **Keep ratio**: The video is enlarged to fit the screen without becoming distorted.

Settings

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

- Some options use an **ON/OFF** button to turn the option on (ON) or off (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 ✓ checkbox. When enabled, a check mark displays. Tap the check mark to remove it and disable the option.

How to Use Settings

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**.

Search for Settings

If you are not sure exactly where to find a certain
setting, you can use the Search feature.

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

2. Tap **SEARCH**.

 • Enter a word or words in the Search field. As
you type, settings that match will appear on
the screen.

 • Tap an entry to go to that setting.

Wi-Fi Settings

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).

Wi-Fi Direct creates a direct connection between two or more devices using Wi-Fi.

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.

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).

Scan and 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. When Wi-Fi is turned on, your device will automatically scan for available networks and display them.

3. 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

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

2. Tap **Wi-Fi**, and then tap **ON/OFF** to turn Wi-Fi on.

3. Tap **MORE** > **Add network**.

4. Enter information about the Wi-Fi network:

   - Tap **Enter network name** to enter the name of the Wi-Fi network.

   - Tap the **Security** field and select a security option and enter your password.

   - Tap **Show advanced options** if you need to add advanced options such as IP settings and Proxy settings.

5. Tap **CONNECT** to store the new information and connect to your target WAP.

Wi-Fi Options

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 **MORE** for options:

   - **Add network**: Manually add a Wi-Fi network.

   - **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).

   - **Smart network switch**: Tap to enable this feature, which automatically switches to a mobile network if the Wi-Fi connection becomes unstable.

   - **Advanced**:

     - **Network notification**: Receive a notification when new Wireless Access Points (WAPs) are available.

     - **Passpoint**: Connect to passpoint-enabled Wi-Fi Access Points automatically.

     - **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 network 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).

   - **Help**: Learn about setting up and using Wi-Fi networks, and other settings.

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 **Wi-Fi Direct**. Your device automatically scans for nearby Wi-Fi Direct devices.

4. After scanning for devices, select a device, and then follow the prompts to complete the 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.

Bluetooth Status Indicator

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

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 on Bluetooth.

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 will 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 on Bluetooth.

3. 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.

4. Tap **SCAN**. Your device will start to scan for Bluetooth devices within range.

5. When you see the name of the target device displayed in the Bluetooth devices section, tap the name. 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.

Delete a Paired Device (Unpair)

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

1. Verify your Bluetooth is active.

2. From the Bluetooth settings page, tap ⚙ **Settings** next to the previously paired device, and then tap **Unpair** to delete the paired device.

Airplane Mode

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

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

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

2. Tap **Airplane mode**, and then tap **ON/OFF** 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**.

Mobile HotSpot and Tethering

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

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

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** > **Mobile HotSpot and Tethering**.

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** > **Mobile HotSpot and Tethering**.

2. Tap **Mobile HotSpot**, and tap **ON/OFF** to enable.

3. Activate Wi-Fi on the target device.

4. Scan for Wi-Fi hotspots and select the target device from the list.

5. On the target device, enter your device's Mobile HotSpot password.

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 will use the Mobile HotSpot data service. Roaming while using your device as a Mobile HotSpot will incur extra data charges.

1. From a Home screen, tap ⊞ **Apps** > ⚙ **Settings** > **Mobile HotSpot and Tethering**.

2. Tap **Mobile HotSpot**, and tap **ON/OFF** to enable.

3. Tap **MORE** > **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 Portable HotSpot Password

1. From a Home screen, tap ⊞ **Apps** > ◉ **Settings** > **Mobile HotSpot and Tethering**.

2. Tap **Mobile HotSpot**, and tap **ON/OFF** to enable.

3. Tap **MORE** > **Configure Mobile 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 connecting settings.

1. From a Home screen, tap ⊞ **Apps** > ◉ **Settings** > **Mobile HotSpot and Tethering**.

2. Tap **Mobile HotSpot**, and tap **ON/OFF** to enable.

3. Tap **MORE** > **Configure Mobile HotSpot**:

   - **Network name**: View and change the name of your Mobile Hotspot.

   - **Broadcast network name (SSID)** : Make your Mobile Hotspot visible to other Wi-Fi devices during a scan. Other devices can still connect to your Mobile Hotspot, but will have to set up the connection manually with your Network SSID and Password.

   - **Security**: Choose the security level for your Mobile Hotspot.

Note: Scroll down to view all options.

   - **Password**: If you choose a security level that uses a password, enter the password.

   - **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

1. From a Home screen, tap ⊞ **Apps** > ◉ **Settings** > **Mobile HotSpot and Tethering**.

2. Tap **ON/OFF** to choose a tethering method:

   - **USB tethering**: Connect the computer to the device using the USB cable, and then tap **USB tethering** to turn tethering on.

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**: Your mobile data connection will be turned off when the specified limit is reached.

    - **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.

    - **By application**: View data usage by application.

2. Tap **MORE** for the following 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.

    - **Restrict networks**: 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.

Mobile Networks

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

▶ From a Home screen, tap ⊞ **Apps** > ⚙ **Settings** > **Mobile networks** for options:

- **Data roaming**: Allow your device to connect to data services while roaming. Significantly higher charges may result.

- **Access Point Names**: Add and edit APNs.

- **Network mode**: Choose a preferred network mode.

- **Network operators**: Search, select and setup available networks.

More Connection Settings

This option displays additional connectivity information.

Printing

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

1. From a Home screen, tap ⊞ **Apps** > ⚙ **Settings** > **More connection settings.**

2. Tap **Printing**.

3. Tap a print service and follow the prompts.

Note: Tap **Download plug-in** to install additional print service drivers.

Virtual Private Networks (VPN)

Set up and manage your Virtual Private Networks (VPNs).

Note: You must set a screen lock PIN or password before setting up a VPN. For more information, see Lock Screen and Security.

Add a VPN

1. From a Home screen, tap ⊞ **Apps** > ⚙ **Settings** > **More connection settings**.

2. Tap **VPN**.

3. Tap **ADD VPN** and follow the prompts to set up your VPN.

Connect to a VPN

1. From a Home screen, tap ⊞ **Apps** > ⚙ **Settings** > **More connection settings**.

2. Tap **VPN**.

3. Tap the VPN, enter your log in information, and tap **CONNECT**.

Edit or Delete a VPN

1. From a Home screen, tap ⊞ **Apps** > ⚙ **Settings** > **More connection settings**.

2. Tap **VPN**.

3. Touch and hold the VPN that you want to edit or delete.

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 connection settings**.

2. Tap **Default messaging app** to select a default.

Ethernet

Manage your Ethernet connections.

1. From a Home screen, tap ⊞ **Apps** > ⚙ **Settings** > **More connection settings**.

2. Tap **Ethernet** and follow the prompts to connect to an Ethernet network.

Sounds and Notifications

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

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**: Your device uses the sounds, vibrations, and volume levels you have chosen in Sound settings for notifications and alerts.

   - **Vibrate**: Your device vibrates for notifications and alerts. This uses the Vibration intensity you choose in Sound settings.

   - **Mute**: Your device mutes all sounds and notifications.

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**.

3. Drag the sliders to set the default volume for:

   - Notifications

   - Media

   - System

Sounds

Default Notification Sound

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** > **Sounds** > **Default notification sound**.

3. Tap a sound to hear a preview. Tap **OK** to select it.

Set Notification Sounds for Samsung Applications

Choose notification alerts for new messages, calendar events, and email.

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

2. Tap **Sounds and notification** > **Sounds**, and tap to configure each option:

   - **Messages notifications**: Configure message notifications.

   - **Calendar notifications**: Configure event notifications.

   - **Email notifications**: Configure email account notifications.

System Sounds

Set various other system sound options.

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

2. Tap **Sounds and notification** > **Sounds**, and tap to enable each option:

   - **Touch sounds**: Play tones when you touch or tap the screen to make selections.

   - **Screen lock sounds**: Play a sound when you unlock the screen.

   - **Keyboard sound**: Play a sound when the Samsung keyboard is tapped.

Vibrations

Set the amount of vibration for incoming calls, notifications, and haptic feedback.

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

2. Tap **Sounds and notification** > **Vibrations**.

   - Tap **Vibration intensity** and move the sliders to change the amount.

   - Tap **ON/OFF** for each option to enable.

     - Vibration feedback

     - Keyboard vibration

Sound Quality and Effects

Choose from advanced sound options to customize your audio experience.

Sound Quality

Find the best sound setting for your preferences

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

2. Tap **Sounds and notification** > **Sound quality and effects**.

3. Tap **Adapt Sound** and follow the prompts to customize your sound settings.

Sound Effects

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

2. Tap **Sound and notification** > **Sound quality and effects**.

3. Tap **ON/OFF** to enable each option:

   - **SoundAlive+**: Recreate the effects of rich surround sound.

   - **Tube Amp**: Simulate the soft timbre of a tube amplifier.

Note: Sound effects are only available when a pair of headphones or a compatible Bluetooth headset is connected.

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** next to **Turn on now** to enable this option.

Scheduling

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 **ON/OFF** next to **Turn on now**.

4. Tap **ON/OFF** next to **Turn on as scheduled**, and set the Days, Start time, and End time.

Allow Exceptions

This option lets you customize what notifications are allowed while your tablet 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 tap **ON/OFF** to enable the exceptions you want to allow.

App Notifications

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

2. Tap **Sounds and notifications** > **App notifications**, and choose an app to enable or disable notifications.

Display Settings

Configure your display's brightness, screen timeout delay, and other display settings.

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. Under Brightness:

   - Tap **Auto** to allow the device to adjust brightness automatically.

   - To set a custom brightness level, clear the Automatic brightness check mark and drag the **Brightness** slider.

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

Font Size and Style

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

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

2. Tap **Font** to choose a font style and font size.

   - Drag the slider to adjust the font size.

   - Tap a font style to select a font, or tap **Download fonts** to find new fonts from Galaxy Apps.

3. Tap **OK** to set the font size and style.

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** > **Display**.

2. Tap **Screen timeout**, and then choose a time period.

Smart Stay

Using the front camera to detect your face, the screen will not time out as long as you are facing the screen.

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

2. Tap **Smart stay**, and tap **ON/OFF** to turn the feature on.

Screen Mode

Choose a screen mode to match your type of viewing. You can choose to have the device automatically adapt the display depending on the type of image being displayed, and other criteria such as battery level.

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

2. Tap **Screen mode**, and then choose a screen mode.

   - To have your device automatically optimize the display to match the type of image being displayed and other criteria, such as battery level, tap **Adaptive display**.

     – or –

     Choose a specific type of screen mode based on what your are viewing.

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** > **Display**.

2. Tap **Daydream**. Tap **ON/OFF** to turn Daydream on. Configure options:

   - **Colors**: Tap the selector to display a changing screen of colors.

   - **Photo Table**: Display pictures in a photo table. Tap ⚙ **Settings** for options.

   - **Photo frame**: Display pictures in a photo frame. Tap ⚙ **Settings** for options.

   - **Photos**: Display pictures from your Google account or on your device. Tap ⚙ **Settings** for options.

3. Tap **MORE** for additional options:

   - **Preview**: See a demonstration of Daydream.

   - **Select when to daydream**: Select when your tablet can go into daydream mode.

Motions and Gestures

Control certain device actions by touching the screen with the palm of your hand.

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

2. Tap **Motions and gestures**.

3. Tap **ON/OFF** to enable each of the following:

    - **Mute**: Mute sounds and video by covering the screen or turning over the device.

    - **Palm swipe to capture**: Capture an image of the screen when you sweep your hand left or right across the screen.

Applications Settings

Manage settings for applications on your tablet.

Application Manager

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

Warning: 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** > **Applications** > **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.

    The graph on the RUNNING tab shows used and free RAM.

Downloaded

Displays apps you have downloaded onto your device.

1. From a Home screen, tap ⊞ **Apps** > ⚙ **Settings** > **Applications** > **Application manager**.

2. Tap **DOWNLOADED** to view a list of all the downloaded applications on your device.

    - To switch the order of the DOWNLOADED list, tap **MORE** > **Sort by size** or **Sort by name**.

    - To reset all of your application preferences, tap **MORE** > **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.

    - **UNINSTALL/UNINSTALL UPDATES**: Delete the application from the device or uninstall updates made to apps that cannot be deleted.

    - **DISABLE**: Disable apps that cannot be deleted.

    - **Show notifications**: Tap the checkbox to enable or disable notifications from the app. Notifications display in the Status bar.

    - **MOVE TO SD CARD**: Move the application to an optional SD card.

    - **CLEAR DATA**: Clear application data from memory.

    - **CLEAR CACHE**: Clear an application's temporary memory storage.

    - **CLEAR DEFAULTS**: Clear an application's customization.

SD Card

Displays apps you have on your SD card.

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 device.

   - To switch the order of the SD CARD list, tap
     MORE > **Sort by size** or **Sort by name**.

   - To reset all of your application preferences,
     tap **MORE** > **Reset app preferences**.

   - 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.

3. Tap **SHOW CACHED PROCESSES** to display
   all the cached processes that are running. Tap
   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

View and configure disabled apps on your device.

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

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 > **Sort by size** or **Sort by name**.

   - To reset all of your application preferences,
     tap **MORE** > **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.

   - **ENABLED**: This moves the application back to
     the Apps list.

   - **Show notifications**: Tap the checkbox to
     enable or disable notifications from the app.
     Notifications display in the Status bar.

   - **MOVE TO SD CARD**: Move the application to
     an optional SD card.

   - **CLEAR DATA**: Clear application data from
     memory.

   - **CLEAR CACHE**: Clear an application's
     temporary memory storage.

   - **CLEAR DEFAULTS**: Clear an application's
     customization.

Default Applications

If you have multiple applications of the same type, such as email apps, you can select one app to be the default.

1. From a Home screen, tap ⊞ **Apps** >
   ⚙ **Settings** > **Applications** >
   Default applications.

2. Your defaults are displayed.

3. To clear defaults you have set up, tap **CLEAR**.

Application Settings

Shortcuts to the settings for various apps are available in one convenient location.

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

2. Tap one of the following to display the settings for the selected app:

   • **Calendar**

   • **Camera**

   • **Contacts**

   • **Email**

   • **Internet**

   • **Messages**

   • **Music**

   • **Weather**

Users

Share this tablet with multiple people by creating User accounts.

Users have their own space, which they can customize with their own apps, wallpaper, and so on. Users can also adjust tablet settings that affect everyone, such as Wi-Fi.

Restricted profiles allow only limited access to apps and content.

Set Up User Profiles

Set up user profiles and then select one when unlocking the device to use personalized settings.

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

2. Tap **Users**.

3. Tap **Add user or profile** and follow the instructions to set up a new user or profile.

Note: You can also add a user profile from the Notification panel, 😊 **Manage Users** screen.

Delete a User or Profile

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

2. Tap **Users**.

3. Tap ⚙ **Settings** next to a User profile to edit it.

   - Tap 🗑 **Remove** to delete the user profile.

   - Tap **ON/OFF** on options to enable or disable them.

Note: Only the device owner can delete other User accounts.

Use User Profiles

To access the device with a user profile:

1. Swipe down on the Status bar to display the Notification panel.

2. Tap 😊 **Manage Users**, and then tap a profile.

Change User Account Nicknames and Photo IDs

The photo and name each user uses in their personal Contact entry (listed under ME at the top of their Contacts list) is used as their User ID and name.

To change their ID photo and name, each user can edit their personal Contact entry. For more information, see Edit a Contact.

Wallpaper Settings

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** > **Wallpaper**.

2. Tap **HOME SCREEN**, **LOCK SCREEN**, or **HOME AND LOCK SCREEN**.

3. Tap a image to preview it, and then tap **SET AS WALLPAPER**.

   • Tap **From Gallery** for additional wallpapers.

Lock Screen and Security

Secure your device and protect your data with Lock Screen and Security settings.

Set a Screen Lock

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

2. Tap **Lock screen and security** > **Screen lock type** to select a screen lock and level of security:

   - **Swipe**: Swipe the screen to unlock it. This option provides no security.

   - **Pattern**: A screen unlock pattern is a tap gesture you create and use 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.

   - **Fingerprints**: Use fingerprint recognition to unlock the screen. This option provides medium to high security.

3. If choosing a secured lock screen option, select your notification settings:

   - **Show content**

   - **Hide content**

   - **Do not show notifications**

4. Choose a screen lock option:

   - **Show information**: Show the dual clock, or information such as the weather information, on the lock screen.

   - **Unlock effect**: Set the visual effect used when unlocking the screen. (This option is available with Swipe only.)

   - **Secure lock settings**: Set your secure lock functions such as Auto lock and Lock instantly with Power key. (This option is available with secure screen locks only.)

   Note: Options vary based on the screen lock type.

Fingerprints

Use fingerprint recognition as an alternative to entering passwords in certain apps.

You can also use your fingerprint to verify your identity when logging in to your Samsung account.

Note: Fingerprint recognition uses the unique characteristics of each fingerprint to enhance the security of your device. The likelihood of the fingerprint sensor confusing even small areas of two different fingerprints is very low. **But, in rare cases the sensor may recognize a fingerprint that is similar to a registered fingerprint.**

Register a Fingerprint

You can register up to 4 fingerprints. A password will also be set up as an alternative to your fingerprint.

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

2. Tap **Lock screen and security** > **Fingerprints**.

   - To add a fingerprint, tap **Add fingerprint** and follow the instructions to register a fingerprint and password.

   - To rename a fingerprint, touch and hold the fingerprint, and then tap **RENAME**.

   - To delete a fingerprint, touch and hold the fingerprint, and then tap **REMOVE**.

Change Backup Password

You can change the backup password for your fingerprint.

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

2. Tap **Lock screen and security** > **Fingerprints**.

3. Tap **Change backup password** and enter a new password.

Fingerprint Verification

Fingerprint verification can be used for other accounts accessed from your tablet.

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

2. Tap **Lock screen and security** > **Fingerprints**.

   - **Web sign-in**: Access your online accounts using your fingerprint.

   - **Verify Samsung account**: Verify your identity using your fingerprint when logging in to your Samsung account.

Device Security

Configure security for your tablet.

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

2. Tap **Lock screen and security** > **Device security**.

3. Tap **Install My KNOX** to activate **KNOX active protection** on your device.

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.

► To access your device remotely, visit findmymobile.samsung.com.

Note: You must sign up for a Samsung account and enable Google location service to use Find My Mobile.

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

2. Tap **Lock screen and security** > **Find My Mobile**.

3. Enter your Samsung account password, or if you are not logged in to your Samsung account, tap **Add account** and follow the prompts.

4. The following options are available:

   - **Remote controls**: Tap to activate or deactivate Remote controls, which allows you to access your device remotely.

   - **Google location service**: Tap to activate or deactivate Google location service. This service must be on in order to find your tablet.

Unknown Sources

Enable installation of non-Google Play applications.

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

2. Tap **Lock screen and security** >
   Unknown sources to enable this option.

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

Other Security Settings

Encrypt Device

Require a numeric PIN or password to decrypt your device each time you power it on.

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

2. Tap **Lock screen and security** > **Other security settings** > **Encrypt device,** and follow the prompts to encrypt all data on your device.

Encrypt External SD Card

Require a numeric PIN or password to decrypt your SD card.

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

2. Tap **Lock screen and security** > **Other security settings** > **Encrypt external SD card,** and follow the prompts to encrypt all data on your SD card.

Set Up SIM Card Lock

Require both your SIM card PIN and your ordinary screen lock type when unlocking the device.

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

2. Tap **Lock screen and security** > **Other security settings** > **Set up SIM card lock** and follow the prompts.

   ● To change your SIM card PIN, tap **Change SIM card PIN**.

Make Passwords Visible

Display password characters briefly as you type them.

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

2. Tap **Lock screen and security** > **Other security settings** > **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 **Lock screen and security** > **Other security settings** for the following 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.

Device Administration

Manage your device administrators and application installation privileges.

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

2. Tap **Lock screen and security** > **Other security settings** > **Device administrators**.

3. Tap **Android Device Manager** to allow it to lock or erase a lost device.

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 **Lock screen and security** > **Other security settings** for the following Credential storage options:

   - **Storage type**: Select a storage location for credential contents.

   - **View security certificates**: 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 Security Settings

Use these options to configure advanced security settings.

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

2. Tap **Lock screen and security** > **Other security settings** for the following Advanced options:

   - **Trust agents**: View or disable trusted agents.

   - **Pin windows**: Pin an app on your device screen, preventing access to other features of you tablet.

   - **Usage data access**: View the applications that can access your device's usage history.

   - **Notification access**: View the applications that can access notifications you receive on your tablet.

Note: To view Trust agents, set up a screen lock (pin, password, or pattern). For more information, see Set a Screen Lock.

Privacy

Choose from various modes designed to hide personal content from being accessed by anyone else using your device, or to aid you in an emergency.

Note: A secure screen lock (Pattern, PIN, Fingerprint, or Password) is required to use Private Mode.

Location

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

Locating Method

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

2. Tap **Privacy** > **Location**.

3. Tap **ON/OFF** to turn on Location services.

4. Tap **Locating method** to select how your location is determined:

   • **GPS, Wi-Fi, and mobile networks**: Use GPS, Wi-Fi, and mobile networks.

   • **Wi-Fi and mobile networks**: 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.**

2. Tap **Privacy** > **Location**.

3. Tap **ON/OFF** to turn on Location services.

4. 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.**

2. Tap **Privacy** > **Location**.

3. Tap **ON/OFF** to turn on Location services.

4. Tap **Google Location History** and sign in to your Google Account for options.

Private Mode

Hide personal content from being accessed by anyone else using your device. Private mode is only available for certain applications.

Note: A secure screen lock (Pattern, PIN, Password, or Fingerprint) is required to use Private mode.

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

2. Tap **Privacy** > **Private mode**.

3. Tap **ON/OFF** to turn Private mode on.

4. Follow the prompts to learn about and set up Private mode.

Report Diagnostic Information

This feature sends diagnostic information about your tablet when you are having technical problems.

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

2. Tap **Privacy** > **Report diagnostic info**.

3. Read the consent information and tap either **YES** or **NO THANKS**.

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:

   Vision

   - **Voice Assistant**: Speak feedback aloud to help blind and low-vision users.

     - Voice Assistant 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.

     - You can turn on Voice Assistant from any screen by pressing the Home key quickly three times (triple-press).

   - **Voice Assistant help**: Tap for help on using Voice Assistant.

   - **Dark screen**: Keep the screen turned off at all times for privacy.

   - **Rapid key input**: Release your finger to enter selection instead of double tapping.

   - **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.

   - **Magnifier window**: Magnify content shown on the screen.

   - **Grayscale**: Change all colors to gray.

   - **Negative colors**: Reverse the display of onscreen colors from White text on a Black background to Black text on a White background.

   - **Color adjustment**: Adjust the color of the screen if you are color blind or have difficulty reading the display because of the screen color. Tap **Color adjustment** for options.

   - **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.

   Hearing

   - **Turn off all sounds**: For privacy, turn off all notifications and audio.

   - **Samsung subtitles (CC)**: Use Samsung subtitles with multimedia files when available Tap Samsung subtitles (CC) for options.

   - **Google subtitles (CC)**: Use Google subtitles with multimedia files when available. Tap Google subtitles (CC) for options.

   - **Left/right sound balance**: Use the slider to set the Left and Right balance when using a stereo device.

   - **Mono audio**: Switch audio from stereo to mono for use with one earphone.

   - **Auto haptic**: The device will vibrate in time to the sound when listening to music, watching videos, or playing games. It will also vibrate when buttons are tapped in supported apps. This may consume battery power, and not all applications will support this feature.

Dexterity and Interaction

- **Universal switch**: Control your tablet with your customized switches.

- **Assistant menu**: Improve the device accessibility for users with reduced dexterity.

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

- **Interaction control**: Block areas of the screen from touch interaction. Disable Auto rotate screen and hard key functions. Only show application notifications in the Notification panel and the Status bar.

More Settings

- **Direction lock**: Unlock the screen by swiping in a series of four to eight directions.

- **Direct access**: Open your accessibility settings by pressing the Home Key three times in quick succession.

- **Notification reminder**: Beep at set intervals to remind you of any unread notifications.

- **Single tap mode**: Tap to stop/snooze alarms and calendar events.

- **Manage accessibility**: Export your accessibility settings and share them with another device.

Services

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

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

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

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. Tap individual data items to sync.

5. Tap **MORE** > **Sync all** or **Sync now** to synchronize the account.

Note: Sync options and the location of the sync command differ depending on the account type.

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]**.

   • Tap an account to configure that account's sync settings.

   • Tap other available options for the account.

Delete an Account

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

2. Tap **Accounts** > **[Account type]**.

3. Tap the account and then tap **MORE** > **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 Samsung Account

Enable backup of your information to Samsung servers.

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

2. Tap **Backup and reset** for options:

   - **Back up my data**: Enable back up of application data, Wi-Fi passwords, and other settings to Google servers.

   - **Restore**: Enable automatic restoration of settings from Samsung servers. When enabled, backed-up settings are restored when you reinstall an application.

Backup and Restore

Enable backup of your information to Google servers.

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

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.

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.

Caution: If you reset your device to factory settings with the FRP (Factory Reset Protocol) turned on, you must enter the user name and password for the last registered Google Account to regain access to the device. You will not be able to access the device without the correct credentials. This Google Account verification prevents unauthorized users from accessing or using your device if it has been reset to factory settings without your permission (for example, if your device is lost or stolen). 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.

Collect Diagnostics

Collect diagnostics data for troubleshooting.

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

2. Tap **Backup and reset** > **Collect diagnostics**.

3. Tap **Diagnostics** and read the onscreen
   information. Choose to enable or disable the
   feature by checking **Allow Diagnostics**.

4. Tap **More info** to display additional information
   or tap Next to display the Connection Assistant
   screen.

5. Tap **Connection Assistant** and read the
   onscreen information. Tap **Accept** or **Decline**.

6. Tap **Special Offers** and read the onscreen
   information. Tap **Accept** or **Decline**.

Language and Input Settings

Configure your device's language and input settings.

Language

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

2. Tap **Language and input** > **Language**.

3. Select a language from the list.

Default Keyboard

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

2. Tap **Language and input** > **Default keyboard**.

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:

   Input languages

   - **English(US)**: Set the keyboard type: Qwerty keyboard or 3x4 keyboard.

   - **Select input languages**: Choose which languages are available on the keyboard. To switch between languages, slide the space bar sideways.

Smart typing

- **Predictive text**: Allow predictive text to suggest words matching your text entries.

- **Auto replace**: Complete or replace the word you are typing with the most probable word when you tap the space bar.

- **Auto check spelling**: Underline spelling errors in red and suggest corrections.

- **Auto capitalize**: Automatically capitalize the first letter of each sentence.

- **Auto spacing**: Automatically insert spaces between words.

- **Auto punctuate**: Automatically insert a full stop by tapping the space bar twice.

- **Keyboard swipe**: Choose between None, Continuous input, and Cursor control.

Key-tap feedback

- **Sound**: Tap **ON/OFF** to enable sounds when you tap the keyboard.

- **Vibration**: Tap **ON/OFF** to enable vibration when you tap the keyboard.

- **Character preview**: Show a big character bubble when a key is tapped.

Customization

- **Text shortcuts**: Create shortcuts for your frequently used phrases.

- **Adjust keyboard size**: Manually adjust the size of the keyboard.

Other settings

- **Reset settings**: Reset setting to their defaults.

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:

   - **Language**: 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 (not included) if one is connected.

Voice Input

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

To perform a voice search, tap 🎤 in the Google search bar or widget. Or say "Ok Google" to launch a Google search (if the hotword detection option is enabled).

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

2. Tap **Language and input** > **Voice input** for options.

3. Tap **Enhanced Google services** for full voice interaction or **Basic Google recognition** for simple voice recognition.

4. Tap ⚙ **Settings** next to the selected option to configure its options.

Text-To-Speech Options

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

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

2. Tap **Language and input** > **Text-to-speech options** for options:

   - Choose either the Samsung or Goggle text-to-speech engine. Tap ⚙ **Settings** next to each TTS engine for options.

   - **Speech rate**: Set the speed at which the text is spoken.

   - **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.

Battery

View how battery power is used for device activities.

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

2. Tap **Battery** for options:

   - **Power saving mode**: Tap **ON/OFF** to turn the feature on, and customize options.

   - **Ultra power saving mode**: Tap **ON/OFF** to turn the feature on.

   - **Display battery percentage**: 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.

   - Tap **REFRESH** to update the listing.

Apps and OS Usage

Battery usage displays in percentages per application.

1. Tap an option to see 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.

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.

   - The amounts of memory used are further divided into System memory, Used space, Cached data, Miscellaneous files, and Available space.

**To increase available memory:**

1. Tap **Cached data** to clear cached data for all apps. Tap **DELETE** to confirm.

2. Tap **Miscellaneous files**, select unnecessary files individually or tap **SELECT ALL**, 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.
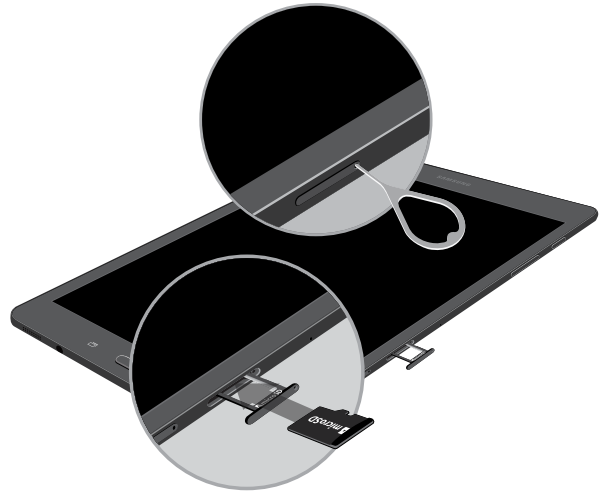
Caution: Exercise care when using the metallic removal tool to eject the internal SIM card slot.

1. Insert the SIM removal tool into the hole on the Memory card tray, and push until the tray pops out.

2. Place the Memory card on the tray, and slide the tray back into the slot.

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 will need to mount it before it can be accessed.

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

2. Tap **Storage** > **Mount SD card**.

Remove a Memory Card

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. Insert the removal tool into the hole on the Memory card tray, and push until the tray pops out.

4. Remove the Memory card from the tray, and slide the tray back into the slot.

Format a Memory Card

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.

Accessories

Configure options when using a book cover (not included).

Flip the cover open to unlock the screen when secure lock is turned off.

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

2. Tap **Accessories** > **Automatic unlock** to enable this feature.

Date and Time Settings

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**.

    The following options are available:

    - **Automatic date and time**: When enabled, the device takes date and time updates from the wireless network.

    - **Automatic time zone**: When enabled, the device takes the time zone 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).

    - **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.

Help

View tips and guidelines for using your device.

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

2. Tap **Help** to view topics.

About Your Device

View information about your device, 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:

   - **Software update**: Check for and install available software updates.

   - **Status**: View the status of the battery, network, and other information about your device.

   - **Legal information**: View legal notices and other legal information.

   - **Device name**: View and change your device's name.

   - Additional device information includes the Model number, Android version, Build number, and more.

Software Updates

Use Software update to update your device's software.

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

2. Tap **About device** > **Software update**.

3. Follow the prompts to check for available software updates to download and install.