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For 24 hour information and assistance, we offer a new FAQ/ARS System (Automated Response System) at: www.samsung.com/us/support

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

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

English:  www.samsung.com/us/Legal/Phone-HSGuide

Spanish:  www.samsung.com/us/Legal/Phone-HSGuide-SP

The online version of the End User Licensing Agreement for your device can be found:

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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

*Recent apps and Back light up when navigating through the device.
• **Back**: Tap to return to the previous screen, or to close a dialog box, menu, or keyboard.

• **Earpiece**: Listen to a call.

• **Edge Screen**: Provides quick access to frequently used apps, alerts, notifications, and device functionality all with the swipe of a thumb.

• **Front Camera**: Take self-portraits and record videos of yourself.

• **Headset Jack**: Connect an optional headset (not included).

• **Home/Finger Scanner**: Tap to return to the Home screen. Activate the Fingerprint security feature.

• **Proximity and Gesture Sensors**: Detects the presence of objects near the device.

• **Recent Apps**: Tap to display recent apps or touch and hold for home screen options.

• **Power/Lock 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, Emergency Mode, and to Mute, Vibrate, and Sound modes.

• **Status Light**: Displays red when charging or the battery is low, blue when a notification has arrived or you are voice recording, and green when fully charged.

• **Volume Key**: Press to adjust the volume of your device’s sounds and audio.
Back View

Microphone
Infrared Transmitter
Rear Camera
Heart Rate Sensor
Flash
Speaker
S Pen
Microphone
USB/Charger Port
• **Rear Camera**: Take pictures and record videos.

• **Flash**: Illuminate subjects in low-light environments when taking a photo or recording video.

• **Heart Rate Sensor**: When using the S Health app, this sensor measures your heart rate via your fingertip.

• **Infrared Transmitter**: Controls external devices using infrared light.

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

• **S Pen**: Holder for the S Pen stylus.

• **Speaker**: Plays music, and other sounds.

• **USB/Charger Port**: Connect the Charger/USB cable (included), and other optional accessories (not included).
Assemble Your Device

Prior to use you need to assemble your device.

Remove the Back Cover

1. Hold the phone securely.
2. Locate the cover release latch and carefully pull the cover off.

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

Your device comes with the SIM card already installed. If you need to replace your SIM card, follow these steps.

1. If the battery is in the phone, carefully remove it.
2. Slide the SIM card out of the SIM card slot.
3. Carefully slide the new SIM card into the slot with the Verizon logo facing up.

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

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.
Install the Battery

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

Replace the Back Cover

1. Place the back cover over the back of the phone.
2. Then press down along the edges to secure the cover.
Charge the Battery

Before turning on your phone, charge it fully. Your phone comes with an Adaptive Fast Charging charger and a USB cable.

1. Plug the smaller end of the cable into the USB/Charger port on your phone and the other end into the charger.

2. Then plug the charger into an electrical outlet to charge the phone.

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 battery icon (🔋) blinks and the device sounds a warning tone at regular intervals.

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

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

► For a quick check of your battery level, view the battery charge indicator located in the Status Bar of your device’s display. A solid color (🔋) indicates a full charge.

You can also choose to display a percentage value. Viewing a percentage value can provide a better idea of the remaining charge on the battery. For more information, see Battery.
Set Up Your Device

Turn Your Device On or Off

Turning the Device On
Press and hold the **Power/Lock** key until the device vibrates and starts up.

Turning the Device Off
1. Press and hold the **Power/Lock** key until the device vibrates and the Device options menu displays.
2. Tap **Power off**.

Setup Wizard
The first time you turn your device on, the Setup Wizard 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/Lock key.

Unlock the Device
The default Screen lock on your device is Swipe.

► To unlock your device, press the Power/Lock key or Home, 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 Lock Screen.
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.
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
- Edge Screen
- App Shortcuts
- Widget
- Apps Folder
- Apps Screen
- Phone Shortcut
- Home Screen Indicator

Know Your Device
- **Apps Folder**: For your convenience, there are several applications that are grouped into folders on the Edge Screen.
- **Apps Screen**: Allows quick access to all of your applications.
- **App Shortcuts**: Shortcuts to your favorite applications.
- **Edge Screen**: The display area along the edge of your phone.
- **Home Screen Indicator**: Indicates which Home screen is presently displayed.
- **Notification Icons**: Display new messages and emails, notifications, available software updates, and so on.
- **Phone Shortcut**: Tap to access the Keypad and make calls.
- **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.
- **Widgets**: Self-contained applications that run on a Home screen (not shortcuts).
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**: Scroll to the end of the screens, and then tap ➕ Add.
   - **Remove a screen**: Touch and hold on a screen, and then drag it to ❌ Remove.
   - **Set a screen as the main Home screen**: Tap 🏡 Main Home screen at the top of a screen. This screen displays when you press Home.
   - **Change the order of screens**: Touch and hold on a screen, and then drag to a new position.
   - Touch **Home screen settings** for options:
     - **Transition effect**: Change the visual effect used when you move between Home screens.
     - **Flipboard Briefing**: Display all Flipboard briefing updates on 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.

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 the 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.
Folders
Place folders on the Home screen to organize items.

Adding Folders
1. From a Home screen, touch and hold an app shortcut.
2. Drag the shortcut onto Create folder and release.
   - Enter a folder name.
   - Tap Add to place additional apps in the folder.
   - Tap Done on the keyboard.
A folder will be created with the shortcuts inside.

Using Folders
1. Tap the folder to open it and access the shortcuts inside.
2. To add shortcuts to the folder, touch and hold the shortcut, and then drag it onto the folder and release.
3. To delete a folder, touch and hold the folder until it detaches, and then drag it to Remove and release.
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. From a Home screen, pinch the screen.
   – or –
   Touch and hold an empty space on the screen.

2. Tap **Wallpapers**, and then choose **Home screen**, **Lock screen**, or **Home and lock screens**.

3. Tap a wallpaper to see a sample, and then tap **Set as wallpaper**.
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.** The yellow area turns red as the charge level becomes critical.
- **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.**
- **No wireless network is available.**
- **NFC (Near-Field Communication) is enabled.**
<table>
<thead>
<tr>
<th>Notification Icons</th>
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<tr>
<td>Missed call.</td>
<td>Location service (GPS) is active.</td>
</tr>
<tr>
<td>Call in progress.</td>
<td>App updates are available from the Google Play Store.</td>
</tr>
<tr>
<td>Call is on hold.</td>
<td>App updates are complete.</td>
</tr>
<tr>
<td>Call is using speakerphone.</td>
<td>Keyboard is in use.</td>
</tr>
<tr>
<td>New email has arrived.</td>
<td>Connected to a computer using a USB cable.</td>
</tr>
<tr>
<td>New Gmail has arrived.</td>
<td></td>
</tr>
<tr>
<td>New voicemail message has been received.</td>
<td></td>
</tr>
<tr>
<td>New text or multimedia message has arrived.</td>
<td></td>
</tr>
<tr>
<td>Download of a file or app is in progress.</td>
<td></td>
</tr>
<tr>
<td>File is being uploaded or sent.</td>
<td></td>
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</table>
The Edge Screen provides a variety of useful tools, shortcuts, and widgets. Panels for the Edge Screen can be added, removed, and customized to your preferences.

Basic Gestures

The Edge Screen responds to basic gestures as follows:

- Swipe right or left to switch between panels.
- Touch the top of the Edge Screen and swipe downward to view the Quick tools.
- Touch the bottom of the Edge Screen and swipe upward to access Edge Screen settings (only when the screen is unlocked).

Customize App Shortcuts

You can choose the apps you want to display in the Edge Screen.

- Tap ★ Favorite Apps to display the apps tray on the main screen to edit your Edge Screen.
  - To remove an app from the Edge Screen, tap and drag it off of the tray.
  - To add an app to the Edge Screen, tap and drag it to the tray.
  - To relocate an app, tap and drag it to a new location.
  - Tap Done when you are finished.
Quick Tools
You can quickly use preset tools on your Edge Screen without disrupting your activity on the main screen.

1. Swipe down from the top of the Edge Screen.

2. The following tools are provided:
   - **Ruler**: Use your Edge Screen as a ruler. Tap cm to change from centimeters to inches.
   - **Stopwatch**: Count down with the Edge Screen. Tap Start to begin the countdown. Tap Stop to end the time, or Lap to keep the record and immediately start a new record.
   - **Timer**: Use your Edge Screen as a timer. Tap the plus and minus signs to determine the length of time. Tap Start to begin the timer.
   - **Flashlight**: Use your front-facing camera as a flashlight. Tap On to use the flashlight. Tap Off when you are done.
   - **Voice recorder**: Use your Edge Screen as a voice recorder. Use the Record, Cancel, Stop, and Pause options to edit your recording. Recordings are saved to the Audio file.

3. Swipe up from the bottom of the screen to close the quick tools.

Edge Screen Settings
Configure the Edge Screen panels to provide convenient functions that are the most useful to you.

▶ From a Home screen, tap Apps > Settings > Device > Edge screen.

– or –

Swipe upward on the Edge Screen and then tap Settings.

For more information see Edge Screen Settings.
Navigation, Motions, and Gestures

Touchscreen Navigation

**Tap**
Lightly tap items to select or launch them.
- Tap the on screen 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. For example:
- 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 a menu.

**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 to zoom out while viewing a picture or a web page.
- Spread to zoom in while taking a picture.

**Motions and Gestures**

Control your device by making specific gestures with your hand above the device's screen.

For details, see [Motions and Gestures](#).
Notification Panel

- **Quick Settings**
  - Wi-Fi
  - Location
  - Vibrate
  - Screen rotation
  - Bluetooth

- Adjust screen brightness

- Tap a notification to launch app or view detail

- Settings

- View additional Quick Settings

- Clear all notifications

- Wed, October 29

- Connected as an installer
  - Touch for other USB options.

- Security setup
  - See options for secure lock screens.
Notification icons display on the Status Bar displaying calendar events, device status, and more. For details about these notifications, open the Notification Panel.

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.
- or –
  Tap View all.

Notification Panel Settings

To customize the Notification Panel, see Notification Panel.
Multi Window

- Multi Window Tray
- Tray Controls
- Window Controls
Multitask by using multiple applications at the same time.

Activate Multi Window

1. From a Home screen, tap Apps > Settings > Multi window.
2. Tap ON/OFF to activate.
   - Tap Open in multi window view to automatically view content in Multi window when you open files from My Files or Video player, or attachments from email.

Tip: You can also activate Multi window from the Notification Panel.

Using Multi Window

After enabling Multi window, you can use it to run multiple apps at the same time.

Note: Multi window is not available for all apps.

The apps 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.

1. Touch and hold Back to display the Multi window tray. After a few seconds, the panel will be hidden again.
2. Touch and hold an app from the Multi widow tray and drag it to the main window. Drag another app into the window to create a split view. A blue rectangle shows where the apps will snap into place.
Window Controls

Select an application window and tap ☐ Border in the middle of the window border.

Switch windows: Switch the positions of two Multi window applications.

Move content: Share items between the application windows. Drag an item to share from one window to another. Some applications may not support this feature.

Collapse window: Collapse the selected window.

Expand: Open the selected window in full screen view.

Close application: Close the selected app.

Customize Multi Window

You can customize Multi window to suit your preferences.

Create a Window Group

If you use certain apps together in Multi window often, you can create a window group to quickly display the two apps in Multi window.

The window group will be stored in the Multi window tray, so you can choose it any time to display the two apps.

1. Touch and hold ➡ Back to display the tray, and then drag apps to the windows.

2. Scroll to the bottom of the Multi window tray, and then tap 📊 Tray Controls > ☐ Create.
**Change the Order of Apps in the Multi Window Tray**

1. Touch and hold ➔ Back to display the Multi window tray.
2. Tap and hold an app, drag it to a new position in the tray and then drop it.

**Choose Apps to Display in the Multi Window Tray**

You can choose the apps you want to display in the Multi window tray.

1. Touch and hold ➔ Back to display the Multi window tray.
2. Tap ⬇️ Tray Controls ➔ Edit for options:
   - To remove an app from the tray, tap and drag it off of the tray and place it in the storage area.
   - To add an app to the tray, tap and drag it from the storage area to the tray.
   - To relocate an app, tap and drag it to a new location.

**Multi Window Settings**

To customize Multi window, seeMulti Window Settings.
S Pen

The S Pen is a stylus that assists you in performing different functions. Switch between touch and pen input by using the S Pen button.

Remove S Pen

The S Pen stores inside your device for convenient access.

► Slide the S Pen from your device using the notch on the end of the S Pen.
Air Command

Air command allows you to quickly activate frequently used applications or perform actions.

To launch the Air command menu:

► Remove the S Pen from the S Pen slot, hold the S Pen near the screen so that the pointer appears, and press the S Pen button once.

Action memo: Launch a memo and link it to actions. Action memos are saved in the S Note app.

Smart select: Capture screenshots and write or draw on them.

Image Clip: Outline and crop images on the screen, in any shape, to share or paste.

Screen Write: Capture screenshots and write or draw on them.

Action Memo

An Action memo is a special type of note that turns your written text into actions on your device. To open an Action memo:

► Launch the Air command menu and select Action memo.

– or –

Press and hold the S Pen button and double-tap the screen with the pen.

Note: Action memos are saved in the S Note app. See Action Memos for more information.
**Smart Select**

Smart select is a capture tool to select content on a screen. To launch the Smart select tool:

► Launch the Air command menu and select Smart select.

To capture an item on the screen, simply draw around the item. The captured item appears on the screen and can be saved to the Scrapbook or shared. The following options are available:

- Tap Collect to collect the content. It will appear in minimized form on the screen until you save or delete the capture.
- Tap Scrapbook to save the content in the Scrapbook. See Scrapbook for more information.
- Tap Share via to share the captured content with your contacts.

When you tap Collect, the captured content is stored on top of the Home screen as a thumbnail. The following options are available:

- Tap Collect more to take another Smart Select capture.
- If more than one capture has been taken, tap the Expand arrow to view all of the capture thumbnails.
- Tap a thumbnail to view the capture and see the options available. You can save the captured content to the Scrapbook, share the capture, or delete it.
- To delete captured content, tap the thumbnail to view it. Touch and hold the capture to be deleted, select all item(s) to delete, and then tap Delete.
**Image Clip**

Outline and crop images from the screen, in any shape, to share or paste. You can edit the cropped content, or personalize it with your own handwriting.

To use Image Clip:

1. Launch the Air command menu and select Image Clip.
2. Use the S Pen to draw around the content you wish to capture.
3. The selected clip is centered on the screen. To refine your selection, use the Transform buttons. You can choose your hand drawn shape, regular shapes, or a magnetic auto shape.
4. Once you decide on a shape, select one of the following options:
   - Tap **Scraper** to change the pen tip, size, and to save presets.
   - Tap **Pen** to write on the screen shot. Tap **Pen a second time to change the pen tip, size, color, and to save presets.**
   - Tap **Eraser** to erase the writing or drawings on the screen shot. Tap **Eraser a second time to change the size of the eraser area and to see the Clear all option.**
   - Tap **Crop** to crop the screenshot. Tap **Crop a second time to change the shape to either Lasso or Rectangle.**
   - Tap **Undo** to undo the last action.
   - Tap **Redo** to undo the last action.

**Screen Write**

Screen Write allows you to capture a screen shot and then write notes on the screen shot. To use Screen Write:

1. Launch the Air command menu and select Screen write.
2. The current screen is captured, and a pen tool appears. The following editing tools are provided:
   - **Pen**: Write on the screen shot. Tap **Pen a second time to change the pen tip, size, color, and to save presets.**
   - **Eraser**: Erase the writing or drawings on the screen shot. Tap **Eraser a second time to change the size of the eraser area and to see the Clear all option.**
   - **Crop**: Crop the screenshot. Tap **Crop a second time to change the shape to either Lasso or Rectangle.**
   - **Undo**: Tap to undo the last action.
   - **Redo**: Tap to redo the last action.
3. When you are finished writing, either tap \(\checkmark\) **Save** to save the screen shot or tap \(\times\) **Cancel** to delete the shot. You can also tap \(\leftarrow\) **Share via** to share the image using another app. The screen shot is saved in the Gallery app.

**Air View**

Hover the S Pen over the screen to preview content, or view information about an item on the screen.

**For example:**
- Hover over an email in a list to preview the message before opening it.
- Hover over a photo album to preview the contents or see a picture enlarged.
- Hover over the time line during video playback to preview and navigate to specific scenes.
- Hover over an icon or screen button to view the item’s name or description.

**Note:** The preview function is only available when the S Pen’s onscreen pointer is a solid color.

For more information, see **Air View**.

**Direct Pen Input**

When filling out a form field in an app (like **Name** or **Number** in Contacts), you can open a Handwriting window to allow you to write the entry with the S Pen rather than type.

**To use the Handwriting window:**

1. When filling out a form field, hover the S Pen over the field until the \(\text{✍️ Handwriting}\) icon appears.
2. Tap \(\text{✍️ Handwriting}\). The Handwriting window appears.
3. Use the space provided in the window to write the entry by hand using the S Pen. While writing, your entries will be converted into text.
4. To edit the converted text, use the Space and Delete icons provided. To change the position of the cursor, drag the pointer below the cursor to the desired position for editing.
5. When finished, tap \(\checkmark\) **Done**.
Configure S Pen Settings
For information on configuring S Pen settings, including options for sounds and for tracking S Pen when it’s not stored in your device, see S Pen.

Replace the S Pen Tip
You can replace the tip of the S Pen. To replace the tip:
1. Use tweezers to pull out the S Pen tip (1).
2. Insert the new pen tip on the top of the S Pen and press until it clicks in place (2).
Entering Text

Using the Samsung Keyboard
Type your text input using a QWERTY keyboard.

Special Keys

- Tap once to use Google Voice Typing.
- Touch and hold to access keyboard settings and advanced keyboard features, such as handwriting.
- Use your handwriting to enter text.
- Display the contents of the clipboard.
- Access keyboard settings.
- View emoticons.
- Change the layout of the keyboard.
Special Keys

- Sym: Tap to switch to symbols.
- ABC: Tap to switch to letters.

Configure the Samsung Keyboard
To customize the Samsung Keyboard, see Samsung Keyboard Settings.

Using Google Voice Typing
Instead of typing, speak your text input.

1. On the Samsung Keyboard, tap Google Voice Type.
2. Speak your text.

Configure Google Voice Typing
To customize Google Voice Typing, see Google Voice Typing Settings.
Using Swype

Swype is a text input method that makes it possible to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words.

Enabling and Configuring Swype

To enable the Swype keyboard while entering text:

1. Touch the top of the screen and swipe downward to display the Notification Panel.
2. Touch **Choose input method**.
3. Touch **Swype**.

Configure Swype

To customize Swype, see [Swype Keyboard Settings](#).
Calling

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

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

Make a Call
1. From the Edge Screen, tap Phone.  
   – or –  
   From a Home screen, tap Phone.  
2. Enter a number and tap Dial.

Quickly Dial a Number from Your Contact List
1. From a Home screen, tap Apps > Contacts.  
2. While viewing your contact list, swipe your finger across a contact to the right to call the contact.

Dial a Recent Number
All incoming, outgoing and missed calls are recorded in the Call log. If the number or caller is listed in your contacts list, the associated name is also displayed.
1. From the Edge Screen, tap Phone.  
   – or –  
   From a Home screen, tap Phone.  
2. Tap the Recent tab. A list of recent calls is displayed.  
3. Tap a contact, and then tap Call.
Answer a Call on the Main Screen

When a call is received, while the phone is inactive the phone rings and displays the caller’s phone number, or name if stored in the contacts list on the main screen.

► At the incoming call screen:
  - Touch and drag ✉️ **Answer** in any direction to answer the call.
  - Touch and drag ✉️ **Reject** in any direction to reject the call and send it to your voicemail.

End a Call

► When you are ready to end your call:
  - On the main screen, tap ✉️ **End call**.
  - On the Edge Screen, tap ✉️ **End**.

Answer a Call on the Edge Screen

If your phone is active when you receive a call, the call screen will appear on the Edge Screen, so that your activity is not interrupted.

► On the Edge Screen:
  - Touch and drag ✉️ **Answer** in any direction to answer the call.
  - Touch and drag ✉️ **Reject** in any direction to reject the call and send it to your voicemail.

To move the call screen to your main screen:
  ► Tap ✉️ **Expand**.

To return the call screen to the Edge Screen:
  ► Tap ✉️ **Collapse**.
Options During a Call

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

Adjusting the Call Volume
► Press the Volume key to increase or decrease the volume.
– or –
Quickly add more volume to the incoming audio by tapping More options > Extra volume.

Listen with the Speaker or Bluetooth Headset
Listen to the call using the speaker or through a Bluetooth headset (not included).
► Tap Speaker to hear the caller using the speaker.
– or –
Tap Bluetooth to use a Bluetooth headset (not included).

Personalize the Call Sound Setting
Adjust the sound by using an audio equalizer.
► From the currently active call, tap More options > Personalize call sound.

Place a New Call While in a Call
If your service plan supports this feature, you can make another call while a call is in progress.
1. From the active call, tap Add call to dial the second call. The first call is displayed as a thumbnail.
2. Dial the new number and tap 📞 Dial.
   • Tap Swap to switch between the two calls.
   • Tap Merge to hear both callers at once (multi conferencing).
Call Waiting

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

To answer a new call while you have a call in progress:
1. Slide ☎️ Answer in any direction to answer the new call.
2. Tap an option:
   - Putting [Caller] on hold to place the previous caller on hold while you answer the new incoming call.
   - Ending call with [Caller] to end the previous call and answer the new call.
3. Tap the previous On hold number entry and select Swap to switch between the two calls. This places the new caller on hold and activates the previous call.

Multitasking While on a Call

If you exit the call screen from the main screen and return to a Home screen, your active call is indicated by an icon on the Status Bar.

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

To return to the call screen:
- Tap the reactivate button.

To end a call from any application:
- Swipe the Status Bar downward to reveal the Notification Panel, and then tap End.
Call Log

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

1. From the Edge Screen, tap ☎ Phone.
   - or –
   From a Home screen, tap ☎ Phone.

2. Tap the Recent tab. A list of recent calls is displayed. If the caller is in your contacts list, their name is displayed.

Save a Recent Call to Your Contacts List

1. From the Edge Screen, tap ☎ Phone.
   - or –
   From a Home screen, tap ☎ Phone.

2. Tap the Recent tab.

3. Tap the call you want to add to your contacts list.

4. Tap Create contact.
   - or –
   If you want to replace the number for an existing contact, tap Update existing.
Delete a Call from the Call Log

1. From the Edge Screen, tap Phone. – or –
   From a Home screen, tap Phone.

1. Tap the Recent tab.

2. Touch and hold the call you want to delete from the Call log.

3. Tap Delete.

Add a Call to the Reject List

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

1. From the Edge Screen, tap Phone. – or –
   From a Home screen, tap Phone.

1. Tap the Recent tab.

2. Touch and hold the caller you want to add to the Reject list.

3. Tap More options > Add to Auto reject list.
Make a Call Using Speed Dial

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

**To make a call using Speed Dial:**
1. From the Edge Screen, tap **Phone**.
   - or –
   From a Home screen, tap **Phone**.
2. Enter the speed dial number, and hold down the last digit entered.

**Assign a Speed Dial Number**

1. From a Home screen, tap **Apps > Contacts**.
2. Tap **More options > Speed dial**. The Speed dial screen displays showing the numbers 1 through 100 (Number 1 is reserved for voicemail).
   - Tap an unused number to assign it to a contact’s default phone number.
   - To remove a speed dial number assignment, tap **Delete**.

Make an Emergency Call

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

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

**Make an Emergency Call without a SIM Card**

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

1. From the Lock screen, tap **Emergency call**.
2. Enter **911** and tap **Dial**.
3. Complete your call. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.
4. Tap **End call**.
**Make an Emergency Call with a SIM Card**

1. From the Edge Screen, tap 📞 Phone.
   – or –
   From a Home screen, tap 📞 Phone.

2. Enter the emergency number (example: 911), then tap 📞 Dial.

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**Call Settings**

To access the Call settings menu:

► From the Edge Screen, tap 📞 Phone > 📦 More options > Settings > Call.
   – or –
   From a Home screen, tap 📦 Apps > 📦 Settings > Call.
Applications

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

Learn how to change the way apps appear, organize apps into folders, and uninstall or disable apps.
**Apps Screen**

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

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

### Download and Install New Apps

Find new apps to download and install on your device:


- **GALAXY Apps**: View and download Samsung apps that are optimized for use with GALAXY devices. Visit [apps.samsung.com](http://apps.samsung.com) to learn more.

### Accessing 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 **Home**.
Uninstall or Disable Apps

You can uninstall or disable apps you download and install.

- Preloaded apps cannot be uninstalled.
- Apps that are disabled are turned off and hidden from view.

1. From a Home screen, tap Apps.
2. Tap More options > Uninstall/disable apps. Apps that can be uninstalled show Delete on their icon.
3. Tap Delete and follow the prompts to either uninstall or disable the app.

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.
3. Tap an option:
   - Custom: The default view, which allows you to touch and hold on apps to move them from screen to screen.
   - Alphabetical order: Icons are arranged in A-Z order.
Use Folders to Organize Apps

1. From a Home screen, tap Apps.
2. Tap More options > Create folder.
3. Enter a folder name.
4. Tap Add, select apps to include in the folder, and then tap Done.
   • Touch a folder to view its apps. Touch an app to launch it.

Show Hidden Apps

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

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

Hide Apps from View

You can hide (rather than uninstall or disable) apps that you do not wish to see on the App screen.

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

1. From a Home screen, tap Apps.

2. Tap More options for these options:
   - **Edit**: Touch and hold an app icon then drag it to:
     - Create page to create a new apps page.
     - Create folder to create a new folder.
     - App info view information about this app.
     - Disable/Delete to remove the app.
   - **Create folder**: Create a new folder to hold the app icon.
   - **Remove folder**: Remove a folder.
   - **Sort by**: Configure the apps screen.
   - **Uninstall/disable apps**: Uninstall an app that you downloaded to your device, or disable a preloaded app (preloaded apps cannot be uninstalled). Touch Delete to remove or disable the selected app.
   - **Hide apps**: Hide apps from the Apps screen.
   - **Show disabled apps**: Display disabled apps.
   - **Show hidden apps**: Display hidden apps.
   - **GALAXY Essentials**: Galaxy Essentials is a collection of specially chosen applications available through Samsung Apps. From Galaxy Essentials, you can access and download a collection of premium content, free of charge.
   - **Help**: View information about your device.
Google Applications

Enjoy these applications from Google.

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

Chrome
Use Google Chrome to browse the Internet and bring your open tabs, bookmarks and address bar data from your computer to your mobile device.
Visit google.com/chrome/browser 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 Home.

Note: When Google Now is enabled, you can also access it by touching 📲.
Google Settings
Quickly and easily change Google app settings to suit your preferences.

**Note:** You must be signed in to the application you want to configure. For example, sign in to Google+ to configure Google+ settings.

Google+
Stay connected and share with Google+. Chat with friends and family, post photos, and see what others are sharing.

Hangouts
Hangouts is an online place to meet friends and family, share photos, and host video calls. Conversation logs are automatically saved to a Chats area in your Gmail account.

Visit google.com/hangouts to learn more.

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

Visit google.com/maps to learn more.

**Note:** You must enable location services to use Maps. Please see Location Services.

Photos
This application automatically backs up your photos and videos to your Google+ account.

Play Books
With Google Play Books, you can find millions of free e-books and hundreds of thousands more to buy in the eBookstore.

Visit play.google.com/store/books to learn more.
Play Games
Discover hundreds of games for download and purchase through the Google Play Store.
Visit play.google.com/store to learn more.

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 Newsstand
Subscribe to your favorite magazines to read on your device at your leisure.
Visit play.google.com/store/newsstand 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.
Verizon Applications

Enjoy these applications from Verizon Wireless.

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

Caller Name ID
Screen calls with the Caller Name ID service, which provides the names and pictures of people who call you.

Note: A subscription is required to use this service. Contact your wireless provider for details.

Cloud
Use Verizon Cloud to back up and access your data. You can also use Verizon Cloud to transfer content between other devices.

Message+
Use Verizon Messages to send text messages at a whole new level. Draw on pictures, share locations in real time, send audio messages, and much more. For more information, see Message+.

Mobile Hotspot
This is a shortcut to the Mobile Hotspot. For more information, see Mobile Hotspot.
My Verizon Mobile
View details and manage your Verizon Wireless account.

*Note:* No airtime or minute charges apply when accessing My Verizon Mobile.

Voice Mail
Visual Voice Mail allows you to review your voicemail on your phone, including the option to listen to your voicemail in any order. There is a monthly charge for Visual Voice Mail, and airtime charges may apply. For more information, contact Verizon Wireless.

VZ Navigator
Use VZ Navigator to find, share and navigate to millions of locations, avoid traffic and drive, or walk with ease.

VZ Protect
The Verizon Support and Protection application helps protect your phone from digital threats, including viruses and malware, risky web sites, and from people accessing the information on your phone if it is ever lost or misplaced.
Other Applications

Amazon
Shop at Amazon.com from your device.
Visit Amazon.com to learn more.

Amazon Kindle
Use the Amazon Kindle application to download books for reading right on your device. You must have an account with Amazon to use the Kindle application.
Visit kindle.amazon.com to learn more.

Amazon Music
Shop for music at Amazon.com.
Visit Amazon.com to learn more.

Appstore
Browse and download applications, games and more from the Amazon application store.
Visit Amazon.com to learn more.

Audible
Download audio books to enjoy on your phone.
Visit Audible.com to learn more.

Emergency Alerts
This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System (CMAS) which may also be known as the Personal Localized Alerting Network (PLAN). For more information, see Emergency Alerts.
Facebook
Keep up with friends and family with the Facebook app. Share updates, photos, and videos, as well as text, chat, and play games.

Flipboard
Use this application to access your personalized magazines.
Visit flipboard.com to learn more.

Hancom Office 2014
Hancom Office 2014 supports editing documents, spreadsheets and presentations as well as viewing PDF documents. Hancom Office 2014 also provides a file manager that helps you quickly find and easily manage documents.
Visit hancom.com to learn more.

Help
View information on using your device's basic features and settings.

IMDb
Search movies and actors, view trailers and showtimes, explore top charts and box office information, and add movies and TV to your personal Watchlist.

NFL Mobile
Play the popular game on your phone.

PEN.UP
This community brings together anyone that uses the S Pen to draw, sketch, scribble or paint. Share photos, comment on other creations, or just browse through the pages for something to add to your personal collection.
Setup Wizard
Configure basic settings for your device.
For more information, see Setup Wizard.

Slacker Radio
Enjoy free Internet radio with your mobile device.

Softcard
Softcard uses NFC technology to let you pay for purchases with just a tap of your device. Softcard holds credit, debit, and loyalty cards, while organizing offers, deals, and promotions. Softcard helps you manage your spending by showing you card balances and recent purchases for most of the cards in your Wallet.

Note: Softcard requires a special SIM card. See your Customer Service representative for more information.
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
- Tap Clear.
- To clear the calculator history, tap View history to view the history of calculations, and then 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
Turn the device landscape to use advanced arithmetic functions, such as sin, cos, and tan.
Calendar

Manage your events and tasks.

Create an Event or Task
1. From a Home screen, tap Apps > Calendar.
2. Tap Create new and use one of the following methods:
   - Add event: Enter an event with an optional repeat setting.
   - Add task: Enter a task with an optional priority setting.
3. Enter details for the event or task, and then tap Save.

Delete an Event or Task
1. From a Home screen, tap Apps > Calendar.
2. Tap to view an event or task. Tap More options > Delete.
   To delete multiple events or tasks, tap More options > Delete, select events or tasks, and then tap Done.

Sharing Events
1. From a Home screen, tap Apps > Calendar.
2. Tap to view an event or task. Tap Share via, select a sharing method, and follow the prompts.
Calendar Settings

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

1. From a Home screen, tap ✎ Apps > Calendar.

2. Tap ✎ More options > Settings.

3. Tap an option and follow the prompts.
Camera

- **Shortcuts**
- **Change shooting mode**
- **Record video**
- **Take a picture**
- **Storage status** (if an optional SD card is installed)
- **View pictures and videos in the Gallery**

- **Camera settings**
- **Switch between the front and back cameras**

Samsung Applications
Taking Photos
Take photos 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 photo, use the onscreen options, or these gestures:
   - Tap 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. Tap the Shutter button to take the photo.

   Note: You can also press the Volume key up or down to take a picture. The Volume key can be assigned to act as the video record key or as a zoom key.

Shooting Mode
Several photo effects are available. Some modes are not available when taking self-portraits.

1. From a Home screen, tap Apps > Camera.

2. Tap MODE and select a shooting mode:
   - Auto: Allow the camera to evaluate the surroundings and determine the ideal mode for the photo.
   - Rear-cam selfie: Take a selfie using the rear camera.
   - Selective focus: Make objects stand out from the background. They must be within 1.5 feet from you, and at least 3 times this distance from the background.
   - Panorama: Take a photo composed of many photos strung together.
• **Manage modes**: Select which shooting modes to display when you tap MODE with options like Beauty face, Shot & more, Virtual tour, or Dual camera.

• **Download**: Download additional shooting modes from the Samsung Apps store.

### Camera and Video Settings

1. From a Home screen, tap 📱 Apps > 📷 Camera.

2. Tap ⚙️ Settings to configure settings for Camera. Not all of the following options are available in both still camera and video camera modes. The available options vary depending on the mode used.

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

   • **Effects**: Add special graphical effects.

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

   • **Flash**: Activate or deactivate the flash.

3. Tap ••• Menu to display the following additional options.

   • **Exposure value**: Change the exposure value. This determines how much light the camera’s sensor receives. For low light situations, use a higher exposure.

   • **ISO**: Select an ISO value. This controls camera light sensitivity. It is measured in film-camera equivalents. Low values are for stationary or brightly-lit objects. Higher values are for fast-moving or poorly-lit objects.

   • **White balance**: Select an appropriate white balance, so images have a true-to-life color range. The settings are designed for specific lighting situations. These settings are similar to the heat range for white-balance exposure in professional cameras.

   • **Metering modes**: Select a metering method. This determines how light values are calculated. Center-weighted measures background light in the center of the scene. Spot measures the light value at a specific location. Matrix averages the entire scene.
- **HDR (rich tone):** Save the picture in HDR (rich tone) only.

- **Tap to take pics:** Tap the image on the preview screen to take pictures.

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

- **Recording mode:** Select Normal, Limit for email, or Fast motion mode.

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

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

- **Storage location:** Select the memory location for storage.

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

- **Voice control:** Set the camera to take pictures with voice commands.

- **Shutter sound:** Turn the shutter sound on or off.

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

- **Review pics/videos:** Set to show pictures or videos after taking them.

- **Manage shortcuts:** Touch and hold, then drag items to add them to the shortcuts menu.

- **Reset settings:** Reset the camera settings.
The Google Chrome app allows you to use the Google Chrome web browser on your device.

1. Touch 🎈Chrome.

2. Read the Google Chrome Terms of Service and touch Accept and Continue.

3. If you have an existing Chrome account, touch Sign in to bring your open tabs, bookmarks, and omnibox data from your computer to your phone. Otherwise touch No thanks.

4. Follow the on-screen instructions to use Google Chrome.
The Clock app features an Alarm and a World Clock.

1. From a Home screen, tap Apps > Clock.
2. Tap a tab to use a feature:
   - **Alarm**: This feature allows you to 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).

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 > Alarm tab.
2. Tap + Create alarm:
   - **Time**: Choose a time for the alarm.
   - **Repeat**: When enabled, the alarm repeats every week.
   - **Alarm type**: Choose whether the alarm will use sound, vibration, or vibration and sound to alert you.
   - **Alarm tone**: If you have chosen an alarm type that includes sound, choose a sound to play for the alarm.
• **Volume**: If you have chosen an alarm type that includes sound, drag the slider to set the volume of the alarm.

• **Snooze**: Allow snoozing, and set **Interval** and **Repeat** values for the alarm while snoozing.

• **Smart alarm**: When on, the alarm will start playing a tone at a low volume at an interval before the alarm time, and slowly increase in volume. Choose a time interval and a tone to use with smart alarm.

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

3. Tap **Save**.

---

### Delete an Alarm

1. From a Home screen, tap ⚡ Apps > ⌚ Clock.

2. Touch and hold an alarm, and then tap ⌻ Delete.
Contacts

Your device provides the ability to synchronize information, from a variety of accounts, including Google, Email, Facebook, and your Samsung account.

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

Accounts

Adding an Account
1. From a Home screen, tap Apps > Settings > Accounts > Add account.
2. Select an account provider, then follow the prompts to enter your credentials and sign in.

Managing Accounts
1. From a Home screen, tap Apps > Settings > Accounts.
2. Select an account, then tap a setting to enable synchronization.
Managing Contacts
The Contacts app lets you store and manage contacts from a variety of sources, including contacts you enter and save directly on your device as well as contacts synchronized with your Google account, compatible email programs (including Microsoft Exchange Server), and your Facebook friends.

Accessing Contacts
► From a Home screen, tap Apps > Contacts.

Finding 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.
3. Tap a letter on the side of the list to go directly to that letter in the alphabetical list.

Adding a Contact
Use the following procedure to add a new contact.
1. From a Home screen, tap Apps > Contacts.
2. Tap + Create contact, and then tap contact fields to enter information.
   • Choose a storage account for the contact. You can choose Device to store the contact on the device, or choose an account.
   • Tap 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 another field to add additional contact information.
     - Tap Add to enter additional entries.
     - Tap Delete to remove an entry.
     - Tap Expand for additional fields.
     - Tap Label to choose a label for the field.
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 Name Card
When you share a name card, the contact’s information is sent as a vCard file (.vcf). You can share a vCard via Bluetooth or Wi-Fi Direct, attach it to a message, or save it to a storage location.

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

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

1. From a Home screen, tap Apps > Contacts.
2. Tap the contact to display it, and then tap Link.
3. Tap Link another contact, and then select contact(s) to link to the original contact.
4. Tap Done to save the linked contact.

Unlink Contacts
1. From a Home screen, tap Apps > Contacts.
2. Tap the contact to display it, and then tap Link.
3. Tap Separate 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 choose Select all to select all contacts.
3. Tap Delete.

Favorites
When you mark contacts as favorites, they are easily accessible from other apps. Favorites display together on the Favorites tab in Contacts.

Mark Contacts as Favorites
1. From a Home screen, tap Apps > Contacts.
2. Tap a contact to display it, and then tap Favorite (turns gold ★).

Remove Contacts from Favorites
1. From a Home screen, tap Apps > Contacts.
2. Tap the Favorites tab, and then touch and hold a contact to select it. You can also tap other contacts, or choose Select all to select all contacts.
3. Tap More options > Remove from Favorites.

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

1. From a Home screen, tap Apps > Contacts.
2. Tap the Favorites tab, and then touch and hold a contact to select it.
3. Tap More options > Add shortcut to home screen.
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 email to the members of a group.

Create a Group
1. From a Home screen, tap Apps > Contacts.
2. Tap Groups, and then tap Create group.
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 Group name to enter a name for the new group.
4. Tap Add member and select contacts to add to the new group, and then tap Done.
5. Tap Save.

Rename a Group
1. From a Home screen, tap Apps > Contacts.
2. Tap the Groups tab, and then tap a group.
3. Tap More options > 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 options > Send message or email.
4. Tap Email.
5. Tap contacts to select them, or tap Select all, and then tap Done. (You will only see group members that have email addresses in their contact records.)
6. Choose an account and follow the prompts.

Delete a Group
Preset groups, such as Family, cannot be deleted.
1. From a Home screen, tap Apps > Contacts.
2. Tap Groups.
3. Tap More options > Select.
4. Select groups to delete and 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 options > 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.

Configuring 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 options > Settings > Manage accounts > Add.

   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 options > Settings. Tap the account to display Account settings.

Managing 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 select:
   - Combined view: View all email in a combined inbox.
   - <Account Name>: View email for only this account.
**Refreshing Your Email Account**

Refresh your account to update your email accounts.

1. From a Home screen, tap Apps > Email.
2. In the Application Bar, tap Refresh.

**Deleting Email Accounts**

To delete an Email account:

1. From a Home screen, tap Apps > Email.
2. Tap More options > Settings.
3. Tap the account you want to delete, and then tap Remove account.

**Email Settings**

Use the Email Settings to configure your Email preferences.

**Note:** Available settings depend on the email provider.

1. From a Home screen, tap Apps > Email.
2. Tap More options > Settings.
3. Tap an option and follow the onscreen instructions.
4. Tap an account to configure specific settings.
Gallery

View, edit, and manage pictures and videos.

Viewing Images
Launching Gallery displays available folders. When another application, such as Email, saves an image, the 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 a folder to open it.
3. Tap an image or video to view it in full screen. Scroll left or right to view the next or previous image.

Zooming 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.

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

Trimming Segments of a Video
1. Select a video, and then tap 📱 Trim.
2. Move the start bracket to the desired starting point, move the end bracket to the desired ending point, and then save the video.
Editing Images

1. From a Home screen, tap Apps > Gallery.

2. While viewing an image, tap More options for the following functions:
   - **Edit**: Use basic tools to edit your photo.
   - **More info**: View image details.
   - **Screen write**: Draw, write, and do edits on the photo and save it as a separate file.
   - **Rotate left**: Rotate counter-clockwise.
   - **Rotate right**: Rotate clockwise.
   - **Crop**: Resize the frame to crop and save the image in it.
   - **Rename**: Rename the file.
   - **Slideshow**: Start a slideshow with the images in the current folder.
   - **Add tag**: Add a content tag to the photo.
   - **Studio**: Edit your photo with advanced tools.
   - **Set as**: Set the image as wallpaper or a contact image.
   - **Print**: Print the image via a USB or Wi-Fi connection. Some printers may not be compatible with the device.
   - **Settings**: Change the Gallery settings.

Deleting Images

1. From a Home screen, tap Apps > Gallery.

2. Tap More options > Delete, select items to delete, and then tap Done.

**Tip**: When viewing an image full screen, tap Delete.
Sharing Images

Use one of the following methods:

1. From a Home screen, tap Apps > Gallery.
2. Tap a folder to open it.
3. In a folder, tap More options > Select, select images, and then tap Share via to send them to others or share them via social network services.

Gallery Settings

These settings allow you to modify settings associated with using your Gallery.

1. From a Home screen, tap Apps > Gallery.
2. Tap More options > Settings.
3. Tap an option and follow the onscreen instructions.
4. Tap More options > Add account to add a Samsung, Google, or Facebook account.
Internet

Access to the Internet with a fully featured web browser.

Access the Internet
► From a Home screen, tap Apps > Internet.

Command Keys
The following command keys are available:

- Back or Back to return to the previous page.
- Forward to go forward to a recent page.
- Home to display your Internet Home screen.
- Refresh to reload the current page.

Viewing Web Site

To view a web site:
► Tap the address field, enter the web address, and then tap Go.

To share, save, or print the current web page:
► Tap More options.

To zoom in or out:
► Tap the screen twice or pinch the screen to zoom out and stretch the screen to zoom in.
Browser Tabs

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

To open a new tab:
1. Tap More options > New tab.
2. Tap a different tab to view it.

To close a tab:
► Tap Tab Manager and tap Close.

Bookmarks

To bookmark the current web page:
► Tap Bookmarks > Add bookmark.

To open a bookmarked web page:
► Tap Bookmarks and tap an entry.

History

To view a list of recently visited web pages:
► Tap Bookmarks > History tab.

Saved Pages

To save a web page:
► Tap More options > Save webpage.

To view a list of saved web pages:
► Tap Saved pages tab.

Sharing Pages

To share a web page address with others:
► Tap More options > Share via and follow the prompts.
Incognito Tabs

Pages viewed with incognito tabs do not appear within your browser history or search history, and leave no traces (such as cookies) on your device.

Incognito tabs display 🌐 Incognito on their tab.

Note: Any downloaded files will remain on your device after you close the incognito tab.

To turn on Incognito mode:

► Tap 📲 More options > Incognito mode.

To open a new incognito tab:

► Tap 📲 More options > New incognito 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 options > Settings.
3. Tap an option and follow the prompts to customize.
This section describes how to create a send a message using the Verizon Messages app.

Creating and Sending Messages

Use the Verizon Messages app to send and receive messages with your friends and family.

1. From the Edge Screen, tap 📬 Message+ > 📬 New message.

2. Tap the To: field and then enter a contact name, a mobile phone number, or an email address using the onscreen keyboard. As you enter letters, possible matches from your accounts and contacts display on the screen. Touch a match to add it to the message.

3. Tap Type a message and enter your message.

4. Tap ✉️ Attach to attach an item, such as a postcard, picture, video, audio recording, Glympse location, location, contact card, or song. You can also choose emoticons to insert into your message.

5. Review your message and tap Send.

Reading Messages

When you receive a message, your phone notifies you by displaying the 📬 New message icon in the Status Bar.

To access a new message:

- Drag your finger down from the Status Bar to display the Notification panel, and then tap the message notification to open the message.

- or -

From the Home screen, tap 📬 Message+, and then tap the message to open it.
Replied to Messages

Messages you exchange with another person are displayed as conversations in the Messages app, so you can see all the messages in one place.

1. From the Home screen, tap 📨 Message+.
2. Tap a conversation to display it.
3. Tap the **Type a message** field and then type your reply message.
4. When the message is complete, tap ✉️ Send.

Protecting a Message from Deletion

You can lock a message so that it will not be deleted even if you delete the other messages in the conversation.

1. From the Home screen, tap 📨 Message+.
2. Tap a conversation to display it.
3. Touch and hold the message that you want to lock, and then tap **Lock message** on the pop-up menu. A lock icon displays on the message.

Deleting Messages

1. From the Home screen, tap 📨 Message+.
2. Tap a conversation to display it.
3. Touch and hold the message you want to delete, and then tap Delete message on the pop-up menu. Follow the prompts to confirm the deletion.
Deleting Conversations

You can delete all the messages you’ve exchanged with another person.

1. From the Home screen, tap 📬 Message+.

2. Touch and hold a conversation you want to delete and tap Delete Conversation > Delete.

**Note:** Locked messages will not be deleted unless you select Include protected messages before confirming the deletion.
Learn how to send and receive different messages using the default Messages app on your phone.

Types of Messages
Your default 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 phones or email addresses. To use this feature, you may need to subscribe to your service provider’s message service.

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

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

Creating and Sending Messages
This section describes how to create a send a message using the Messages 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. You can also select the recipient based on Groups, Favorites, or Logs.
3. 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.

4. Enter additional recipients by separating each entry with a semicolon (;) and then using the previous procedure. More recipients can be added at any time before the message is sent.

For the Group option, if the number of recipients is less than 10, all members in the group will be added. You will need to delete any unnecessary members in the list by selecting the trash can icon and deleting unwanted entries.

5. Tap the **Enter message field** and use the onscreen keypad to enter a message. For more information, please see **Entering Text**.

6. Tap 🧑‍ représailles **Add emoticons** to choose an available emoticon from an onscreen list and then add it into your message (at the cursor location) if desired.

7. Review your message and tap 📩 **Send**.

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

---

### Viewing New Messages

When you receive a new message, a preview of the message will appear on the Edge Screen, and a new message icon appears on the Status Bar.

**To view a message:**

1. Tap the message in the Edge Screen to open.

   – or –

   Open the Notification Panel and select the message. For more information, please see **Notification Panel**.

   – or –

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

2. To play a multimedia message (audio or video), tap 🎧 **Play**.

3. To scroll through the list of messages, tap the screen and scroll up or down the page.
Deleting Messages

To delete messages, follow these steps:
1. From a Home screen, tap Apps > Messages.
2. Tap More options > Select.
3. Tap each message you want to delete or tap Select all.
4. Tap Delete.
5. At the Delete conversations prompt, tap Delete to delete or Cancel to cancel.

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, voicemail, and push messages.

► From a Home screen, tap Apps > Messages > More options > Settings.
Emergency Alerts

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

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

There are three types of Emergency Alerts:

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

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

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

1. From a Home screen, tap Apps > Emergency Alerts.
2. Tap More options > Settings > Alert types.
3. All alerts are enabled by default (check mark showing). Tap on an alert option to disable it.
Music Player

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

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.

Using Playlists

Playlists are used to assign songs to a list of preferred media which can be grouped into a list for later playback.

Creating a Playlist

1. From a Home screen, tap Apps > Music.
2. Tap the Playlists tab.
3. Tap More options > Create playlist.
4. Enter a name for this playlist and tap Create.
Adding Music to a Playlist

1. From a Home screen, tap Apps > Music.
2. Tap the Playlists tab.
   - Tap a playlist name, and then tap Add tracks.
   - Select music files to add.
3. Tap Done.

Removing Music from a Playlist

1. From a Home screen, tap Apps > Music.
2. Tap the Playlists tab.
3. Tap the desired playlist name.
4. Tap More options > Remove. Select each track you want to remove from this playlist.
5. Tap Done.

Renaming a Playlist

Besides adding and removing music files in a playlist, you can also rename the playlist.

1. From a Home screen, tap Apps > Music.
2. Tap the Playlists tab.
3. Tap a playlist.
5. Enter a new title for the playlist.
Music Options

The following options may or may not appear depending on whether or not music is actually playing. Also, options will be different if the song you are listening to is in a playlist.

1. From a Home screen, tap Apps > Music.

2. Tap More options for options:
   - **Select**: Select multiple songs to edit or delete.
   - **Cloud**: Add a song to your Verizon Cloud account.
   - **Create playlist**: Create and add music to playlists (only available in the Playlists tab).
   - **Listen via Bluetooth**: Scan for and pair with a Bluetooth headset.
   - **View as**: Display entries as a list or thumbnail.
   - **Music square**: Create a playlist based on mood.
   - **Settings**: Change your Music settings.

### Playback Controls

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
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<tbody>
<tr>
<td>🎧</td>
<td>Streams the current music file to another device via Change player.</td>
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<tr>
<td>🎧</td>
<td>Volume control and SoundAlive.</td>
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<tr>
<td>🔊</td>
<td>Volume control showing volume muted.</td>
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<tr>
<td>✵</td>
<td>Shuffles the current list of songs randomly.</td>
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<tr>
<td>✴</td>
<td>Songs play in order and are not shuffled.</td>
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<tr>
<td>⭐</td>
<td>Assign the current song as a Favorite.</td>
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<tr>
<td>🔁</td>
<td>Plays the entire song list once.</td>
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<td>⚡</td>
<td>Replays the current list when the list ends.</td>
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<td><strong>Playback Controls</strong></td>
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<td></td>
<td>Repeats the currently playing song.</td>
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<td></td>
<td>Touch and hold to rewind the song. Tap to go to previous song.</td>
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<tr>
<td></td>
<td>Pause the song.</td>
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<tr>
<td></td>
<td>Start the song after pausing.</td>
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<tr>
<td></td>
<td>Touch and hold to fast-forward the song. Tap to go to next song.</td>
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<td></td>
<td>Lists the current playlist songs.</td>
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<tr>
<td></td>
<td>Add song to a playlist.</td>
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My Files

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

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

- **Quick Search**: Files are grouped into the following categories:
  - **Recent files**: View recently saved files.
  - **Images**: View image files.
  - **Videos**: View video files.
  - **Audio**: View audio files.

- **Documents**: View document files.
- **Downloaded apps**: View downloaded apps.
- **Download History**: View all apps and files that have been downloaded to the device.
- **Shortcuts**: Contains shortcuts to files or folders that you have added. This option only appears if you have added shortcuts to the My Files main screen.
- **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 the memory card (if installed).
To view files in My Files:
1. From Home, 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 screen of My Files, the following options are available:
► Tap Search, and then enter search criteria.
► Tap More options for these options:
  ● Select: Select shortcuts. This option only appears if you have added shortcuts to the My Files main screen.
  ● Cloud: Connect to Verizon cloud.
  ● Add shortcut: Add a shortcut on the My Files main screen to any folder.
  ● Storage usage: View memory information for your device and memory card (if installed).
  ● Settings: Change the settings for viewing files.

Category Options
After tapping on a category, the following options are available:
► Tap Home to return to the main screen of the My Files app. Tap Search, and then enter search criteria.
► Tap More options to find the following options:
  ● Select: Select files or folders.
  ● Cloud: Connect to Verizon cloud.
  ● Create folder: Add a folder to the current list. This option only appears in Local Storage categories.
  ● View as: Change the appearance of the files or folders.
  ● Sort by: Change the sort order of the files.
• **Add shortcut**: Add a shortcut to the current location on either a Home screen or the My Files main screen. This option only appears in Local Storage categories.

• **Settings**: Change the settings for viewing files.

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**Options for Selected Files and Folders**

> Tap **More options > Select**, select a file or folder, and then use one of these functions:

- **Share via**: Send files to others or share them.
- **Delete**: Delete files or folders.

> Tap **More options** for additional options:

- **Move**: Move files or folders to another folder.
- **Copy**: Copy files or folders to another folder.
- **Rename**: Rename a file or folder. This option only appears when just one file or folder is selected.
- **Add shortcut on Home screen**: Add a shortcut to the file or folder on a Home screen.
- **Zip**: Create a zip folder containing the selected files. This option only appears in Local Storage categories. A selected zip folder has the additional options of **Extract** and **Extract to current folder**.
- **Details**: View details of the selected file(s) or folder(s).
Use S Health to plan, track, and manage your health goals and activities, including exercise, sleep, and meals.

**Note:** This device and related software are not intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment or prevention of disease.

1. From Home, tap Apps > S Health.
2. Read and accept the terms and conditions.
3. Set up your health profile and goals.

**Before You Start Exercising**

This app can be used to monitor your exercise. While moderate physical activity, such as brisk walking, is safe for most people, health experts suggest that you talk with your doctor before you start an exercise program, particularly if you have any of the following conditions:

- Heart disease;
- Asthma or lung disease;
- Diabetes, or liver or kidney disease;
- Arthritis.

You should also check with your doctor if you have symptoms suggestive of heart, lung, or other serious disease, such as:

- Pain or discomfort in your chest, neck, jaw, or arms during physical activity;
- Dizziness or loss of consciousness;
- Shortness of breath with mild exertion or at rest, or when lying down or going to bed;
• Ankle swelling, especially at night;
• A heart murmur or a rapid or pronounced heartbeat;
• Muscle pain when walking upstairs or up a hill that goes away when you rest.

Finally, the American College of Sports Medicine recommends that you see your doctor before engaging in vigorous exercise if two or more of the following apply:

• You are a man older than age 45 or a woman older than age 55;
• You have a family history of heart disease before age 55;
• You smoke or quit smoking in the past six months;
• You have not exercised for three months or more;
• You are overweight or obese;
• You have high blood pressure or high cholesterol.
• You have impaired glucose tolerance, also called prediabetes.

When in Doubt — Check It Out

If you are unsure of your health status, have several health problems, or are pregnant, you should speak with your doctor before starting a new exercise program. Working with your doctor ahead of time is a good way to plan an exercise program that is right and safe for you. Consider it the first step on your path to physical fitness.
The S Note app helps you create, edit, and manage all the notes on your device.

Sign in to your Samsung account or Evernote account to access your notes in S Note from any device.

With S Note, create content by typing, writing, drawing, and even recording voice, video, or taking pictures. Templates are provided to make content creation easy and help keep things organized.

Create a Note

To create a note with S Note:
1. From a Home screen, tap Apps > S Note.
2. Tap Create new note.
3. Use the S Pen to create content.

To use a template:
1. Tap More options > Use new template.
2. When finished, tap Save.
Edit a Note

When in the S Note app, you can edit notes as follows:

1. Tap a note to view it.
2. Tap ✒️ Edit mode to edit the note.

**Note**: When you tap on an Action Memo to view it, you can edit the memo immediately.

Note Tools

When creating or editing a note in S Note, some helpful modes and tools are provided.

**Note**: The available tools are different for Action Memos.

- **Save**: Tap to save the note. The note switches to View mode. To edit the note again, tap the ✒️ Edit button.
- **Handwriting mode**: Write or draw freehand with the S Pen. Tap the Pen icon once to select Handwriting mode. Tap again to change the Pen settings.
- **Eraser mode**: Erase content from the note. Tap once to select the eraser. Tap again to change the Eraser settings.
- **Text mode**: Type text using the keyboard. Tap once to select Text mode. Tap again to change the Text settings.
- **Photo note**: Add a note page by taking a picture. The camera is activated. After you take a picture, crop the image as desired. The cropped image is then added as a page to your current note.
- **Selection mode**: Select content in the note. Tap once to use Selection mode. Tap again to switch between Lasso and Rectangle modes. Draw around the content you wish to select. Depending on the selection, several options are made available to move, edit, or reshape the content.
- **Undo**: Tap to undo the last action.
- **Redo**: Tap to redo the last action.
- **S Pen (and finger) Mode**: Tap to switch between two edit modes: S Pen only and S Pen and finger.
- **More**: Tap to view more options for the note.
Action Memos

An Action Memo is a special type of note that turns your written text into actions on your device. For example, if someone tells you the name of a restaurant, you can launch a new memo, write the name of the restaurant, and then have the memo locate it on a map.

**Note:** While active, an Action Memo stays on the screen for as long as you are using it, even if you press Home. You must tap either ✅ Save or ✗ Discard in order to close the memo.

To open an Action Memo:

- Launch the **Air command** menu and select ☰ **Action Memo**.
- or –

Press and hold the S Pen button and double-tap the screen with the pen.

To link a memo to an action:

1. Write on the memo.
2. Press ☰ **Link to action** and select an action to perform.
3. Draw around the content you want to use for the action. The selected content is boxed and highlighted.
4. On the menu bar that appears, tap the action to take. Options include Phone, Contacts, Messages, Email, Browser, Map, and Task.

For example, you can write a phone number, press the **Link to action** button, and then select Contacts to save the number to an existing contact or create a new contact.

**Note:** Action Memos are saved in the S Note app.
S Voice

Speak commands to perform operations on your device, and to speak criteria for searches and other operations.

Use S Voice to find everything from directions to trivia answers to the current weather forecast.

1. From a Home screen, tap Apps > S Voice.
2. Speak a command.
3. Tap the microphone icon, if the device does not hear you, or to give it another command.

Tip: Tap More options for example commands and to view a tutorial.

S Voice Settings

These settings allow you to modify settings associated with using S Voice.

1. From a Home screen, tap Apps > S Voice.
2. Tap More options > Settings.
3. Tap an option and follow the onscreen instructions.
Scrapbook

The Scrapbook app provides a place for you to manage the multimedia content you capture with the S Pen tools.

Scrapbook provides storage and organization tools for content you capture while using your mobile device. With the S Pen tools, you can capture articles, images, and even videos and music. You can then add a title, text, a handwritten memo, or content tags. When you capture content online, the web link is saved with the content.

Saving Captured Content

When you capture content with the Smart Select tool, you have the option of saving the content to the Scrapbook. For details on capturing content, see Smart Select.

To save content to the Scrapbook from the Collect page:

1. Tap Scrapbook.
2. In the upper left, tap the drop down box to either:
   - Select an existing category.
   - Create a new category by selecting Create category, typing in a name for the category, selecting a layout, and tapping Save.
3. Tap Save to save the content to the Scrapbook.
Editing the Scrapbook

Content in the Scrapbook and be edited.

To open the Scrapbook:
► From a Home screen, tap Apps > Scrapbook.

You can edit both Categories and the content files within them.

To edit a file:

1. Tap the Show categories button in the top left corner.
2. Select either the category or tag that contains the file, or tap All to view all files.
3. Locate the file to edit and tap it to open.
4. Tap Edit.
5. Change the Title, Text, Memo, or Tags as desired. When finished, tap Save.

To edit a Category:

1. Tap the Show categories button in the top left corner. Categories and tags are listed in the menu, along with the number of content files contained.
2. Tap a category to open it.
3. Tap More options > Edit category.
4. You can edit the Title and the Layout. Change them as desired. When finished, tap Done.
Smart Remote lets you control select Wi-Fi-enabled Samsung TV models using your Samsung Galaxy device. Now you can control all of your TV’s settings, such as ON/OFF function, channel navigation, and volume control from the same Samsung device you already know.

1. From a Home screen, tap Apps > Smart Remote.

2. Follow the onscreen instructions to set up and configure your entertainment equipment.
Video Player

Play videos stored on your device.

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 Play

Multi task with Pop-Up Play—transform 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 More options > 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.
Voice Recorder

Record voice memos and notes.

Create a Voice Recording

► From a Home screen, tap Apps > Voice Recorder.

- Tap More options > Settings > Recording quality to adjust the recording quality.

- Tap Select mode to choose the appropriate recording mode:
  - Normal: Normal recording mode picks up any sounds detected by the microphones.
  - Interview: The top and bottom microphones are used for two-directional recording. The top and bottom of the device pick up equal amounts of sound. Sound sources can be muted during playback.
  - Meeting: The microphones are sensitive to sound from all directions and can distinguish up to eight sources of sound. Sound sources can be muted during playback.
  - Voice memo: Voice input is converted to text onscreen. The maximum recording time is five minutes.

- Tap Record to record an audio file.
- Tap Stop to stop recording. The file is automatically saved.
- Tap Pause to pause the recording of an audio file.
- Tap Cancel to cancel the recording of an audio file.
- Tap Block incoming calls to prevent calls from interrupting recording.
- Tap Bookmark to bookmark a spot in the recording for later reference.
View Recordings

1. From a Home screen, tap Apps > Voice Recorder.

2. Tap List to display a list of recordings.
   - Tap Search to search through available recordings.
   - Tap More options:
     - Select: Choose desired recordings to share, delete, change category, rename, and so on.
     - Sort by: Sort the list of recordings.
     - Filter by category: Filter entries by category.
     - Edit categories: Customize your categories.
     - Settings: Configure Voice Recorder.
Settings

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

- Some options are enabled or disabled by tapping the ON/OFF button to turn the option ON or OFF.
- For some options, you must tap a field, such as Email address, to display and set options.
- Some options are enabled or disabled by tapping a check box. When enabled, a check mark displays.

Accessing 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.
Airplane Mode

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

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

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

2. Tap Airplane mode, and then tap the ON/OFF switch to enable or disable the option.

Note: You can also control Airplane mode from the Device options menu. Press and hold the Power/Lock key, and then tap Airplane mode.
Wi-Fi and Wi-Fi Direct

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

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

Turning 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 the ON/OFF switch beside Wi-Fi to turn Wi-Fi on or off.

Scan and Connect to a Wi-Fi Network

1. From a Home screen, tap \_apps\ > \Settings\.
2. Tap Wi-Fi, and then tap the network you want to connect to.
   - When you select an open network, you are automatically connected to the network.
   - Enter a wireless password, if necessary.
Manually Connect to a Wi-Fi Network

1. From a Home screen, tap Apps > Settings.
2. Tap Wi-Fi > Add Wi-Fi network.
3. Enter information about the Wi-Fi network:
   - Tap Network SSID to enter the name of the Wi-Fi network.
   - Tap the Security field and select a security option. This must match the current security setting on your target WAP. If secured, you will also need to enter your WAP’s password.
   - Tap Show advanced options, if you need to add advanced options such as Proxy and IP settings.
4. Tap Connect to store the new information and connect to your target WAP.

Wi-Fi Status Indicators

The following icons show your current Wi-Fi connection status at a glance:

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

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

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

2. Tap ON/OFF to turn on Wi-Fi.

3. Tap More options for options:

   - **Scan**: Start another scan for nearby Wi-Fi networks.
   - **Wi-Fi Direct**: Configure a Wi-Fi Direct connection with a nearby device.
   - **Advanced**:
     - **Wi-Fi notifications**: Receive a notification when new Wireless Access Points (WAPs) are available.
     - **Passpoint**: Connect to passpoint-enabled Wi-Fi Access Points automatically. Tap to enable Passpoint. Tap Passpoint to see other available Passpoint-enabled Wi-Fi APs.
     - **Sort by**: Sort Wi-Fi networks by Alphabet or Signal strength.
     - **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.
     - **Smart network switch**: Automatically switch between mobile data and Wi-Fi to maintain a stable Internet connection.
     - **Install certificates**: Install authentication certificates.
     - **MAC address**: View your device’s MAC address, which is required when connecting to some secured networks (not configurable).
     - **IP address**: View your device’s IP address (not configurable).
   - **Manage networks**: Manage your saved Wi-Fi network connections.
- **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).

- **Share Wi-Fi profile**: Select the profile you would like to share.

- **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 the ON/OFF switch beside Wi-Fi to turn Wi-Fi on. Wi-Fi must be on to configure settings.

3. Tap **More options > Wi-Fi Direct**. Your device automatically scans for nearby Wi-Fi Direct devices, or you can tap **Scan** to start scanning.

4. After scanning for devices, select a device, and then follow the prompts to complete the connection.
   - Tap **More options > Multi connect** to scan for devices that support multi connect. Select the devices and follow the prompts to establish the connections.
   - To rename your device (as seen by other devices), tap **More options > Rename phone**.

**Wi-Fi Direct Status Indicator**

Displays when connected to another device using Wi-Fi Direct.
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.

Turning Bluetooth On or Off

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

Changing Your Device’s Name

Device names are used to identify devices during pairing, and when using Wi-Fi Direct or other Wi-Fi based features. This is the name others will use when pairing with your device via Bluetooth.

1. From a Home screen, tap Apps > Settings.
2. Tap Bluetooth > More options > Rename phone.
3. Tap Device name, and use the keyboard to edit your device name.
Making Your Device Visible to Other Bluetooth Devices

When you make your device visible, other Bluetooth can find it in a scan and initiate pairing. You can choose the length of time your device remains visible.

1. From a Home screen, tap Apps > Settings.
2. Tap Bluetooth > More options > Visibility timeout.
3. Select a time period for your device to remain visible after you turn on visibility.

Reviewing Files Received via Bluetooth

When you receive files from another device via Bluetooth, you can access them from Bluetooth settings.

1. From a Home screen, tap Apps > Settings.
2. Tap Bluetooth > More options > Received files.

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 the ON/OFF switch to turn on Bluetooth.
3. Tap Scan. Nearby devices display on the screen.
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 the ON/OFF switch 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 (Unpairing)

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

1. From a Home screen, tap Apps > Settings > Bluetooth.
2. Tap 🔄 next to the previously paired device, and then tap Unpair to delete the paired device.
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.

2. Tap Data usage for options:

   - **Mobile data**: Enable mobile data. You can also control Mobile Data at the Notification panel.

   - **Limit mobile data usage**: When enabled, your mobile data connection will be disabled when the specified limit is reached. Drag the red limit line to set the data usage limit.

   - **Alert me about data usage**: Receive an alert when mobile data usage reaches the warning limit you set. Drag the orange warning line to set the data usage warning limit.

3. Tap More options for other options:

   - **Data roaming**: Allow data roaming on your device.

   - **Restrict background data**: Restrict some apps and services from working unless you are connected to a Wi-Fi network.

   - **Auto sync data**: Synchronize with accounts automatically, at any time.

   - **Show Wi-Fi usage**: Display a Wi-Fi tab that shows Wi-Fi usage.
- **Mobile hotspots**: 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.

- **Show units**: Use MB/GB units, or use only MB or GB units.

- **Help**: Find information about how to use the Data usage feature.
More Networks

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

Download Booster

Download Booster improves download speed by using both Wi-Fi and LTE networks at the same time when downloading files over 30 MB in size.

1. From a Home screen, tap Apps > Settings > More networks.
2. Tap Download booster, and then tap ON/OFF to turn Download Booster on or off.

Note: Download Booster uses mobile data services.

If you want to turn off download speed info, tap the check box next to Do not show speed info.

Default Messaging App

Your mobile device can be equipped with more than one application for text and multimedia messaging. To select a default messaging app:

1. From a Home screen, tap Apps > Settings.
2. Tap More networks > Default messaging app to select the app to use for text and multimedia messages.
Mobile Networks
You can control your device’s access to networks and mobile data services.

**Caution**: Depending on your service plan, changes you make to mobile networks settings may incur extra charges. Consult Verizon Wireless for information.

1. From a Home screen, tap Apps > Settings > More networks.

2. Tap **Mobile networks** for options:
   - **Mobile data**: Enable or disable your device’s connection to the mobile data network. You can also control this setting at Notifications with the Mobile data setting.
   - **Data Roaming Access**: Enable or disable connection to data services when your device is roaming on another network.
   - **Roaming**: (Not configurable) Current roaming status.
   - **Signal strength**: (Not configurable) Current signal strength.
   - **Network mode**: Choose a preferred network mode.
   - **Access Point Names**: Configure wireless network access.
   - **Network operators**: Select a network from all available networks, to automatically select a network from your preferred networks.
Mobile Hotspot

Use Mobile Hotspot to share your device’s Internet connection with other devices using your device as a Mobile Hotspot.

Note: Mobile Hotspot may require a subscription to Mobile Hotspot/Mobile Broadband Connect service. For more information, contact Verizon Wireless.

Warning: 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.

Turn Mobile Wi-Fi 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 > More networks > Mobile Hotspot.
2. Tap ON/OFF to turn Mobile Hotspot on or off.

Warning: By default, your device’s Mobile Hotspot has no security applied, and any device can connect. To set a password for your Mobile Hotspot, see Change the Mobile Hotspot Password.

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 > More networks > Mobile Hotspot.
2. Tap ON/OFF to turn Mobile Hotspot on.
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.

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

**Change the Mobile Hotspot Password**

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

**Turn Off Mobile Wi-Fi Hotspot Automatically**
Set your device to automatically turn off Mobile Wi-Fi hotspot if there are no connected device.

1. From a Home screen, tap Apps > Settings > More networks > Mobile Hotspot.
2. Tap ON/OFF to turn Mobile Hotspot on.
3. Tap More options > Timeout settings and select an amount of time.
Tethering

Use Tethering to share your device’s Internet connection with a computer that connects to your device with a USB cable or by Bluetooth.

1. From a Home screen, tap Apps > Settings > More networks > Tethering.

2. 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.
   - Bluetooth tethering: Use Bluetooth to pair your device with the computer. (Consult the computer’s documentation for more information about configuring your computer to pair with Bluetooth.) Tap Bluetooth tethering to turn tethering on.

Virtual Private Networks (VPNs)

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

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

Adding a VPN

1. From a Home screen, tap Apps > Settings > More networks > VPN.

2. Tap Basic VPN or Advanced IPSec and follow the prompts to set up your VPN.

Connect to a VPN

1. From a Home screen, tap Apps > Settings > More networks > VPN.

2. Tap either Basic VPN or Advanced IPSec.

3. Tap the VPN you want to connect to, enter your login information, and tap Connect.
**Edit or Delete a VPN**

1. From a Home screen, tap Apps > Settings > More networks > VPN.

2. Tap either Basic VPN or Advanced IPSec.

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

4. Tap either Edit network or Delete network.

**NFC**

NFC (Near Field Communication) allows data exchange when you touch your device with another compatible device. This is used for applications such as Android Beam and S Beam.

**To activate NFC:**

1. From a Home screen, tap Apps > Settings > More networks > NFC.

2. Tap ON/OFF to turn NFC on.
**Android Beam**

When Android Beam is activated, you can beam app content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more.

1. From a Home screen, tap Apps > Settings > More networks > NFC.
2. Tap ON/OFF to turn NFC on.
3. Tap ON/OFF to turn Android Beam on.
4. Touch the back of your device with another NFC-capable device and the content is transferred.

**S Beam**

When S Beam is activated, you can beam files to another NFC-capable device by holding the devices close together.

You can beam images and videos from your Gallery, music files from your Music app, and more.

1. From a Home screen, tap Apps > Settings > More networks > NFC.
2. Tap ON/OFF to turn NFC on.
3. Tap ON/OFF to turn S Beam on.
4. Touch the back of your device with another NFC-capable device and the content is transferred.
Tap and Pay

Tap and pay allows you to select the default payment application you want to use for making on-phone purchases.

1. From a Home screen, tap Apps > Settings > More networks > NFC.
2. Tap ON/OFF to turn NFC on.
3. Tap Tap and pay.
4. Select the app that you want as your default.

Nearby Devices

Share your media files with nearby devices via Wi-Fi. **Warning:** If file sharing is enabled, other devices can access your data. Use this option with care.

1. From a Home screen, tap Apps > Settings > More networks > Nearby devices.
2. Tap ON/OFF to enable Nearby devices.
3. Set the following options:
   - **Content to share:** Select the content to share. Choices are: Videos, Photos, and Music.
   - **Allowed devices:** Indicate the devices accessible to your device.
   - **Blocked devices:** Indicate the devices not accessible to your device.
   - **Download to:** Set whether to download data to Device or SD card.
   - **Receive files from other devices:** If a nearby device attempts to upload data, this setting indicates the response.
Screen Mirroring
Share your device’s screen with another device.

1. From a Home screen, tap Apps > Settings > More networks > Screen Mirroring.
2. Tap ON/OFF to enable Screen Mirroring. Available devices are listed.
   • Tap Scan to find more devices.
3. Tap a device and follow the prompts to connect.

MirrorLink
Mirror your device’s display on your car’s entertainment and information screen using a USB connection.

To use this feature, your car system must support MirrorLink.

To turn on MirrorLink:
1. Connect your device to your car’s system using the USB cable.
2. On your device’s Home screen, tap Apps > Settings > More networks > MirrorLink.
3. Tap Connect to vehicle via USB.
Sound Settings

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

Change the Sound Mode

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

Tip: Sound modes are also available from the Device options menu. Press and hold the Power/Lock key, and then choose Mute, Vibrate, or Sound from the Device options menu.

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

2. Tap Sound > Sound mode, and then choose a mode:
   - Sound: Your device uses the sounds, vibrations, and volume levels you’ve 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 plays no sounds or vibrations. Onscreen reminders will still occur.
Adjust the Volume

Set the system volume level, and set default volume for notifications and other media.

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 Sound > Volume, and then drag the sliders to set the default volume for:
   - Ringtone
   - Music, video, games and other media
   - Notifications
   - System

Set the Vibration Intensity

Set the level for vibration to accompany notifications and feedback for your screen touches, also known as haptic feedback.

1. From a Home screen, tap Apps > Settings.
2. Tap Sound > Vibration intensity, and then drag the sliders to set the vibration intensity for:
   - Incoming call
   - Notifications
   - Haptic feedback
Select a Default Ringtone

Choose a ringtone sound.

1. From a Home screen, tap Apps > Settings.
2. Tap Sound > Ringtones to choose a sound.
3. Tap a sound to play a sample and tap Done to select it.

– or –

Tap Add to use an audio file as a ringtone.

Select a Default Vibration Pattern

Choose from preset vibration patterns or create your own pattern.

1. From a Home screen, tap Apps > Settings.
2. Tap Sound > Vibrations.
3. Tap a pattern to preview it, and then tap OK to set it as your default vibration pattern.

– or –

Tap Create and follow the prompts to create a new vibration pattern.
Change the Notifications Sound
Choose a sound for notifications, such as for new messages and event reminders.

1. From a Home screen, tap Apps > Settings.
2. Tap Sound > Notifications to choose a sound.
3. Tap a sound to play a sample and tap Done to select it.
   – or –
   Tap Add to use a use an audio file.

Vibrate When Ringing
Your device can vibrate in addition to ringing when you receive a call.

1. From a Home screen, tap Apps > Settings.
2. Tap Sound > Vibrate when ringing to turn the feature on.

Play Tones When Entering a Phone Number
Play tone when the dialing keypad is tapped.

1. From a Home screen, tap Apps > Settings > Sound.
2. Tap Dialing keypad tone to turn the feature on.

Play Tones When Touching or Tapping the Screen
Play tones when you touch or tap the screen to make selections.

1. From a Home screen, tap Apps > Settings.
2. Tap Sound > Touch sounds to enable.
Set the Screen Lock Sound
Play a sound when you unlock the screen.
1. From a Home screen, tap Apps > Settings.
2. Tap Sound > Screen lock sound to enable.

Use Haptic Feedback
Set the device to vibrate when you tap More options and Recent apps, and for certain screen interactions.
1. From a Home screen, tap Apps > Settings.
2. Tap Sound > Haptic feedback to enable.

Select an Emergency Tone
Set an alert tone or vibration when receiving an emergency message.
1. From a Home screen, tap Apps > Settings.
2. Tap Sound > Emergency tone and select Off, Alert, or Vibrate.

Set Samsung Keyboard Sounds
Set the keyboard sounds.
1. From a Home screen, tap Apps > Settings.
2. Tap Sound for options:
   - Sound when tapped: Play a tone when you tap an onscreen key.
   - Vibrate when tapped: Vibrate when you tap an onscreen key.
Display Settings

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

1. From a Home screen, tap Apps > Settings.
2. Tap Display > Brightness for options:
   - Tap Automatic brightness to allow the device to adjust brightness automatically.
   - To set a custom brightness level, clear the Automatic brightness check mark and then tap and drag the Brightness level.

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.

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

1. From a Home screen, tap Apps > Settings.
2. Tap Display > Font to choose a font style and font size.
3. Tap Font style > Download to find new fonts from the Google Play Store.

Screen Rotation
Set the screen to rotate when the device is rotated (landscape or portrait).

1. From a Home screen, tap Apps > Settings.
2. Tap Display > Screen rotation to turn screen rotation on.
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.
2. Tap Display > Smart stay to enable.

Set the Screen Timeout Delay

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

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

Select a Screen Mode

Choose a screen mode to match your type of viewing. Set your 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.
2. Tap Display > 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.
- To choose a specific type of display, enable AMOLED cinema, AMOLED photo, or Basic.
**Auto Adjust the Screen Tone**

Your device will analyze the images displayed on the screen and automatically adjusts the brightness to conserve battery power.

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

**Daydream (Screen Saver)**

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

1. From a Home screen, tap Apps > Settings.
2. Tap Display > Daydream. Tap ON/OFF to turn Daydream on. Configure options:
   - **Colors**: Tap the selector to display a changing screen of colors.
   - **Flipboard**: Display pictures from Flipboard. Tap Settings for options.
   - **Google Photos**: Display pictures from your Google Photos account. Tap Settings for options.
   - **Photo Frame**: Display pictures in a photo frame. Tap Settings for options.
   - **Photo Table**: Display pictures in a photo table. Tap Settings for options.
3. Tap Preview to see a demonstration of Daydream.
4. Tap Select when to daydream and choose While docked, While charging, or Both.
Configure the LED Indicator
Select which functions (such as charging or low battery) the LED indicator on the front of the device will display.

1. From a Home screen, tap Apps > Settings.
2. Tap Display > LED indicator to enable this feature.

Set the Touch Key Light Duration
Set the length of time Recent apps and Back remain lit after you tap them.

1. From a Home screen, tap Apps > Settings.
2. Tap Display > Touch key light duration to choose a timeout period.

Increase the Touch Sensitivity of the Screen
Increase the sensitivity of the touch screen to improve results when wearing gloves.

1. From a Home screen, tap Apps > Settings.
2. Tap Display > Increase touch sensitivity to enable.
Wallpaper

Change the look of the home and lock screens with wallpaper.

You can display a favorite picture or choose from preloaded wallpapers.

1. From a Home screen, tap Apps > Settings.
2. Tap Wallpaper.
3. Tap Home screen, Lock screen, or Home and lock screen.
4. Tap an image to preview it and then tap Set as wallpaper.
   - Tap From gallery for additional wallpapers.

For more information, see Change the Wallpaper.
Lock Screen

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

Set a Screen Lock

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

2. Tap Lock screen > Screen lock 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.
   - **Fingerprint**: Use fingerprint recognition to unlock the screen. This option provides medium to high security.
   - **None**: Never lock the screen.

Screen Lock Types

**Swipe**
- Show information
- Camera shortcut
- Action memo on lock screen
- Unlock effect
**Pattern**
- Show information
- Pattern type
- Camera shortcut
- Action memo on lock screen
- Make pattern visible
- Vibration feedback
- Lock automatically
- Lock instantly with power key
- Auto factory reset

**PIN, Password, and Fingerprint**
- Show information
- Camera shortcut
- Action memo on lock screen
- Lock automatically
- Lock instantly with power key
- Auto factory reset

**Screen Lock Options**
Depending on the screen lock type, the following options are available:

- **Action memo on lock screen**: Enable action memos using the S Pen while in a Lock screen.
- **Auto factory reset**: If you attempt to unlock your phone incorrectly 10 times, it will be reset to factory settings. All data, including files and downloaded apps, will be deleted.
• **Camera shortcut**: Display a camera shortcut on your Lock screen.

• **Lock automatically**: Set a time period in which the phone screen will be locked after it automatically turns off.

• **Lock instantly with power key**: Press the Power key to instantly lock the phone screen.

• **Make pattern visible**: See the pattern as you draw it.

• **Pattern type**: Select a pattern type.

• **Show information**: Choose options to display information on the Lock screen.
  
  — **Show clock and date**: Display the time and date on the Lock screen.
  
  — **Dual clock**: Display a dual clock on your Lock screen when roaming.
  
  — **Clock size**: Adjust the size of the clock on your Lock screen.

  — **Owner information**: Show owner information on the lock screen.

  — **Unlock effect**: Set the visual effect used when unlocking the screen.

  — **Vibration feedback**: Vibrate when the unlock pattern is entered incorrectly.
Multi Window Settings

*Turn on the Multi window feature.*

**To activate Multi window:**

1. From a Home screen, tap `Apps > Settings > Multi window`.
2. Tap `ON/OFF` to enable. The following options are available:
   
   - **Open in split screen view:** Open content in split screen view automatically when another application is in full screen view.
   
   - **Pop-up view shortcut:** Change to pop-up view by swiping down diagonally from the top corner of the screen, opposite the Edge screen.

For more information, see [Multi Window](#).
Notification Panel

Customize which Quick setting buttons appear on the Notification Panel.

1. From a Home screen, tap **Apps > Settings > Notification panel.**
   - or –
   From the Notification panel, tap **View all > Edit.**

2. To customize which quick setting buttons appear at the top of the Notification Panel, tap and drag buttons to reorder them.

3. Tap **Reset** to use the default layout.

For more information on the Notification panel:
► Tap **More options > Help.**
Manage the panels that display on the Edge Screen, including your own custom panels, and set up night mode.

► From a Home screen, tap Apps > Settings > Edge Screen.

– or –

Touch the bottom of the Edge Screen, swipe upward, and then tap Settings.

Manage Panels

Check the panels that you want to display on the Edge Screen. Touch and hold, and then drag to move panels to reorder them.

► From a Home screen, tap Apps > Settings > Edge screen > Manage panels.

- Tap Edit at the bottom of a panel to edit that panel.
- Tap Download to find new panels.
Express Me

1. From a Home screen, tap Apps > Settings > Edge screen > Express me.

2. Tap + Create new to launch the Gallery app and create a new Edge Screen panel.

   – or –

   Tap Edit to update an Edge Screen panel.

   • Images: Tap an image to select it.
   • Handwriting: Create something handwritten for your Edge Screen.
   • Text: Type something for your Edge Screen.
   • Effect: Add effects to your Edge Screen.

3. Tap More options > Select and tap the check box above panels to select them for the following options:

   • Share via: Share the selected items by using one of the displayed methods.
   • Delete: Delete the selected panels.

Information Stream

To configure display options:

1. From a Home screen, tap Apps > Settings > Edge screen > Information stream.

2. Tap the options to configure:

   • **Screen timeout**: Select a length of time for your screen timeout.
   • **Information stream**: Select which notifications are shown on the Information stream panel.
   • **Feeds**: Choose and customize feeds to display on your Edge Screen.
Night Clock
Set up a clock that displays when the phone screen is off. Night mode is available for a maximum of 12 hours.

1. Tap ON/OFF to enable Night mode.
2. Tap Set start time and Set end time to set the duration of the night mode.

Edge Screen Text
Type a personal message to display on the Edge Screen.

1. From a Home screen, tap Apps > Settings > Edge screen > Edge screen text.
2. Type the message you want to display.
3. Tap OK.

Edge Screen Timeout
Set an Edge Screen timeout value:

1. From a Home screen, tap Apps > Settings > Edge screen > Edge screen timeout.
2. Select a timeout value.

Use Edge Screen On Left
You can set the Edge Screen to rotate when the device is rotated 180°.

1. From a Home screen, tap Apps > Settings > Edge screen.
2. Tap Use Edge screen on left to enable this feature.

For more information, tap More options > Help.
One-Handed Operation

Change the screen layout to accommodate operating your device with one hand.

To enable One-handed operation features:
1. From a Home screen, tap Apps > Settings > One-handed operation.
2. Tap any of the following features and tap ON/OFF for each to turn it on or off:
   - Reduce screen size: Reduce the screen size so that you can reach all parts of the screen with one hand.
   - One-handed input: Adjust the size and position of the dialing keypad, in-call buttons, Samsung keyboard, Calculator, and unlock pattern (if configured).
   - Side key panel: Activate a panel of buttons that includes Home, Recent apps, and Back. The panel appears at the side of the screen. When enabled, you can customize the following:
     - Transparency
     - Quick minimize
     - Manage keys
Storage

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

Device Memory

View and manage the memory used by the device.

1. From a Home screen, tap Apps > Settings.
2. Tap Storage.
   - The Device memory displays as Total space, Cached data, Miscellaneous files, and Available space.
   - The amount of memory used by applications, pictures and videos, audio, and downloads is also displayed.

To increase available memory:
1. Tap Cached data to clear all cached data for all apps.
2. Tap Miscellaneous files, select unnecessary files (or tap Select all), and then tap Delete.
Memory Card (SD Card)

Once a 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 a microSD or microSDHC card (not included) to add additional memory space to your device.

1. Remove the back cover. For more information, see Remove the Back Cover.
2. Carefully slide the microSD card into the slot with the gold contacts facing down.
3. Replace the back cover. For more information, see Replace the Back Cover.

Unmount an SD Card

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

Unmounting an SD card may stop some applications from functioning until you mount the SD card again.

1. From a Home screen, tap Apps > Settings.
2. Tap Storage > Unmount SD card.
Remove a Memory Card

**Warning:** To prevent damage to information stored on the memory card (not included), unmount the card before removing it from the device.

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

Formatting a Memory Card

**Warning:** When formatting an memory card (not included), you will want to backup 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.
Battery

View how battery power is used for device activities.

1. From a Home screen, tap Apps \(\rightarrow\) Settings.

2. Tap Battery for options:
   - **Fast charging**: Enable this option to charge your battery faster.
   - **Show battery percentage**: Display the battery charge percentage next to the battery icon on the Status Bar.
   - **Charging status**: Display the current charging status as a percentage (or “Not charging” if the device is not currently being charged).

Battery Chart
Display the amount of time the battery has been used.

Apps and OS Usage
Battery usage displays in percentages per application.

1. Tap Screen, Android System, Android OS, or an app to view how they are affecting battery use.

2. Tap Refresh to update the listing.

**Note**: Other applications may be running that affect battery use.
Power Saving Mode

Conserve battery power by automatically adjusting the screen brightness, limiting the performance of the CPU, and other power reduction activities.

Ultra power saving mode saves even more battery power by using a gray scale theme on your home screen and limiting the number of usable apps.

1. From a Home screen, tap Apps > Settings.
2. Tap Power saving for options:
   - Power saving mode: Tap ON/OFF to enable, and view options.
   - Ultra power saving mode: Tap ON/OFF to enable, and view options.

To turn off Ultra power saving mode:
1. Swipe downward from the top of the screen to display the Notification Panel.
2. Tap Turn off Ultra power saving mode.
Use the Application manager to manage the system requirements of your applications. You can also configure your Default application settings.

Application Manager
You can download and install new applications on your device. Use the Application manager to configure 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, end-users operate these devices at their own risk.

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

1. From a Home screen, tap Apps > Settings.
2. Tap Applications > Application manager.
3. Tap DOWNLOADED, SD CARD, RUNNING, or ALL tabs to display memory usage for that category of applications.

The graph at the bottom of the DOWNLOADED tab shows used and free device memory. The graph at the bottom of 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 options > Sort by size or Sort by date.
   - To reset your application preferences, tap More options > Reset app preferences.
   - To uninstall multiple applications, tap More options > Uninstall multiple.

3. Tap an application to view and update information about the application, including memory usage, default settings, and permissions.
   - 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: Delete the application from the device.
   - Move to SD card: Move this app to your microSD card.
   - Clear data: Clear application data from memory.
   - Clear cache: Clear an application's temporary memory storage.
   - Clear defaults: Clear an application's customization.
   - Permissions: View information about the application's access to your device and data.
SD Card
Displays apps you have downloaded onto your memory card (not included).
1. From a Home screen, tap Apps > Settings.
2. Tap Applications > Application manager.
3. Tap SD CARD to view a list of all the downloaded applications on your SD card.
   - To switch the order of the SD CARD list, tap More options > Sort by size or Sort by date.
   - To reset your application preferences, tap More options > Reset app preferences. (When you Reset app preferences, you will not lose any app data.)
   - To uninstall multiple applications from the SD card, tap More options > Uninstall multiple.
4. 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.
2. Tap Applications > Application manager.
3. Tap RUNNING.
4. Tap Show cached processes to display all the cached processes that are running. Tap Show services in use to switch back.
5. Tap one of the applications to view application information. (Options vary by application.)
   - Stop: Stops the application from running on the device. This is usually done prior to uninstalling the application.

Warning: Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.
Default Applications

Set and manage your default applications.

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

2. Tap Applications > Default applications.

3. Tap Home and select a Home screen mode:
   - TouchWiz easy home: Provides an easier user experience for the first-time smartphone user.
   - TouchWiz home: The Home screen that originally displays on your phone.

4. Tap Messages and select a default messaging app.

5. To clear defaults you have set up, tap Clear.

Applications Settings Shortcuts

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

To quickly access the settings for Calendar, Contacts, Email, Gallery, Internet, or S Voice:

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

2. Tap one of the following to display the settings for the selected app:
   - Calendar: See Calendar Settings.
   - Call: See Call Settings.
   - Contacts: See Contact Settings.
   - Email: See Email Settings.
   - Gallery: See Gallery Settings.
   - Internet: See Internet Settings.
   - Messages: See Messages Settings.
Easy Mode

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

To enable Easy Mode:

1. From a Home screen, tap Apps > Settings > Easy mode.

2. Tap Easy mode to enable this feature.
   When Easy mode is enabled, you can scroll down the page and select which apps you want to appear on the Home screens. Tap the check box next to the apps you want to add or remove.

3. When finished, tap Done.
Blocking Mode

**Turn off notifications for selected features.**

1. From a Home screen, tap Apps > Settings.
2. Tap Blocking mode.
3. Tap ON/OFF to enable.
4. Configure options:
   - Tap Block incoming calls to block incoming calls.
   - Tap Turn off notifications to block all notifications.
   - Tap Turn off alarm and timer to block all alarms.
   - The Set time option allows you to set Blocking mode for a specific time range or always.
     - Tap the Always field to disable it and configure the From and To time fields.
   - The Allowed contacts options allows you to choose which calls to allow while in Block incoming calls mode.
     - Select from Allowed contacts, Allowed contact list, and Allowed contact groups to customize.

**Note:** When Blocking Mode is enabled, ☹ displays in the Status Bar.
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, Fingerprint, or Password) is required to use Private Mode.

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**Set Up Private Mode**

1. From a Home screen, tap 📲 Apps > 🎯 Settings.
2. Tap **Private mode**.
3. Follow the prompts to learn about and set up Private mode.
Location Services

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

E911
This is a view only field. You cannot turn off E911 Location on any cell phone. E911 location service is standard on all mobile phones to allow sharing of your GPS location with emergency personnel when you make a call to emergency services (such as 911). This setting is not configurable.

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

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

1. From a Home screen, tap Apps > Settings > Location.
2. Tap ON/OFF to enable Location services.
3. Tap an entry to view the app’s settings.

Location Reporting

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

1. From a Home screen, tap Apps > Settings > Location.
2. Tap ON/OFF to enable Location services.
3. Tap Google Location Reporting for options:
   - **Location Reporting**: Allow Google apps to use your device’s most recent location data.
   - **Location History**: Allow Google to store a history of your location data. Tap DELETE LOCATION HISTORY to permanently delete your location history.
My Places

You can save your favorite locations for use with services that require location information. This information can improve your search results and other location-related activities.

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

2. Tap ON/OFF to enable Location services.

3. Tap My places.

4. Tap a category to add a location:
   - Tap Add to add additional categories.
   - Tap More options > Select and choose the custom categories you want to delete. Then tap Delete to delete a custom category. (Home, Work, Car, School, and Gym cannot be deleted.)
Secure your device and protect your data with Security settings.

Phone Administration

Manage your device administrators and application installation privileges.

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

2. Tap Security for options:
   - **Phone administrators**: Add or remove administrators.
   - **Unknown sources**: Enable installation of non-Google Play apps.
   - **Verify apps**: Block or warn before installing apps that may cause harm.

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

Encrypt Your Data

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

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

2. Tap Security for options:
   - Tap *Encrypt phone* and follow the prompts to encrypt all data on your device.
   - Tap *Encrypt external SD card* to enable the encryption on SD card data that requires a password be entered each time the microSD card is connected.

   **Note**: Make sure your battery is charged more than 80 percent. Encryption takes an hour or more.
Locate a Lost Device

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

**Note:** You must sign up for a Samsung account and enable Google location service to use Remote controls.

1. From a Home screen, tap ⚫️ Apps > ⚫️ Settings > Security.
2. Tap Remote controls and tap ON/OFF to enable.
3. Tap SIM change alert to set up an alert when a different, unregistered SIM is activated on the device.
4. Tap Go to website to manage your Find My Mobile account.
5. To prevent your device from being reactivated after being reset, tap Reactivation lock.

Finding Your Phone

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

Lock Your SIM Card

Prevent another user from accessing information stored on your SIM card by requiring a PIN (Personal Identification Number) code.

Your device will ask for a PIN number each time you access data stored on the SIM card.

1. From a Home screen, tap ⚫️ Apps > ⚫️ Settings.
2. Tap Security > Set up SIM card lock.
3. Tap Lock SIM card and enter a PIN code.
   - Tap Change SIM PIN to use a different PIN.

View Passwords

Display password characters briefly as you type them.

1. From a Home screen, tap ⚫️ Apps > ⚫️ Settings.
2. Tap Security > Make passwords visible to enable.
Security Update Service
Automatically receive security updates.
1. From a Home screen, tap Apps > Settings.
2. Tap Security for options:
   - **Security policy updates**: Automatically or manually check for security policy updates.
   - **Send security reports**: Send security reports to Samsung via Wi-Fi for threat analysis.

Credential Storage
Manage your security certificates. If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.
1. From a Home screen, tap Apps > Settings.
2. Tap Security for options:
   - **Storage type**: Select a storage location for credential contents.
   - **Trusted credentials**: Display certificates in your device’s ROM and other certificates you have installed.
   - **Install from device storage**: Install a new certificate from storage.
   - **Clear credentials**: Erase the credential contents from the device and reset the password.
Finger Scanner

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.

Register a Fingerprint

You can register up to 3 fingerprints. A password will also set up as an alternative to your fingerprint.

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

2. Tap Finger Scanner > Fingerprint manager.

   - Follow the instructions to register a fingerprint and password.
   
   - To rename a fingerprint, touch and hold the fingerprint, and then tap Edit.
   
   - To delete a fingerprint, touch and hold the fingerprint, and then tap Delete.
Change Your Alternative Password

1. From a Home screen, tap Apps > Settings.
2. Tap Finger Scanner > Change backup password.
3. Enter your fingerprint or password.

Additional Settings

1. From a Home screen, tap Apps > Settings.
2. Tap Finger Scanner for options.
   - **Screen lock**: Change your Screen lock and access Screen lock settings. For more information, see Lock Screen.
   - **Web sign-in**: Sign in to websites by placing any of your registered fingers over Home.
   - **Verify Samsung account**: Verify your identity using your fingerprint when logging in to your Samsung account.
   - **Pay with PayPal**: Link your PayPal account to your device to make faster and more secure PayPal payments using any of your registered fingerprints.
Language and Input Devices

Configure your device’s language and input device settings.

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

Select Your Default Keyboard or Input Method
1. From a Home screen, tap Apps > Settings.
2. Tap Language and input > Default and select a keyboard.

Note: Additional keyboards can be downloaded from the Google Play Store.

Samsung Keyboard Settings
1. From a Home screen, tap Apps > Settings.
2. Tap Language and input.
3. Tap ⚙️ next to Samsung keyboard for options:
   - **Select input languages:** Choose which languages are available on the keyboard. To switch between languages, slide the space bar sideways.
   - **Predictive text:** Allow Predictive text to suggest words matching your text entries, and, optionally, complete common words automatically. Predictive text can learn your personal writing style from your Contacts, Gmail, and social networking sites—improving its accuracy of predicting your text entries.
   - Additional keyboard settings provide assistance with capitalization, punctuation, and much more.
Swype Keyboard Settings
Configure options for using the Swype keyboard.
1. From Home, tap Apps > Settings.
2. Tap Language and input.
3. Tap  next to Swype for options:
   - **Settings**: Configure basic options.
   - **Themes**: Change the keyboard layout.
   - **My Words**: Manage your personal dictionary, new word updates, as well as how Swype can learn from your writing style in various apps.
   - **Languages**: Set the current language. Additional languages can be downloaded.
   - **Gestures**: Learn about using Swype gestures.
   - **Help**: View information on using Swype.

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 the check box next to Google voice typing to enable it.
4. Tap  next to Google voice typing for options:
   - **Languages**: Select languages for Google voice typing.
   - **Speech output**: Select options for spoken feedback.
   - **“Ok Google” Detection**: Tap to launch a Google search whenever you say “Ok Google”.
   - **Offline speech recognition**: Download and install speech recognition engines, allowing you to use voice input while not connected to the network.
• **Block offensive words**: Hide words many people find offensive are in results of Google voice searches. Offensive words are replaced in results with a placeholder (####).

• **Bluetooth headset**: Use audio input from a Bluetooth headset, if one is connected.

**Handwriting Recognition Language**
Handwriting can be recognized in S Note and Action Memo. Use this option to select a language that will be used by the device to recognize your handwriting.

1. From a Home screen, tap **Apps > Settings**.
2. Tap **Language and input**.
3. Under HANDWRITING RECOGNITION, tap **Language**.
4. Tap **More languages** to select a new language.

**Voice Search**
Use Google voice recognition to perform Google searches.

To perform a voice search, tap 🎤 in the Google search bar or widget. Or say “**OK Google**” to launch a Google search (if the “Ok Google” Detection option is enabled).

1. From a Home screen, tap **Apps > Settings**.
2. Tap **Language and input > Voice search** for options.
3. Tap “Ok Google” Detection to launch a Google search whenever you say “Ok Google.”
4. Additional options include selecting a default language, blocking offensive words, and more.
Text-To-Speech Options

Configure your text-to-speech options.

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

2. Tap Language and input > Text-to-speech options:
   
   - Select between the Samsung and Goggle text-to-speech engines. Tap Settings next to each TTS engine for options.
   
   - Speech rate: Set the speed at which the text is spoken.
   
   - Listen to an example: Play a sample of speech synthesis (available if voice data is installed).
   
   - Default language status: Display the default language in use.

Read Notifications Aloud

Set the device to read new notifications aloud for incoming calls, messages, and emails, as well as caller or sender information.

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

2. Tap Language and input > Read notifications aloud.

3. Tap each option to either enable or disable it.

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, to set the speed of the pointer.
Backup and Reset

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

Backup and Restore
Enable backup of your information to Google servers.

1. From a Home screen, tap Apps > Settings.
2. Tap Backup and reset for options:
   - Back up my data: Enable back up of application data, Wi-Fi passwords, and other settings to Google servers.
   - Backup account: Select a Google account to be used as your backup account.
   - 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 phone 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.

1. From a Home screen, tap Apps > Settings.
2. Tap Backup and reset > Factory data reset.
3. Tap Reset phone and follow the prompts to perform the reset.
Reset Your System Settings

Reset your system settings back to their defaults.

**Warning:** This action returns your device to its factory default settings. This will not affect your downloaded apps, personal data, your security settings, language settings, account settings, or your default application settings.

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

2. Tap **Backup and reset** > **Reset settings**.

3. Tap **Reset settings** and follow the prompts to perform the reset.
Motions and Gestures

Control certain device actions by moving your hand over the screen.

1. From a Home screen, tap Apps > Settings.
2. Tap Motions and gestures.
3. Tap ON/OFF to enable each of the following:
   - **Direct call**: Call the contact whose call log, message, or contact details are currently on the screen by bringing the device close to your ear.
   - **Smart alert**: Your device will vibrate when you pick it up to notify you about missed calls and messages.
   - **Mute/pause**: Mute incoming calls, alarms, and pause media by turning the device over or by covering the screen with your hand. You can also use Smart pause, which pauses video playback when you look away from the screen.
   - **Palm swipe to capture**: Create a copy of the current screen by swiping the side of your hand across the screen. The screenshot is saved to the clipboard and to the Screenshots folder in the Gallery app.
**S Pen**

**Configure options and settings for the S Pen.**

**Air Command**

The Air Command menu provides quick access to S Pen applications from any screen. The settings page allows you to either enable or disable the Air Command menu.

**To enable or disable the Air Command menu:**

1. From a Home screen, tap Apps > Settings > S Pen > Air Command.
2. Tap the ON/OFF button to either enable or disable the Air Command menu.

**Air View**

Preview information, extend text, or enlarge pictures by hovering your finger over the screen.

1. From a Home screen, tap Apps > Settings > S Pen.
2. Tap Air view.
3. Tap ON/OFF to turn the feature on.
4. Configure options for Air View.
S Pen Settings

To configure settings for the S Pen:

1. From a Home screen, tap Apps > Settings > S Pen.

2. Configure any of the following settings:

   - **Pointer**: Turn the pointer on or off. The pointer appears on the screen when the tip of the S Pen is hovering close enough. Holding the pointer over some features can reveal what an item is or what it does.

   - **Direct pen input**: Turn the Direct pen input feature on or off. This feature allows you to switch from the keyboard to the S Pen when filling in form fields.

   - **S Pen alerts**: Tap the check box to set your device to sound an alert and show a pop-up if you forget to attach the S Pen and walk away from it with your device.

   - **Turn off pen detection**: Turn off pen detection when the S Pen is attached. This can help extend battery life.

   - **S Pen sound**: Configure options to enable sounds when using the S Pen.

   - **S Pen vibration feedback**: Activate vibration feedback when using the S Pen.

   - **Detachment options**: Select an action for the device to take when the S Pen is detached from the device.

   - **Attach/detach sound**: Select a sound for the device to make when the S Pen is detached from the device.

   - **Attach/detach vibration**: Activate vibration feedback when the S Pen is attached and detached.
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 > Accounts.

2. Tap Add account and tap an account type.

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

### Synchronize Accounts

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

2. Tap an account type and tap an account to view the sync settings for that account.
   - Tap individual data items to sync.
   - Tap More options > Sync now to synchronize the account.

### Delete an Account

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

2. Tap an account type and tap the account, and then tap More options > Remove account.
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.
3. Set the date, time, time zone, time format, and date format.
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**
- **TalkBack**: Speak feedback aloud to help blind and low-vision users.
  - TalkBack can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.
- **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.
- **Hover zoom**: Magnify content by hovering your pen over it.
- **Notification reminder**: Play a beep when a notification has been missed.
- **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. For more information, see **Text-To-Speech Options**.

**Hearing**

- **Flash notification**: Set your camera light to blink whenever you receive a notification.

- **Turn off all sounds**: Turn off all sounds including receiver voice.

- **Hearing aids**: Improve the sound quality for use with hearing aids.

- **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.

- **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.

- **Sound detectors**: Receive alerts when the phone detects the doorbell or a baby crying.

- **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

- **Assistant menu**: Improve the device accessibility for users with reduced dexterity.
- **Air wake up**: Wake up your device by waving your hand over the sensor.
- **Touch and hold delay**: Select a time interval for this tap gesture.
- **Interaction control**: Enable motions and screen timeout. You can also block areas of the screen from tap interaction.

More Settings

- **Direct Access**: Open your accessibility settings by pressing Home three times in quick succession.
- **Answering/ending calls**: Select alternative methods to answer and end calls.
- **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.
Safety Assistance

Receive real-time information about emergencies and severe weather conditions.

You can also enable Emergency mode, a power-conserving mode that restricts certain apps and functions while allowing access to Messages, Contacts, and emergency calls.

Emergency Mode

Use Emergency mode to conserve battery power during emergencies. Power-hungry apps and functions are disable, but you are still able to send messages, use Contacts, and make emergency calls.

1. From a Home screen, tap Apps > Settings > Safety Assistance.
2. Tap Emergency mode.
3. Tap ON/OFF to turn the feature on.

Geo News

Receive information about weather, environmental situations, and geological information for your location during emergencies.

1. From a Home screen, tap Apps > Settings > Safety Assistance.
2. Tap Geo News.
3. Tap ON/OFF to turn the feature on.

• Tap Geo News notification pop-ups to receive pop-up alerts.
Send Help Messages
Send a quick alert to your primary contacts when you are in an emergency situation.

To enable this feature:
1. From a Home screen, tap Apps > Settings > Safety Assistance.
2. Tap Send help messages.
3. Tap ON/OFF to turn the feature on.
   - Tap Send pictures to send photos taken with the front and back cameras to your emergency contacts.
   - Tap Send sound recording to send a short audio message to your emergency contacts.

To send a help messages:
► Press the Power/Lock key quickly three times.

Manage Emergency Contacts
Select contacts or create new ones to be your emergency contacts. These contacts automatically receive your help message.

1. From a Home screen, tap Apps > Settings > Safety Assistance.
2. Tap Manage emergency contacts.
3. Tap Create emergency contact and choose one of the following options:
   - Create contact: Enter a name and phone number for a new emergency contact.
   - Select from contacts: Designate a contact to be an emergency contact.
Accessories

Configure options when using HDMI audio devices (not included) or using a book cover (not included).

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

2. Tap Accessories for options:
   - Dock sound: Play sounds when inserting and removing phone from dock.
   - Audio output: Select a sound output format to use when connecting your device to HDMI devices (not included). Some devices may not support the surround sound setting.
Printing

Print to Samsung and other printers (not included).

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

2. Tap a print service and follow the prompts.

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

View tips and guidelines for using your device.

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

2. Tap Help for information about new features, applications, settings, and so on.
About Phone

**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 phone**, and then tap items for more details:
   - **Icon glossary**: View information about the status icons and notification icons used on the Status Bar.
   - **Status**: View the status of the battery, network, and other information.
   - **Legal information**: Display open source licenses, Google legal information, and Samsung legal information.
   - **Phone name**: View and change your device's name.
   - Additional device information includes the Model number, Android version, Kernel version, Build number, SE for Android status, Hardware version, Security software version, and more.
System Updates

Use System updates to update your device’s software.

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

2. Tap System updates.

3. Tap Check for new system update to check for available software updates to download and install.