SAMSUNG

User manual

Galaxy Tab A



Table of contents

Special features 1

Getting started 2

Front and back views 3

Assemble your device 4

Install a memory card 5

Charge the battery 5

Start using your device 7

Use the Setup Wizard 7

Lock or unlock your device 8

Add a Google account 8

Add a Samsung account 9

Add an email account 9

Transfer data from your old device 9

Navigation 10

Common options 11

Navigation bar 11

Home screen 13

Customize your Home screen 14

Status bar 18

Notification panel 20

Bixby 22

Flexible security 22

Multi window 24

Enter text 26

Apps 29

Using apps 30

Access apps 30

Add an apps shortcut 30

Search for apps 31

Galaxy Essentials 31

Uninstall or disable apps 31

Sort apps 32

Create and use folders 32

App settings 33

Samsung apps 35

Calculator 35

Calendar 36

Camera and video 39

Clock 44

Contacts 48

Email 54

Gallery 57

Internet 62

Kids Mode 66

My Files 67

Samsung Flow 69

Samsung Notes 70

SmartThings 72

Google apps 73

Chrome 73

Drive 73

Gmail 73

Google 73

Hangouts 73

Maps 74
Photos 74
Play Movies & TV 74
Play Music 74
Play Store 74
YouTube 75
Microsoft apps 76
Excel 76
OneDrive 76
PowerPoint 76
Skype 76
Word 76
Settings **77**
Access Settings 78
Search for Settings 78
Connections 79
Wi-Fi 79
Bluetooth 82
Data usage 84
Tablet visibility 85
Airplane mode 85
Location 86
Nearby device scanning 87
Connect to a printer 88
Virtual Private Networks 88
Ethernet 90
Sound 91
Sound mode 91
Volume 92
Notification sounds 92

Do not disturb 93
System sounds 93
Key-tap feedback 93
Sound quality and effects 94
Separate app sound 94
Notifications 95
Manage notifications 95
Display 96
Screen off settings 96
Screen brightness 96
Font and screen zoom 97
Device maintenance 98
Quick optimization 98
Battery 98
Storage 99
Memory 101
Device security 101
Language and input 102
Date and time 106
Report diagnostic information 106
Marketing information 107
Reset 107
Factory data reset 108
Auto restart 110
Software update 111
Lock screen and security 112
Screen lock types 112
Biometrics 113
Clock and information 113
Google Play Protect 113

Find My Mobile 114
Security update 114
Install unknown apps 115
Secure Folder 115
App permission monitor 115
Secure startup 116
Encrypt SD card 116
View passwords 116
Security update service 117
Device administration 117
Credential storage 118
Advanced security settings 118
Accounts 120
Samsung Cloud 120
Add an account 120
Backup and restore 122
Google settings 123
Accessibility 124
Vision 124
Hearing 126
Dexterity and interaction 126
More accessibility settings 127
Accessibility services 127
Other settings 128
User manual 128
Automatic unlock 128
Daily Board 128
Device assistance app 129
About tablet 130

Getting help **131**
Videos 131
Smart Simulator 131
Tips 131
Samsung Care 131
Legal **132**
Legal information 133
Intellectual property 134
Open source software 135
Disclaimer of warranties; exclusion of liability 135
Modification of software 136
Samsung Knox 136
Restricting children's access to your mobile device 137
Samsung Electronics America, Inc. 137

Special features



Meet Bixby

Bixby can help you understand your settings and set up your Samsung device. See Bixby on page 22.



Face recognition

Configure facial recognition security to add an extra layer of security when using your device. See Face recognition on page 22.



Media volume limiter

Limit the maximum output of the device's volume. See Media volume limiter on page 92.



Multi windowy

Multitask by using two applications at the same time. See Multi window on page 24.



Direct Share

Share content with specific people directly. See Direct share on page 53.

Getting started

Front and back views 3

Assemble your device 4

Start using your device 7



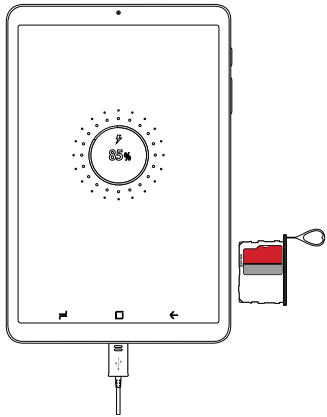
Front and back views



Devices and software are constantly evolving — the illustrations you see here are for reference only.

Assemble your device

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



Devices and software are constantly evolving — the illustrations you see here are for reference only.

Install a memory card

You can install an optional microSD™ memory card (not included) to add more memory space to your device. A memory card can be installed at any time. It is not necessary to install it prior to using the device.

Warning: Small components such as memory cards can pose a choking risk. Please be careful when handling these cards to avoid damaging them.

Caution: Be careful when using the removal tool to eject an internal card tray.

1. Insert the removal tool into the hole on the memory card tray, and then push until the tray pops out.
2. Place the memory card on the tray with the gold contacts facing down.
3. Slide the memory card tray back into the slot.

Charge the battery

Your device is powered by a rechargeable battery. A charger (charging head and USB Type-C cable) is included with the device for charging the battery from any standard outlet.

Note: You should dry the inside of the charging port before inserting a power connector to charge your device. If the charging port is not fully dry, your device may operate abnormally. For example, it may charge more slowly or overheat.

The battery comes partially charged. You can use the device while charging.

Caution: Use only charging devices and batteries (if applicable) that are approved by Samsung. Samsung charging devices and batteries are designed for your device to maximize battery life. Using other charging devices and batteries may void your warranty and may cause damage.

1. Insert the USB Type-C cable into the USB charger/Accessory port.
2. Connect the USB cable to the charging head, and then plug the charging head into a standard outlet.
3. Unplug the charging head from the outlet and remove the USB cable from the device when charging is complete.

Start using your device

The instructions below explain how to turn your device on or off.

To turn the device on:

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

To turn the device off:

1. Press and hold the **Power** key.
2. Tap **Power off**, and confirm when prompted.

Use the Setup Wizard

The first time you turn your device on, the Setup Wizard guides 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.

Lock or unlock your device

Use your device's screen lock features to secure your device. By default, the device locks automatically when the screen times out.

To lock the device:

- Press the **Power** key.

To unlock the device:

- Press the **Power** key, and then drag your finger across the screen.

The default Screen lock on your device is Swipe. To choose a secure screen lock, see Set a secure screen lock on page 112.

Add a Google account

Your new device uses your Google™ account to fully utilize its Android™ features.

1. From **Settings**, tap **Cloud and accounts** › **Accounts**.
2. Tap **Add account** › **Google**.

Note: When you sign in to a Google account, Factory Reset Protection (FRP) is activated. FRP requires your Google account information when resetting to factory settings. For more information, see Factory reset protection on page 109.

Add a Samsung account

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

1. From **Settings**, tap **Cloud and accounts** > **Accounts**.
2. Tap **Add account** > **Samsung account**.

Note: To quickly access your Samsung account, tap **Settings** > **Samsung account**.

Add an email account

View and manage all of your email accounts.

1. From **Settings**, tap **Cloud and accounts** > **Accounts**.
2. Tap **Add account** > **Email**.

Transfer data from your old device

Use Smart Switch™ to transfer contacts, photos, and other content from your old device.

For more information, visit samsung.com/us/support/owners/app/smart-switch.

To use Smart Switch:

1. From **Settings**, tap **Cloud and accounts** > **Smart Switch**.
2. Follow the prompts and select the content to transfer.

Visit samsung.com/smartswitch for more information.

Navigation

Please note that a touchscreen responds best to a light touch from the pad of your finger or a capacitive stylus. Using excessive force or a metallic object on the touchscreen may damage the tempered glass surface and void the warranty.

Tap

Lightly tap items to select or launch them.

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

Double-tap

Lightly tap items twice to select or launch them.

- Double-tap an image to zoom in or out.

Touch and hold

Touch and hold items to activate them.

- Touch and hold a field to display a pop-up menu of options.

Swipe

Lightly drag your finger vertically or horizontally across the screen.

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

Drag

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

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

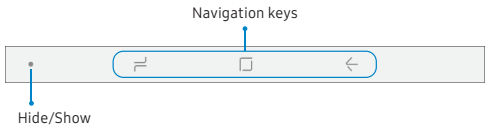
Common options

The device uses basic command options to perform common actions.

- **More options**: Tap to view more menu options for a screen.
- **Delete**: Tap to select items to delete.
- **Share**: Tap to select items to share, and then choose a sharing method.
- **Edit**: Tap to customize the screen.
- **On/Off**: Tap to turn the option on ( ) or off ( ).
- **Menu**: Tap to view available options for the field.

Navigation bar

The Navigation bar, at the bottom of the screen, displays the navigation keys.



Full screen mode

The navigation keys are hidden in full screen mode.

To enter or exit full screen mode:

- Double-tap the **Hide/Show** icon to the left of the navigation keys.

To view the navigation keys in full screen mode:

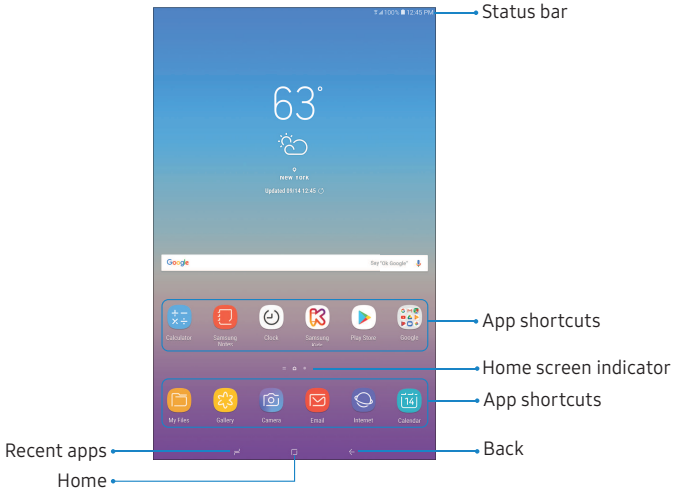
- Swipe up from the bottom of the screen to display the Navigation bar.

Navigation bar settings

You can configure the Navigation bar background color and button layout.

- From **Settings**, tap **Display** > **Navigation bar** for the following settings:
  - **Show and hide button**: Add a button on the left side of the navigation bar to show or hide the Navigation bar.
  - **Background color**: Choose a color for the background of the Navigation bar.
  - **Button layout**: Choose the order of the navigation keys.

Home screen



Devices and software are constantly evolving — the illustrations you see here are for reference only.

Customize your Home screen

Your device has multiple Home screens to hold app shortcuts and widgets. You can add, remove, change the order of screens, as well as choose a different main Home screen.

1. From a Home screen, pinch the screen.
2. Use these options to manage screens:
   - To align shortcuts into a line at the top of a screen, tap **Align top**.
   - To align shortcuts into a line at the bottom of a screen, tap **Align bottom**.
   - To remove a Home screen, tap **Remove**.
   - To set a screen as the main Home screen, tap **Main**. This screen is displayed when you tap **Home**.
   - To change the order of screens, touch and hold a screen, and then drag it to a new position.
   - To add a screen, swipe to the end of the screens, and then tap **Add**.
   - To enable Bixby Home, swipe right, and then tap **On/Off**.

App shortcuts

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

1. From **Apps**, touch and hold an app shortcut to open the options menu.
2. Tap **Add to Home**.

To remove a shortcut:

1. Touch and hold an app shortcut to open the options menu.
2. Tap **Remove from Home**.
    - Removing a shortcut does not delete the app, it just removes the shortcut from a Home screen.

To move a shortcut from one Home screen to another:

1. Touch and hold an app shortcut to release it.
2. Drag the app shortcut to a new Home screen, and then release it.

Use folders

You can organize App shortcuts in folders on an Apps list screen and Home screen.

For more information, see Create and use folders on page 32.

Wallpapers

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

1. From a Home screen, pinch the screen.
2. Tap **Wallpapers** to customize.
3. Tap an image to choose it.
4. Tap **Set as wallpaper**, and confirm when prompted.

Widgets

Widgets are simple application extensions that run on a Home screen.

To add a widget to a Home screen:

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

To remove a widget from a Home screen:

1. From a Home screen, touch and hold a widget to open the options menu.
2. Tap **Remove from Home screen**.

Icon frames

You can show icons with shaded frames to make them stand out on the Home screen and Apps list screen.

1. From **Settings**, tap **Display** > **Icon frames** and choose one of the following options:
   - **Icons only**: Show icons only.
   - **Icons with frames**: Show frames around icons.
2. Tap **Done**, and confirm when prompted.

Home screen settings

Customize your Home and Apps screens.

1. From a Home screen, pinch the screen.
2. Tap **Home screen settings** to customize:
   - **Home screen layout**: Set your device to have separate Home and Apps screens, or only a Home screen where all apps are located.
   - **Apps button**: Add an apps button to the Home screen for easy access to the Apps screen.
   - **App icon badges**: Select how to show icon badges when apps receive notifications.
   - **Add apps to Home screen**: Automatically add newly downloaded apps to the Home screen.
   - **Quick-open notification panel**: Enable this feature to open the Notification panel from the Home screen by swiping down.
   - **Hide apps**: Select apps to hide.
   - **About Home screen**: View version information.

Status bar

The Status bar provides device information on the right side and notification alerts on the left.

Status icons


Battery full


Battery low


Battery charging


Vibrate mode


Mute mode


Wi-Fi active


Location service active

Notification icons


New email


File download in progress


File upload in progress


Wi-Fi available


App updates available

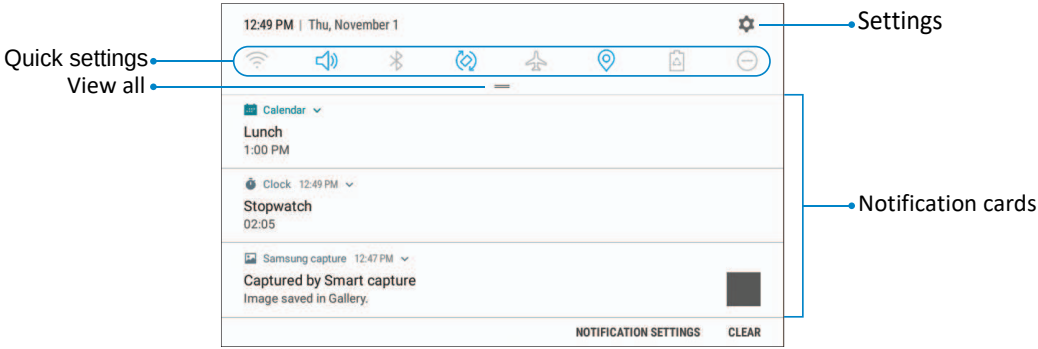
Status bar display

Configure display options for the Status bar.

▶ From **Settings**, tap **Display** > **Status bar** for the following options:

- Tap **Show recent notifications only** to display only the three most recent notification icons on the Status bar.
- Tap **Show battery percentage** to display the battery charge percentage next to the battery icon on the Status bar.

Notification panel



Devices and software are constantly evolving — the illustrations you see here are for reference only.

View the Notification panel

You can access the Notification panel from any screen.

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

Quick settings

The Notification panel also provides quick access to device functions, allowing you to quickly turn them on or off.

1. Drag the Status bar down to display the Notification panel.
2. Drag **View all** downward.
   - Tap a setting to turn it on or off.
   - Tap **More options** to reorder Quick settings or to change the button layout.
3. Drag **View all** upward to close Quick settings.

Bixby

Bixby is a virtual assistant that learns, evolves, and adapts to you. It learns your routines, helps you set up reminders based on time and location, and is built in to your favorite apps. For more information, visit samsung.com/us/support/owners/app/Bixby.

You can customize Bixby's chat responses, quick commands, and more from the Bixby Home page.

Bixby Home

The Bixby Home page displays customized content based on your interactions. Bixby learns from your usage patterns and will suggest content you may like.

▶ From a Home screen, swipe right.

Flexible security

Use your face to unlock your device.

Face recognition

Use face recognition as an alternative to entering passwords in certain apps. You can use face recognition to unlock the screen by recognizing your face.

Register a face

To use your face to unlock your device, you must set a pattern, PIN, or password.

1. From **Settings**, tap **Biometrics and security** › **Face recognition**.
2. Follow the prompts to register your face.

Face recognition

Customize how face recognition works.

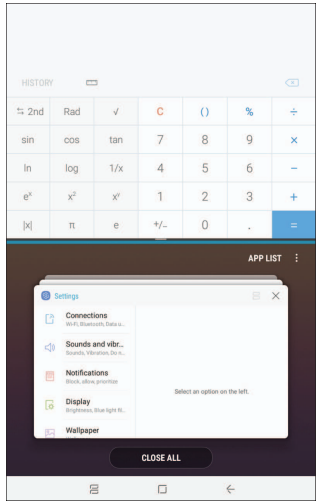
▶ From **Settings**, tap **Biometrics and security** > **Face recognition** for the following options:

- **Remove face data**: Delete existing faces.
- **Face unlock**: Enable or disable face recognition security.
- **Screen-on face recognition**: Unlock your device with face recognition as soon as the screen turns on.
- **Faster recognition**: Turn on for faster face recognition. Turn off to increase security and make it harder to unlock using an image or video of your likeness.

Multi window

Multitask by using two apps at the same time. Apps that support Multi window can be displayed together on a split screen. You can switch between the apps and adjust the size of their windows.

1. From any screen, tap **Recent apps**.
2. Tap **Multi window** in the title bar to launch an app in split screen view.
   - Recently opened apps are displayed in the lower window. Apps that support Multi window have the **Multi window** icon in their title bar.
   - If there are no recently opened apps that support Multi window, or if you want to launch a different app, tap **App list**.
3. Tap an app in the lower window to add it to the split screen view.



Window controls

The Window controls modify the way app windows are displayed in split screen view.

▶ Tap the middle of the window border for the following options:

- **Add app pair on Home screen**: Add the open pair of apps as a shortcut to the Home screen.
- **Switch windows**: Swap the two windows.
- **Open in pop-up view**: Open the selected app in a pop-up window.
- **Close app**: Close the selected app.

Multi window settings

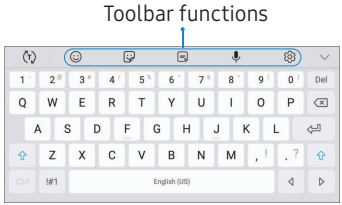
Additional features are available for Multi window.

▶ From **Settings**, tap **Advanced features** › **Multi window**, and then tap **On/Off** to enable each of the following options:

- **Split screen view action**: Configure the Recent apps key to switch between full screen view and split screen view.
- **Pop-up view action**: Swipe down diagonally from either the right or left top corner of the screen to put the app into pop-up view.

Enter text

Text can be entered using a keyboard or your voice.



▶ Tap a field to display the Samsung keyboard.

- Tap **Show predictive text** to view suggested words while you type.
- Tap **Show toolbar functions** to view all keyboard options.

Toolbar functions

The toolbar provides additional helpful functions.

▶ From the Samsung keyboard, tap **Expand toolbar** for the following options:

- **Clipboard**: Access the clipboard.
- **Emojis**: Insert an emoji.
- **GIF keyboard**: Add animated GIFs.
- **Handwriting**: Use your handwriting to enter text.
- **Modes**: Select a keyboard layout.
- **Settings**: Access keyboard settings.
- **Stickers**: Add illustrated stickers.
- **Voice input**: Use Google Voice™ typing.

Configure the Samsung keyboard

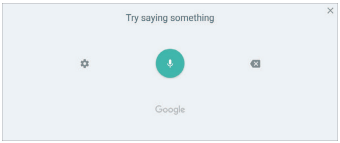
Set customized options for the Samsung keyboard.

▶ From the Samsung keyboard, tap **Settings** for the following options:

- **Languages and types**: Set the keyboard type and choose which languages are available on the keyboard.
  - To switch between languages, slide the Space bar sideways.
- **Smart typing**: Use predictive text and auto-correction features to prevent common typing mistakes. Type by swiping between letters.
- **Keyboard layout and feedback**: Customize the appearance and function of the keyboard.
- **Reset to default settings**: Return keyboard to original settings and clear personalized data.
- **About Samsung keyboard**: View version and legal information for the Samsung keyboard.

Use Google Voice typing

Instead of typing, enter text by speaking.



1. From the Samsung keyboard, tap **Voice input**.
2. Tap the screen and speak your text.

Configure Google Voice typing

Set customized options for Google voice typing.

1. From the Samsung keyboard, tap **Voice input**.
2. Tap **Settings** for options.
    - **Languages**: Choose the language for the keyboard.
    - **Offline speech recognition**: Download languages for offline Google voice typing.
    - **Block offensive words**: Hide potentially offensive words with asterisks.

Apps

Using apps 30

Samsung apps 35

Google apps 73

Microsoft apps 76



Using apps

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

Access apps

Access and launch all apps from the Apps list.

1. From a Home screen, swipe up or down to access **Apps**.
2. Tap an app's shortcut to launch it.
   - To return to the main Home screen .

Add an apps shortcut

In addition to swiping to access apps, you can add an Apps button to the Home screen.

1. From **Apps**, tap **More options** > **Home screen settings** > **Apps button**.
2. Tap **Show Apps button** > **Apply**.

Search for apps

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

1. From **Apps**, tap **Search tablet**.
2. Enter a word or words in the **Search tablet** field. As you type, apps that match are displayed on the screen.
3. Tap an entry to go to that app.
   - To customize the Finder search settings, tap **More options** > **Settings**.

Galaxy Essentials

View and download Samsung apps that are optimized for use with Galaxy devices.

▶ From **Apps**, tap **More options** > **Galaxy Essentials**.

Uninstall or disable apps

Uninstall or disable apps you have download.

▶ From **Apps**, touch and hold an app to open the options menu.
   - To uninstall an app, tap **Uninstall**.
   - To disable an app, tap **Disable**.

Note: Some preloaded apps can only be disabled, not uninstalled. Apps that are disabled are turned off and hidden from view.

Sort apps

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

▶ From **Apps**, tap **More options** > **Sort**.

- **Custom order**: Arrange apps manually.
  - To remove empty spaces between apps, tap **More options** > **Clean up pages**.
- **Alphabetical order**: Sort apps alphabetically.

Create and use folders

Create a folder to organize App shortcuts on an Apps list screen.

1. From **Apps**, touch and hold an app shortcut, and then drag it on top of another app shortcut until it is highlighted.
2. Release the app shortcut to create the folder.
   - **Enter folder name**: Name the folder.
   - **Palette**: Change the folder color.
   - **Add apps**: Place more apps in the folder. Tap apps to select them, and then tap **Add**.
3. Tap **Back** to close the folder.

Copy a folder to a Home screen

Create a folder and copy it to a Home screen.

1. From **Apps**, touch and hold a folder to open the options menu.
2. Tap **Add to Home**.

Delete a folder

When you delete a folder, the app shortcuts are returned to the Apps list screen.

1. From **Apps**, touch and hold a folder to delete.
2. Tap **Delete folder**, and confirm when prompted.

App settings

Manage your downloaded and preloaded apps.

1. From **Settings**, tap **Apps**.
2. Tap **Menu** to set which apps to view, and then choose **All apps**, **Enabled**, or **Disabled**.
3. Tap **More options** for the following options:
   - **Sort by size/name**: Sort the apps by size or name.
   - **Default apps**: Choose or change apps that are used by default for certain features, like email or browsing the Internet.
   - **App permissions**: Control which apps have permissions to use certain features of your device.
   - **Show/Hide system apps**: Show or hide system (background) apps.

- **Special access**: Select which apps can have special access permissions to features on your device.
- **Reset app preferences**: Reset options that have been changed. Existing app data is not deleted.

4. Tap an app to view and update information about the app. The following options may be displayed:
   - **Uninstall/Disable**: Uninstall or disable the app. Some preloaded apps can only be disabled, not uninstalled.
   - **Force stop**: Stop an app that is not working correctly.
   - **Data usage**: View data usage.
   - **Battery**: View battery usage since the last full charge.
   - **Storage**: Manage the app's storage usage.
   - **Memory**: View memory usage.
   - **Notifications**: Configure notifications from the app.
   - **Permissions**: View permissions granted to the app for access to your device's information.
   - **Set as default**: Set the app as a default for a certain category of apps.

Note: Options vary by app.

Samsung apps

The following apps come pre-installed or downloaded over-the-air to your device.

Calculator

The Calculator provides basic and advanced arithmetic functions.

- From **Apps**, tap **Calculator**.

Convert units of measurement

Quickly convert units of measurement using the unit converter.

1. From **Apps**, tap **Calculator** > **Unit converter**.
2. Select a category and use the drop-down menus to choose units of measurement.
3. Enter a numeric value to view the conversion.

Calendar

Manage your events and tasks.

Add calendars

Add existing calendars to the Calendar app.

1. From **Apps**, tap **Calendar** > **More options**.
2. Tap **Manage calendars** > **Add account**, and select an account type.
3. Enter your account information and follow the prompts.

Calendar view

There are several ways the calendar can be viewed.

1. From **Apps**, tap **Calendar** > **View**, and then tap an option:
   - **Year**: Display all twelve months of this year. Swipe across the screen to display another year.
   - **Month**: Display the current month. Swipe across the screen to display another month. Events and tasks are also displayed.
   - **Week**: Display the current week. Swipe across the screen to display another week.
   - **Day**: Display today's schedule by hour. Swipe across the screen to display another day.
   - **Tasks**: Display all tasks.
2. Tap **Today** to return to the current date.

Create an event

Use your Calendar to create events.

1. From **Apps**, tap **Calendar** > **Add** to add an event.
2. Enter details for the event, and then tap **Save**.

Share an event

Share events from your Calendar.

1. From **Apps**, tap **Calendar**, tap an event, and tap again to edit it.
2. Tap **Share**, choose a sharing method, and follow the prompts.

Delete an event

Delete events from your Calendar.

1. From **Apps**, tap **Calendar**, tap an event, and tap again to edit it.
2. Tap **Delete**, and confirm when prompted.

Create a task

Use your Calendar to create tasks. Tasks are items you add to the calendar to be accomplished on a certain day. A task displays as a checklist item and is removed once you mark the task as complete.

1. From **Apps**, tap **Calendar** > **View** > **Tasks**.
2. Tap **Add** to add a task.
3. Enter details for the task, and then tap **Save**.

Delete a task

Delete tasks from your Calendar.

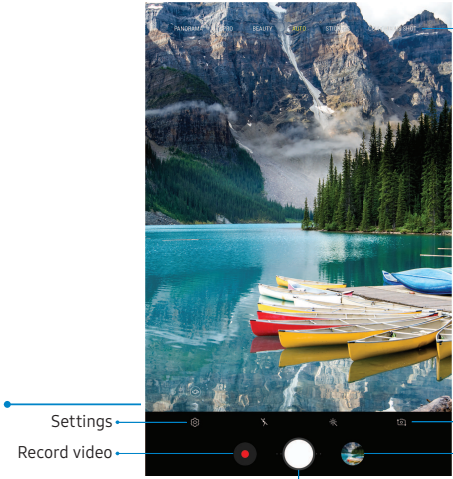
1. From **Apps**, tap **Calendar**, and tap a day on the calendar to view the tasks for the day, or tap **View** > **Tasks**.
2. Tap the **Checkbox** by the task to mark it as complete and remove it from the calendar.
   - To delete a task, tap the task to open it, tap **Delete**, and confirm when prompted.

Calendar settings

Use Calendar settings to customize your calendar.

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

Camera and video



Devices and software are constantly evolving — the illustrations you see here are for reference only.

Take pictures

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

1. From **Apps**, tap **Camera**.
2. Use the display screen as a viewfinder.
   - To focus the shot, tap the screen. When you tap the screen, a brightness scale is displayed. Slide the light bulb to adjust the brightness.
   - To quickly switch between the front and rear cameras, swipe the screen up or down.
   - To change a camera setting, tap **Settings**.
3. Tap **Take a picture**.

Record videos

Record high-quality videos using your device.

1. From **Apps**, tap **Camera** and aim the camera at your subject.
2. Tap **Record** to begin recording a video.
   - To temporarily stop recording, tap **Pause**. To continue recording, tap **Resume**.
3. Tap **Stop** when you are finished recording.

Configure shooting mode

Allow the camera to determine the ideal mode for your pictures or choose from several shooting modes.

▶ From **Apps**, tap **Camera**, and swipe to the right or left to see the available shooting modes. To view and reorganize shooting modes, touch and hold a shooting mode.

Rear camera

- **HDR (Rich tone)**: Enables the light sensitivity and color depth features of the device to produce a brighter and richer picture.
- **Night**: Use this to take photos in low-light conditions, without using the flash.
- **Panorama**: Create a linear image by taking pictures in either a horizontal or vertical direction.
- **Pro**: Manually adjust the ISO sensitivity, exposure value, white balance, and color tone while taking pictures.
- **Beauty**: Automatically airbrush out minor imperfections when you take pictures of people.
- **Auto**: Allow the camera to determine the ideal mode for the picture.
- **Stickers**: Add stickers to your pictures.
- **Continuous shot**: Touch and hold the Camera button pictures to take continuously.
- **Animated GIF**: Create animate images by taking a continuous series of pictures.
- **Sports**: Take clearer pictures of fast moving subjects.

Front camera

- **Selfie focus**: Enhance the focus of a selfie by adding blur to the background.
- **Selfie**: Take selfie shots and apply various effects, such as an airbrushed effect.
- **Stickers**: Add stickers to your selfies.
- **Wide selfie**: Take wide-angle selfie shots to fit more people into your pictures.

Camera settings

Use the icons on the main camera screen and the settings menu to configure your camera's settings.

▶ From **Apps**, tap **Camera** > **Settings**.

Rear camera

- **Picture size**: Select a resolution. Selecting a higher resolution for higher quality requires more memory.
- **Video size**: Select a resolution. Selecting a higher resolution for higher quality requires more memory.
- **Timer**: Take time-delayed pictures or videos.

Front camera

- **Picture size**: Select a resolution. Selecting a higher resolution for higher quality requires more memory.

- **Video size**: Select a resolution. Selecting a higher resolution for higher quality requires more memory.
- **Timer**: Take time-delayed pictures or videos.
- **Save pictures as previewed**: Save self-portraits or self-recordings as viewed on the camera screen, not as flipped images.
- **Shooting methods**:
  - **Tap screen**: Tap the screen to take selfies.
  - **Show palm**: Hold your hand out with your palm facing the camera to have your picture taken in a few seconds.

Common

- **Edit camera modes**: Enable, disable, and rearrange shooting modes.
- **Full screen view (16:9)**: Preview pictures and videos using the full screen.
- **Grid lines**: Display viewfinder grid lines to help compose a picture or video.
- **Location tags**: Attach a GPS location tag to the picture.
- **Review pictures**: Review pictures after taking them.
- **Storage location**: Select a memory location.
  - A memory card (not included) must be installed to view Storage location. For more information, see "Install the SIM Card and a Memory Card" on page 1.
- **Floating Camera button**: Add an extra camera button that you can move anywhere on the screen in Auto and Selfie modes.
- **Press Volume key to**: Use the Volume key to take pictures, record video, zoom, or control system volume.
- **Reset settings**: Reset the camera settings.

Clock

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

▶ From **Apps**, tap **Clock**, and tap a tab to use a feature.

Alarm

Use the Alarm tab to set one-time or recurring alarms, and choose options for how to be notified.

1. From **Apps**, tap **Clock** > **Add alarm**.
2. Tap the following items to configure an alarm:
   - **Date**: Choose the day for this alarm.
   - **Time**: Set a time for the alarm.
   - **Repeat**: Choose when to repeat the alarm.
   - **Alarm name**: Enter a name for the alarm.
   - **Snooze**: Allow snoozing. Set interval and repeat values for the alarm while snoozing.
   - **Alarm sound**: Choose a sound to play for the alarm, and drag the slider to set the volume of the alarm.
   - **Read time aloud**: Read the time aloud when the alarm rings.
3. Tap **Save** to save the alarm.

Turn off alarm

At the set alarm time, the tablet sounds the alarm and/or vibrates.

1. To stop an alarm, tap **Dismiss**, or swipe **Dismiss** to the left or right.
2. To postpone the alarm, tap **Snooze**.

Delete an alarm

You can delete an alarm that you created.

1. From **Apps**, tap **Clock**, and find the alarm in the alarm list (under Alarm), and then touch and hold it to select it.
2. Tap **Delete**.

World clock

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

1. From **Apps**, tap **Clock** > **World clock**.
2. Tap **Add city**.
3. Tap **Search** and enter the name of the city.
4. Tap the city name in the list, and then tap **Add**.
   - To remove a city, touch and hold it, and tap **Delete**.

Time zone converter

Set a time in a city on your World clock list to see what the local times would be in the other listed cities.

1. From **Apps**, tap **Clock** > **World clock**.
2. Tap **Time zone converter**.
3. Tap **Menu** to choose a different city.
   - To add a city to the list, tap **Add city**.
4. Swipe the hours, minutes, and period (**AM** or **PM**) on the clock to set a time. Local times for the other cities listed are automatically updated.
   - To return the clock to the current time, tap **Reset**.

Stopwatch

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

1. From **Apps**, tap **Clock** > **Stopwatch**.
2. Tap **Start** to begin timing.
   - To keep track of lap times, tap **Lap**.
3. Tap **Stop** to end timing.
   - To continue timing after stopping the clock, tap **Resume**.
   - To reset the Stopwatch to zero, tap **Reset**.

Timer

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

1. From **Apps**, tap **Clock** > **Timer**.
2. Use the keypad and tap **Hours**, **Minutes**, and **Seconds** to set the length of the Timer.
3. Tap **Start** to begin the Timer.
   - To temporarily stop the Timer, tap **Pause**. To continue timing after pausing, tap **Resume**.
   - To stop and reset the Timer, tap **Cancel**.

Contacts

Store and manage your contacts. You can synchronize with personal accounts added to your device. For more information, see Add an account on page 120.

Add a contact

Use the following procedure to add a new contact.

1. From **Apps**, tap **Contacts** > **Create contact**, and then tap contact fields to enter information.
   - Choose a storage account for the contact. You can store the contact on the device or sync it with an account.
   - Tap **Contact photo** to assign a picture or an animated GIF to the new contact.
   - Enter a name and other contact information.
     - Tap **Add** field to enter additional entries.
     - Tap **Remove** field to remove an entry.
     - Tap **View more** for additional fields.
     - Tap the label to the right of an entry to choose a label for the field (for example, Home or Work).
2. Tap **Save**.

Edit a contact

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

1. From **Apps**, tap **Contacts**, and then tap a contact.
2. Tap **Edit**.
3. Tap any of the fields to add, change, or delete information.
4. Tap **Save**.

Share a contact

Share a contact by using various sharing methods.

1. From **Apps**, tap **Contacts**, and then tap a contact.
2. Tap **Share**.
3. Tap either **vCard file (VCF)** or **Text**.
4. Choose a sharing method and follow the prompts.

Import contacts

Your device can import contacts from an installed memory card (not included).

1. From **Apps**, tap **Contacts** > **More options** > **Manage contacts**.
2. Tap **Import/Export contacts**.
3. Tap **Import** and follow the prompts.

Export contacts

Manually back up contacts to an installed memory card (not included).

1. From **Apps**, tap **Contacts** > **More options** > **Manage contacts**.
2. Tap **Import/Export contacts**.
3. Tap **Export** and follow the prompts.

Link or unlink contacts

Consolidate contact information from multiple sources into one contact by linking entries into a single contact.

1. From **Apps**, tap **Contacts**, and then tap the contact to select it.
2. Tap **More options** > **Link contacts**.
3. Tap contacts to choose them.
4. Tap **Link**.

To unlink contacts:

1. From **Apps**, tap **Contacts**, and then tap the contact to select it.
2. Tap **More options** > **Manage linked contacts**.
3. Tap **Unlink** beside contacts to unlink them from the main contact.

Favorites

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

1. From **Apps**, tap **Contacts**, and then tap a contact.
2. Tap **Add to Favorites** to mark the contact as a favorite. The star brightens.
   - To remove the contact from Favorites, tap **Remove from Favorites**. The star then dims.

Delete contacts

Delete a single contact or multiple contacts.

1. From **Apps**, tap **Contacts**, and then touch and hold a contact to select it.
   - You can also tap other contacts to select them for deletion.
2. Tap **Delete**, and confirm when prompted.

Groups

You can use groups to organize your contacts.

Create a group

Create your own contact groups.

1. From **Apps**, tap **Contacts** > **Groups**.
2. Tap **Create**, and then tap fields to enter information about the group:
   - **Group name**: Enter a name for the new group.
   - **Add member**: Select contacts to add to the new group, and then tap **Done**.
3. Tap **Save**.

Add or remove group contacts

Add more contacts to a group, or remove contacts.

▶ From **Apps**, tap **Contacts** > **Groups**, and then tap a group.

- To remove a contact, touch and hold a contact to select it, and then tap **Remove**.
- To add a contact, tap **Edit** > **Add member**, and then tap the contacts you want to add. When finished, tap **Done** > **Save**.

Send an email to a group

Send an email to members of a group.

1. From **Apps**, tap **Contacts** > **Groups**, and then tap a group.
2. Tap **More options** > **Send email**.
3. Tap contacts to select them, or tap the **All** checkbox at the top of the screen to select all, and then tap **Done**.
   - Only group members that have an email address in their records are displayed.
4. Choose an email account and follow the prompts.

Delete a group

Delete a group you have created.

1. From **Apps**, tap **Contacts** > **Groups**, and then tap a group.
2. Tap **More options** > **Delete**.
   - To only delete the group, tap **Group only**.
   - To delete the group and the contacts in the group, tap **Group and members**.

Contacts settings

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

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

Direct share

Share content directly with your contacts from within any app. Once enabled, your frequent contacts are displayed in the Share window.

▶ From **Apps**, tap **Settings** > **Advanced features** > **Direct share**, and tap **On/Off** to enable.

Email

View and manage all of your email accounts in one app. To add an email account, see Add an email account on page 9.

Create and send an email

Learn how to create and send email messages.

1. From **Apps**, tap **Samsung** folder > **Email** > **Compose new email**.
   - Different email account may have additional steps and options.
2. Tap the **To** field to add an email address or tap **Add from Contacts** to select a recipient from Contacts or Groups.
   - When adding multiple recipients, separate them with a semicolon (;) after each. More recipients can be added at any time before the message is sent.
   - If adding a recipient from your Contacts, tap the contact to place a checkmark, and then tap **Done**. The contact is displayed in the recipients field.
   - Tap **Show additional fields** to add Cc and Bcc fields.
3. Tap the **Subject** and **Message** fields to enter text.
   - Tap **Attach** to add files, images, audio, and more to your email.
   - Tap **More options** for additional email options.
4. Review your message and tap **Send**.

Manage the inbox

There are several tools available from the Inbox screen.

▶ From **Apps**, tap **Samsung** folder > **Email**.

- Tap a message to read and reply or forward it.
- Tap **Search** to search for key words in your email inbox.
- Tap **Edit** for additional message options.
- Tap **Sort** to customize how messages display.

View multiple email accounts

You can view email you receive for multiple accounts, or you can view email accounts individually.

1. From **Apps**, tap **Samsung** folder > **Email**.
2. Tap **Mailbox** at the top left of the screen to choose a different view:
   - **[Account name]**: View email for only one email account.
   - **All accounts**: View all email in a combined inbox.

Remove email accounts

Email accounts can be removed from your device.

1. From **Apps**, tap **Samsung** folder > **Email**.
2. Tap **Mailbox** > **Settings**.
3. Tap the account you want to remove.
4. Tap **Remove**, and confirm when prompted.

Email settings

Modify settings associated with using the Email app.

1. From **Apps**, tap **Samsung** folder > **Email**.
2. Tap **Mailbox** > **Settings**.
   - Under **General**, tap an option, and then follow the prompts.
   - Tap an account to configure specific settings for only that account.

Gallery

View, edit, and manage pictures and videos.

The following categories allow you to organize your content:

- **Pictures**: View pictures and videos in the order they were saved. Content is organized by date.
- **Albums**: Create custom albums to organize your pictures and videos.
- **Stories**: Create custom collections of related pictures and videos and share them with your contacts.

View pictures

Pictures stored on your device are viewable in the Gallery app.

1. From **Apps**, tap **Gallery** > **Pictures**.
2. Tap a picture to view it. Swipe left or right to view other pictures or videos.
   - To mark the picture as a favorite, tap **Favorite**. The picture is added to Favorites under the Albums tab.
   - To access the following features, tap **More options**:
     - **Details**: View and edit information about the picture, including the date created, location, and properties.
     - **Set as wallpaper**: Set the picture as wallpaper.
     - **Show date and location tags**: See date and location tags when viewing your pictures.

- **Print**: Send the picture to a connected printer.
- **Open in Photo Editor Pro**: Edit the picture in Photo Editor Pro.

Edit pictures

Edit pictures stored on your device.

1. From **Apps**, tap **Gallery** > **Pictures**.
2. Tap a picture to view it.
   - **Transform**: Rotate, flip, crop, or make other changes to the overall appearance of the picture.
   - **Effects**: Add color effects.
   - **Stickers**: Overlay illustrated or animated stickers.
   - **Draw**: Add handwritten text or hand drawn content.

Play video

Play videos stored on your device.

1. From **Apps**, tap **Gallery** > **Pictures**.
2. Tap a video to view it. Swipe left or right to view other pictures or videos.
   - To mark the video as a favorite, tap **Favorite**. The video is added to Favorites under the Albums tab.
   - To access the following features, tap **More options**:
     - **Details**: View and edit information about the video.
     - **Show date and location tags**: See date and location tags when viewing your videos.
3. Tap **Play video** to play the video.

Edit video

Edit videos stored on your device.

1. From **Apps**, tap **Gallery** > **Pictures**.
2. Tap a video to view it.
3. Tap **Edit** to use the following tools:
   - **Trim**: Cut segments of the video.
   - **Rotate**: Rotate the video clockwise.
   - **Effects**: Add visual effects to the video.
   - **Beauty face**: Enhance faces.
   - **Sticker**: Overlay illustrated or animated stickers.
   - **Audio**: Adjust the volume levels and add background music to the video.
4. Tap **Save**, and then confirm when prompted.

Share pictures and videos

Share pictures and videos from the Gallery app.

1. From **Apps**, tap **Gallery** > **Pictures**.
2. Tap **More options** > **Share**, and then tap pictures and videos to select them.
3. Tap **Share**, and then choose an app or connection to use for sharing your selection. Follow the prompts.

Delete pictures and videos

Delete pictures and videos stored on your device.

1. From **Apps**, tap **Gallery**.
2. Tap **More options** > **Edit**.
3. Tap pictures and videos to select them, or tap the **All** checkbox at the top of the screen to select all pictures and videos.
4. Tap **Delete**, and confirm when prompted.

Take a screenshot

Capture an image of your screen. It will automatically create a Screenshots album in the Gallery app.

- From any screen, press and hold the **Power** and **Volume down** keys.

Screenshot options

1. From **Settings**, tap **Advanced features**.
2. Tap **On/Off** to enable each of the following:
   - **Smart capture**: Capture an image of any scrollable areas of the screen that are currently hidden, as well as the area that is visible, and crop and share the screenshot immediately.
   - **Palm swipe to capture**: Capture an image of the screen by swiping the edge of your hand across it, from side to side, keeping in contact with the screen.

Internet

Access the Internet with a fully-featured web browser. For more information, visit samsung.com/us/support/owners/app/samsung-internet.

1. From **Apps**, tap **Samsung** folder > **Internet**.
2. Tap the address field, enter the web address, and then tap **Go** on the keyboard.
   - **Add to Bookmarks**: Add the current web page to bookmarks.
   - **Refresh**: Refresh or reload the current web page.
   - **Back** or **Back**: Return to the previous page.
   - **Forward**: Go forward to a recent page.
   - **Home**: Display your Internet Home screen.
   - **Bookmarks**: Manage bookmarked pages, saved pages, and history.

Quick menu

Access common features of your browser.

▶ Tap **Quick menu** for the following options:

- **Share**: Share the web page with others.
- **New tab**: Open a new tab.
- **Turn on Night mode**: Switch to Night mode.
- **Webpage text size**: Change the text size.
- **Close**: Close the Quick menu.
- **Settings**: Change Quick menu options.

Browser tabs

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

1. From **Apps**, tap **Samsung** folder > **Internet**.
2. Tap **New tab**.
   - To close a tab, tap **Close tab**.

Bookmarks

The Bookmarks page stores Bookmarks, Saved pages, and History.

Save a Bookmark

Bookmarking a web page saves the web address so that you can access it quickly.

1. From **Apps**, tap **Samsung** folder > **Internet**.
2. Tap **Add to Bookmarks**.

Open a Bookmark

Quickly launch a web page from the Bookmarks page.

1. From **Apps**, tap **Samsung** folder > **Internet**.
2. Tap **Bookmarks** > **Bookmarks**.
3. Tap a bookmark entry.

Save a web page

Saving a web page stores its content on your device so that you can access it offline.

1. From **Apps**, tap **Samsung** folder > **Internet**.
2. Tap **More options** > **Save webpage**.

Open a saved web page

View a web page that has been saved.

1. From **Apps**, tap **Samsung** folder > **Internet**.
2. Tap **Bookmarks** > **Saved pages**.
3. Tap a saved page.

View history

To view a list of recently visited web pages:

▶ Tap **Bookmarks** > **History**.

Share pages

Web pages can be shared with your contacts.

1. From **Apps**, tap **Samsung** folder > **Internet**.
2. Tap **More options** > **Share**, and follow the prompts.

Secret mode

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

Any downloaded files remain on your device after you close the secret tab.

1. From **Apps**, tap **Samsung** folder > **Internet**.
2. Tap **More options** > **Turn on secret mode**.
3. Tap **Set password** to protect your Secret mode data with a password.

   – or –

   Tap **Don't use password**.

To turn off Secret mode:

1. From **Apps**, tap **Samsung** folder > **Internet**.
2. Tap **More options** > **Turn off secret mode**.

Internet settings

Modify settings associated with using the Internet app.

1. From **Apps**, tap **Samsung** folder > **Internet**.
2. Tap **More options** > **Settings**.
3. Tap an option and follow the prompts.

Kids Mode

Create a child-friendly environment on your device. The following apps are available: Drawing, Gallery, Camera, Music. All content available to the child is controlled in the Parental Controls section.

▶ From **Apps**, tap **Samsung** folder › **Kids Mode**.

My Files

View and manage files stored on your device, including images, videos, music, and sound clips.

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

File groups

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

- **Recent files**: View recently accessed files.
  - This option displays if one or more files have been accessed recently.
- **Categories**: View your files based on the file type.
- **Tablet**: View folders and files located on the device and optional memory card (not included).
- **Cloud**: View files saved on your cloud accounts.
  - Cloud drives vary depending on the services you sign in to.

My Files options

Use My Files options to search, edit, clear file history, and more.

▶ From **Apps**, tap **Samsung** folder > **My Files**.

The following options are available:

- **Search**: Search for a file or folder.
- **More options**:
  - **Get more space**: View storage information for your device.
  - **Settings**: View settings for the app.

Samsung Flow

Connect your phone and tablet with Samsung Flow. You can then view notifications and reply to messages from your phone on your connected tablet. You can also use Mobile hotspot to access the Internet on your tablet through your phone's network connection when other networks are not available.

- From **Apps**, tap **Samsung** folder › **Samsung Flow**.

Samsung Notes

Use Samsung Notes to write and save notes. For more information, visit samsung.com/us/support/owners/app/samsung-notes.

1. From **Apps**, tap **Samsung Notes**.
2. Tap **Create** and type a note. Available options include:
   - **Text**: Use the keyboard to type text.
   - **Pen**: Use your finger to write text.
   - **Brush**: Create a drawing.
   - **Attach**: Insert an image or voice file into the note.
   - **More options** > **Turn on/off Rich text**: Use enhanced text formatting.
3. Tap **Save** when finished.

Edit notes

Make edits to notes you create.

1. From **Apps**, tap **Samsung Notes**.
2. Tap a note to view it.
3. Tap **Edit** to make changes.
4. Tap **Save**.

Browse notes

Browse notes you create.

▶ From **Apps**, tap **Samsung Notes**.

- Browse note entries by swiping up or down.
- To search for a note, tap **Search**.

Notes options

You can edit, share, or manage notes.

1. From **Apps**, tap **Samsung Notes**.
2. Tap **More options** for the following options:
    - **Edit**: Select notes to share, delete, or move.
    - **List/Grid view**: Switch between List view and Grid view.

SmartThings

Control your devices by monitoring them in one place. Check the status of your devices by looking at the dashboard.

Note: Non-Samsung connected device errors or defects are not covered by the Samsung warranty; contact the non-Samsung device manufacturer for support.

1. From **Apps**, tap **Samsung** folder › **SmartThings**, and sign in with your Samsung account.
2. Follow the prompts to begin using SmartThings.

Google apps

Enjoy these apps from Google. Certain apps require a Google Account. Visit google.com to learn more.



Chrome

Browse the Internet with Chrome™ and bring your open tabs, bookmarks, and address bar data from your computer to your mobile device.

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



Drive

Open, view, rename, and share files saved to your Google Drive™ cloud account.

Visit support.google.com/drive to learn more.



Gmail

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

Visit support.google.com/mail to learn more.



Google

Find online content with tools that learn what interests you. Turn on your personalized feed to receive customized content.



Hangouts

Meet friends and family online, share photos, host video calls, and send Hangouts™ messages.

Visit hangouts.google.com to learn more.



Maps

Get directions and other location-based information. You must enable location services to use Google Maps. For more information, see Location on page 86.

Visit support.google.com/maps to learn more.



Photos

Store and back up your photos and videos automatically to your Google Account with Google Photos™.

Visit support.google.com/photos to learn more.



Play Movies & TV

Watch movies and TV shows purchased from Google Play. You can also view videos saved on your device.

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



Play Music

Play music and audio files on your device.

Visit support.google.com/music to learn more.



Play Store

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

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



YouTube

Watch and upload YouTube™ videos right from your device.

Visit support.google.com/youtube to learn more.

Microsoft apps

Enjoy these Microsoft® apps.



Excel

View, create, and edit spreadsheet on your device. You can unlock the full Excel® experience with an Office 365 subscription.



OneDrive

Stay organized using text, pictures, or audio notes. Create Quick Notes or review and edit shared OneNote notebooks using OneDrive®.



PowerPoint

View, create, and edit presentations on your device. You can unlock the full PowerPoint® experience with an Office 365 subscription.



Skype

Hold video and voice calls, and send instant messages to anyone around the world.



Word

View, create, and edit documents on your device. You can unlock the full Word experience with an Office 365 subscription.

Settings

Access Settings	78
Connections	79
Sound	91
Notifications	95
Display	96
Device maintenance	98
Lock screen and security	112
Accounts	120
Accessibility	124
Other settings	128



Access Settings

There are a couple of ways to access your device settings.

- From a Home screen, swipe up to access **Apps**, and then tap **Settings**.

  – or –

  Drag down from the Status bar to display the Notification panel, and then tap **Settings**.

Search for Settings

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

1. From **Settings**, tap **Search tablet**.
2. Enter a word or words in the **Search tablet** field. As you type, settings that match display on the screen.
3. Tap an entry to go to that setting.

Connections

Manage connections between your device and a variety of networks and other devices.

Wi-Fi

Connect your device to a Wi-Fi network.

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

Manually connect to a Wi-Fi network

Connect your device to a Wi-Fi network that is hidden.

1. From **Settings**, tap **Connections** > **Wi-Fi**, and then tap **On/Off** to turn on Wi-Fi.
2. Tap **Add network** at the bottom of the list.
3. Enter information about the Wi-Fi network:
   - **Network name**: Enter the network name.
   - **Security**: Select a security option and enter your password.
   - **Auto reconnect**: Connect to this network automatically.
   - **Show advanced options**: Add advanced options, such as IP settings and Proxy settings.
4. Tap **Connect**.

Wi-Fi preferences

Customize advanced Wi-Fi services.

1. From **Settings**, tap **Connections** > **Wi-Fi**, and then tap **On/Off** to turn on Wi-Fi.
2. Tap **More options** > **Advanced**.
   - **Switch to mobile data**: Connect automatically to a mobile network connection when the Wi-Fi connection is unstable. When the Wi-Fi signal is strong, it switches back to Wi-Fi.
   - **Turn on Wi-Fi automatically**: Enable Wi-Fi in frequently used locations.
   - **Wi-Fi notifications**: Receive notifications when open networks in range are detected.
   - **Manage networks**: View your saved Wi-Fi networks.
   - **Wi-Fi control history**: View devices that have turned your Wi-Fi on or off.
   - **WPS push button**: Connect to a Wi-Fi network by pressing the WPS button on a router.
   - **WPS PIN entry**: Connect to a Wi-Fi network by entering your WPS PIN.
   - **Install network certificates**: Install authentication certificates.
   - **MAC address**: View your device's MAC address, which is required when connecting to some secured networks (not configurable).
   - **IP address**: View your device's IP address (not configurable).

Wi-Fi Direct

Wi-Fi Direct uses Wi-Fi capability to share data between devices. A Wi-Fi network connection is not required.

1. From **Settings**, tap **Connections** > **Wi-Fi**, and then tap **On/Off** to turn on Wi-Fi.
2. Tap **Wi-Fi Direct**.
   - Your device scans for discoverable Wi-Fi Direct devices.
3. Tap a device, and then follow the prompts to connect.

Share files with Wi-Fi Direct

Share files with another device using Wi-Fi Direct.

1. From an app, tap **Share**.

   – or –

   Tap **More options** > **Share**.
2. Tap **Wi-Fi Direct** and follow the prompts.

Receive files with Wi-Fi Direct

When another device attempts to send a file to your device using Wi-Fi Direct, your device begins downloading the file.

▶ To open the file, drag down the Status bar and tap **File received**.

Disconnect from Wi-Fi Direct

Disconnect your device from a Wi-Fi Direct device.

1. From **Settings**, tap **Connections** > **Wi-Fi** > **Wi-Fi Direct**.
2. Tap a device to disconnect it.

Bluetooth

Bluetooth allows you to pair your device to another Bluetooth-enabled device. Once a pairing is created, the devices continue to recognize their partnership and exchange information without having to re-enter a passcode.

1. From **Settings**, tap **Connections** > **Bluetooth**, and then tap **On/Off** to turn on Bluetooth.
   - Your device scans for discoverable Bluetooth devices. To scan again, tap **Scan**.
2. Tap a device, and follow the prompts to connect.

Rename a paired device

Rename a paired device to make it easier to recognize.

1. From **Settings**, tap **Connections** > **Bluetooth**, and then tap **On/Off** to turn on Bluetooth.
2. Tap **Settings** next to the previously paired device, and then tap **Rename**.
3. Enter a new name, and tap **Rename**.

Share files with Bluetooth

Use Bluetooth to transfer information to a paired device.

1. From an app, tap **Share**.

   – or –

   Tap **More options** > **Share**.
2. Tap **Bluetooth** and follow the prompts.

Receive files with Bluetooth

When another device attempts to send a file to your device using Bluetooth, you will see a request to accept the file.

1. Tap **Accept**.
2. To open the file, drag down the Status bar and tap **File received**.

Unpair from a Bluetooth device

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

1. From **Settings**, tap **Connections** > **Bluetooth**, and then tap **On/Off** to turn on Bluetooth.
2. Tap **Settings** next to the paired device, and then tap **Unpair** to delete the paired device.

Data usage

View your current mobile and Wi-Fi data usage.

▶ From **Settings**, tap **Connections** > **Data usage**.

Monitor Wi-Fi data

View your Wi-Fi data usage and set restrictions for Wi-Fi networks.

▶ From **Settings**, tap **Connections** > **Data usage**. The following options are available:

- **Wi-Fi data usage**: View data usage over Wi-Fi connections.
- **Restrict networks**: Select networks to prevent apps that are running in the background from using them.

Tablet visibility

Allow other devices to find your mobile device and transfer files.

- From **Settings**, tap **Connections** > **Tablet visibility**, and then tap **On/Off**.

Airplane mode

Airplane mode disconnects your device from all networks and turns off connectivity features.

1. From **Settings**, tap **Connections** > **Airplane mode**.
2. Tap **On/Off** to enable this feature.

Location

Some apps may require one or more location services be turned on for full functionality.

1. From **Settings**, tap **Connections** > **Location**.
2. Tap **On/Off** to turn on Location services.
3. Tap **Locating method** to select how your location is determined:
   - **High accuracy**: Uses GPS and Wi-Fi.
   - **Battery saving**: Uses Wi-Fi.
   - **Tablet only**: Uses GPS only.
4. Tap **Improve accuracy** to use other connections for determining your location:
   - **Wi-Fi scanning**: Allow apps and services to scan for Wi-Fi networks automatically, even when Wi-Fi is turned off.
   - **Bluetooth scanning**: Allow apps to scan for and connect to nearby devices automatically through Bluetooth, even when Bluetooth is turned off.

Recent location requests

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

1. From **Settings**, tap **Connections** > **Location**.
2. Tap **On/Off** to turn on Location services.
3. Tap an entry under **Recent location requests** to view the app's settings.

Location services

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

1. From **Settings**, tap **Connections** > **Location**.
2. Tap an entry under **Location services** to use as a location service.

Nearby device scanning

Scan for nearby devices to connect to and set them up easily. You receive a notification when there are available devices to connect to.

1. From **Settings**, tap **Connections** > **More connection settings** > **Nearby device scanning**.
2. Tap **On/Off** to enable the feature.

Connect to a printer

Connect your device to a printer on the same Wi-Fi network.

1. From **Settings**, tap **Connections** > **More connection settings** > **Printing**.
2. Tap **Add service** and follow the prompts to add a print service.
3. Tap the print service, and then tap **More options** > **Add printer**.

Virtual Private Networks

Set up and manage your Virtual Private Networks (VPNs). You must set a secured screen lock before setting up a VPN. For more information, see Set a secure screen lock on page 112.

1. From **Settings**, tap **Connections** > **More connection settings** > **VPN**.
2. Tap **Add VPN** and follow the prompts to set up your VPN.

Manage a VPN

Use the VPN settings menu to edit or delete a VPN connection.

1. Tap **Settings** > **Connections** > **More connection settings** > **VPN**.
2. Tap **Settings** next to a VPN.
3. Edit the VPN and tap **Save**.

   – or –

   Tap **Delete** to delete the VPN.

Connect to a VPN

Once you have set up a VPN connection, connecting to and disconnecting from a VPN is easy.

1. From **Settings**, tap **Connections** > **More connection settings** > **VPN**.
2. Tap a **VPN**, enter your log in information, and tap **Connect**.
   - To disconnect, tap the VPN, and then tap **Disconnect**.

Ethernet

Connect to a network using an Ethernet connection.

- From **Settings**, tap **Connections** > **More connection settings** > **Ethernet**, and follow the prompts.

Sound

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

Sound mode

Switch between sound modes, while preserving the individual sound settings you have made.

▶ From **Settings**, tap **Sounds and vibration** › **Sound mode**, and then choose a mode:

- **Sound**: Use the sounds, vibrations, and volume levels you have chosen in Sound settings for notifications and alerts.
- **Mute**: Set your device to make no sounds.
  - **Temporary mute**: Set a time limit for muting the device.

Easy mute

Mute sounds and videos by covering the screen or turning over the device.

▶ From **Settings**, tap **Advanced features** › **Easy mute**, and tap **On/Off** to enable.

Volume

Set the volume level for notifications and other audio.

▶ From **Settings**, tap **Sounds and vibration** › **Volume**, and drag the sliders.

Note: You can also use the **Volume** key to adjust the volume. Tap **More** to customize all volume options.

Use Volume keys for media

Set the default of the Volume key to control the media volume.

1. From **Settings**, tap **Sounds and vibration**.
2. Tap **Use Volume keys for media** to enable this feature.

Media volume limiter

Limit the maximum output of the device's volume while using headphones or Bluetooth speakers (not included).

1. From **Settings**, tap **Sounds and vibration** › **Volume**.
2. Tap **More options** › **Media volume limiter**.
3. Tap **On/Off** to enable this feature.
   - To set the maximum output volume, drag the **Custom volume limit** slider.
   - To require a PIN to make changes to the volume setting, tap **Set volume limit PIN**.

Notification sounds

Customize notification sounds for certain apps or choose a default for all notifications.

▶ From **Settings**, tap **Sounds and vibration** › **Notification sounds** and tap a sound to choose it.

Do not disturb

Set your device to mute all or some notifications and sounds during specific time periods.

▶ From **Settings**, tap **Sounds and vibration** > **Do not disturb** and configure the following:

- **Turn on now**: Enable this option.
- **Turn on as scheduled**: Configure **Days**, **Start time**, and **End time** to set up a do not disturb schedule.
- **Allow exceptions**: Customize which notifications are allowed while your device is in Do not disturb mode.
- **App rules**: Manage rules set by apps.
- **Hide visual notifications**: Select options for preventing visual notifications for apps silenced by Do not disturb.

System sounds

Set various other system sound options.

▶ From **Settings**, tap **Sounds and vibration**, and tap to enable each option:

- **Touch sounds**: Play tones when you touch or tap the screen to make selections.
- **Screen lock sounds**: Play a sound when you unlock the screen.
- **Charging sound**: Play a sound when a charger is connected.

Key-tap feedback

Play tones when keys are tapped.

▶ From **Settings**, tap **Sounds and vibration**, and then tap to enable each option:

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

Sound quality and effects

Choose from advanced sound options to customize your audio experience.

▶ From **Settings**, tap **Sounds and vibration** > **Sound quality and effects**. The following options are available:

- **Dolby Atmos**: Transform your experience with audio that surrounds you.
- **Equalizer**: Choose an audio preset that is customized to different genres of music.
- **Advanced/Basic**: Manually adjust various sound qualities.
- **Tube Amp Pro**: Simulate the soft timbre of a tube amplifier.
- **Concert hall**: Simulate the reverb of a concert hall.
- **Adapt Sound**: Customize your sound settings.

Separate app sound

You can choose to have an app play sound on a speaker or headphones separate from the rest of the sounds on your device.

1. From **Settings**, tap **Sounds and vibration** > **Separate app sound**.
2. Tap **On/Off** to enable Separate app sound, and then set the following options:
   - **Apps**: Choose an app to play its sound on a separate audio device.
   - **Audio device**: Choose the audio device that you want the app's sound to be played on.

Notifications

Select which apps you want to receive alerts from. Alerts include notifications, sounds, and vibrations.

Manage notifications

Allow or block notifications from apps and services.

▶ From **Settings**, tap **Notifications**.

- To customize App icon badges, tap **App icon badges**.
- To enable notifications, tap **All apps**, or tap **On/Off** next to an app.
- To configure additional notification settings, tap **Advanced**.
- To customize individual notification settings, tap an app or service.

Display

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

Screen off settings

Customize when the screen turns off.

1. From **Settings**, tap **Display**.
2. Tap an option to customize:
   - **Screen timeout**: Turn the screen off after a set amount of time.
   - **Screen saver**: Display colors or images after the screen has turned off or while charging.
   - **Double tap to wake up**: Turn on the screen by double tapping anywhere on it.

Screen brightness

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

1. From **Settings**, tap **Display**.
2. Customize options under Brightness:
   - Drag the **Brightness** slider to set a custom brightness level.
   - Tap **Auto brightness** to automatically adjust the screen brightness based on the lighting conditions.

Font and screen zoom

You can set the screen zoom level and the font size and style.

1. From **Settings**, tap **Display** > **Font and screen zoom** for the following options:
   - Drag the **Screen zoom** slider to adjust the zoom level.
   - Drag the **Font size** slider to adjust the size of text.
   - Tap a font to select it, or tap **Download fonts** to find new fonts from Galaxy Apps.
2. Tap to set the screen zoom and font.

Device maintenance

View the status of your device's battery, storage, and memory. You can also automatically optimize your device's system resources.

Quick optimization

The quick optimization feature improves device performance through the following actions:

- Identifying apps that use excessive battery power and clearing unneeded items from memory.
- Deleting unnecessary files and closing apps running in the background.
- Scanning for malware.

To use the quick optimization feature:

1. From **Settings**, tap **Device maintenance**.
2. Tap **Optimize now**.

Battery

View how battery power is used for device activities.

▶ From **Settings**, tap **Device maintenance** > **Battery** for options:

- **Battery usage**: View power usage by item.
- **Power saving mode**: Select a power mode to extend battery life.
- **App power monitor**: View power usage by app.
- **Unmonitored apps**: Select apps to exclude from being put to sleep by the App power monitor.
- **Always sleeping apps**: Select apps to put to sleep immediately when not being used.
- **More options** > **Advanced settings**: Configure advanced battery settings and notifications.

Storage

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

▶ From **Settings**, tap **Device maintenance** › **Storage**.

- To increase available memory, tap **Clean now**.

Memory card (SD card)

Once an optional memory card (not included) has been installed in your device, the card memory is displayed in the Storage setting.

For more information, see Install a memory card on page 5.

Mount a memory card

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

1. From **Settings**, tap **Device maintenance** › **Storage**.
2. Tap **More options** › **Storage settings**.
3. Under **Portable storage**, tap your SD card, and then tap **Mount**.

Remove a memory card

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

1. From **Settings**, tap **Device maintenance** > **Storage**.
2. Tap **More options** > **Storage settings**.
3. Under **Portable storage**, tap your SD card, and then tap **Unmount**.
4. Remove your memory card from the device.

Format a memory card

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

1. From **Settings**, tap **Device maintenance** > **Storage**.
2. Tap **More options** > **Storage settings**.
3. Under **Portable storage**, tap your SD card, tap **Format**, and then follow the prompts.

Memory

Check the amount of available memory. You can close background apps and reduce the amount of memory you are using to speed up your device.

1. From **Settings**, tap **Device maintenance** › **Memory**.
   - The used and available memory are shown.
2. To free up as much memory as possible, tap **Clean now** and follow the prompts.
   - The selected apps and services in the list will be closed.

Device security

Enable and configure security services for your device.

▶ From **Settings**, tap **Device maintenance** › **Device security** for the following options:

- Tap **Scan tablet** to scan for security threats.

Language and input

Configure your device's language and input settings.

Change the device language

You can add languages to your list and organize them according to preference. If an app does not support your default language, then it will move to the next supported language in your list.

1. From **Settings**, tap **General management** > **Language and input** > **Language**.
2. Tap **Add language**, and select a language from the list.
3. Tap **Set as default** to change the device language.
   - To switch to another language on the list, drag **Move** next to the desired language to the top of the list, and then tap .

Default keyboard

You can select a default keyboard for your device's menus and keyboards. Additional keyboards can be downloaded from the Google Play store.

1. From **Settings**, tap **General management** > **Language and input**.
2. Tap **Default keyboard**, and select a keyboard.

Google Voice typing

Speak rather than type your text entries using Google voice typing.

1. From **Settings**, tap **General management** > **Language and input**.
2. Tap **On-screen keyboard** > **Google voice typing**.
   - **Languages**: Select languages for Google voice typing.
   - **Voice Match**: Train Google Assistant to recognize your voice when you say "Ok Google".
   - **Hands-free**: Allow requests with the device locked.
   - **Speech output**: Select options for spoken feedback.
   - **Offline speech recognition**: Download and install speech recognition engines, allowing you to use voice input while not connected to the network.
   - **Block offensive words**: Hide search results that contain offensive words.
   - **Bluetooth headset**: Records audio through a Bluetooth headset, if available.

Manage on-screen keyboards

Enable or disable on-screen keyboards.

1. From **Settings**, tap **General management** > **Language and input**.
2. Tap **On-screen keyboard** > **Manage keyboards**.
3. Tap each keyboard to enable or disable.

Physical keyboards

Customize options when you have a physical keyboard connected to your device (sold separately).

1. From **Settings**, tap **General management** > **Language and input**.
2. Tap **Physical keyboard**, and then choose an option:
   - **Show on-screen keyboard**: Show the on-screen keyboard while a physical keyboard is also being used.
   - **Keyboard shortcuts**: Show explanations of the keyboard shortcuts on the screen.

Show keyboard button

Show a button on the Navigation bar to quickly switch between keyboards.

1. From **Settings**, tap **General management** > **Language and input**.
2. Tap **Show keyboard button** to enable this feature.

Autofill service

Save time entering information using autofill services.

1. From **Settings**, tap **General Management** > **Language and input**.
2. Tap **Autofill service** and select your preferred service.

Text-to-speech options

Configure your Text-to-Speech (TTS) options. TTS is used for various accessibility features, such as Voice Assistant.

▶ From **Settings**, tap **General management** › **Language and input** › **Text-to-speech** for options:

- **Preferred engine**: Choose either the Samsung or Google Text-to-speech engine. Tap **Settings** for options.
- **Use system language**: Set the default speech language.
- **Speech rate**: Set the speed at which the text is spoken.
- **Pitch**: Set the pitch of the speech.
- **Play**: Tap to play a short demonstration of speech synthesis.
- **Reset**: Reset the speech rate and pitch.

Pointer speed

Configure pointer speed for an optional mouse or trackpad (not included).

1. From **Settings**, tap **General management** › **Language and input**.
2. Under **Pointer speed**, drag the slider to the right to go faster or to the left to go slower.

Date and time

By default, your device receives date and time information from the wireless network. Outside of network coverage, you can set the date and time manually.

▶ From **Settings**, tap **General management** › **Date and time**. The following options are available:

- **Automatic date and time**: Receive date and time updates from your wireless network. When Automatic date and time is disabled, the following options are available:
  - **Set date**: Enter the current date.
  - **Set time**: Enter the current time.
- **Select time zone**: Choose a new time zone.
- **Use 24-hour format**: Set the format for displaying time.

Report diagnostic information

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

1. From **Settings**, tap **General management** › **Report diagnostic info to Samsung**.
2. Read and accept the consent information to enable this feature.

Marketing information

Enable Marketing information to receive special offers, membership benefits, and newsletters by email and push notifications.

1. From **Settings**, tap **Device maintenance** > **Marketing information**.
2. Tap **I agree to receive marketing information**, and then tap **OK**.

Reset

Reset device and network settings. You can also reset your device to its factory defaults.

Reset settings

You can reset your device to its factory default settings, which resets everything except the security, language, and account settings. Personal data is not affected.

1. From **Settings**, tap **General management** > **Reset** > **Reset settings**.
2. Tap **Reset settings**, and confirm when prompted.

Reset network settings

You can reset Wi-Fi, mobile data, and Bluetooth settings with Reset network settings.

1. From **Settings**, tap **General management** > **Reset** > **Reset network settings**.
2. Tap **Reset settings**, and confirm when prompted.

Factory data reset

You can reset your device to factory defaults, erasing all data from your device.

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. Any data stored on an external SD card is not affected.

Note: When you sign in to a Google Account on your device, Factory Reset Protection is activated. This protects your device in the event it is lost or stolen.

If you reset your device to factory default settings with the Factory Reset Protection (FRP) feature activated, you must enter the user name and password for a registered Google Account to regain access to the device. You will not be able to access the device without the correct credentials.

Warning: If you reset your Google Account password, it can take 24 hours for the password reset to sync with all devices registered to the account.

Before resetting your device:

1. Verify that the information you want to keep has transferred to your storage area.
2. Log in to your Google Account and confirm your user name and password.

To reset your device:

1. From **Settings**, tap **General management** > **Reset** > **Factory data reset**.
2. Tap **Reset** and follow the prompts to perform the reset.
3. When the device restarts, follow the prompts to set up your device.

Factory reset protection

When you sign in to a Google Account on your device, Factory Reset Protection is activated. Factory Reset Protection (FRP) prevents other people from using your device if it is reset to factory settings without your permission. For example, if your device is lost or stolen and a factory data reset is performed, only someone with your Google Account username and password can use the device.

You will not be able to access the device after a factory data reset if you do not have your Google Account username and password.

Caution: Before shipping your device back to Samsung or taking it to your nearest Samsung-authorized service center, you should remove your Google Account before resetting the device back to factory settings. For more information, visit samsung.com/us/support/frp.

Enable factory reset protection

Adding a Google Account to your device automatically activates the FRP security feature.

Disable factory reset protection

To disable FRP, remove all Google Accounts from the device.

1. From **Settings**, tap **Cloud and accounts** > **Accounts** > **[Google account]**.
2. Tap **Remove account**.

Auto restart

Optimize your device by restarting it automatically at set times. Any unsaved data will be lost when the device restarts.

1. From **Settings**, tap **General management** > **Reset** > **Auto restart**.
2. Tap **On/Off** to activate Auto restart, and then set the following parameters:
   - **Time**: Set the time of day to restart your device.
   - **Day**: Select the day of the week to automatically restart your device.

Software update

Check for and install available software updates for your device.

▶ From **Settings**, tap **Software update** for the following options:

- **Download updates manually**: Check for software updates.
- **Download updates automatically**: Update software automatically.
- **Scheduled software updates**: Install software updates at a time you set.
- **Last update information**: View information about the last software update.

Lock screen and security

Secure your device and protect your data with Lock screen and security settings.

Screen lock types

The various Screen lock types offer high, medium, or no security. Choose from the following: Swipe, Pattern, PIN, Password, and None.

Set a secure screen lock

It is recommended that you secure your device using a secure screen lock (Pattern, PIN, or Password).

1. From **Settings**, tap **Lock screen** > **Screen lock type** and tap a secure screen lock (**Pattern**, **PIN**, or **Password**).
2. Tap **On/Off** to enable showing notifications on the lock screen. The following options are available:
   - **Hide content**: Enable to hide the content of notifications.
   - **Notification icons only**: Enable to hide notification details and show only the icon.
   - **Transparency**: Adjust the transparency of notifications.
   - **Auto-reverse text color**: Reverse the color of notification text automatically based on the background color.
3. Tap **Done** when finished.
4. Configure the following screen lock options:
   - **Smart Lock**: Unlock your device automatically when trusted locations or other devices have been detected. A secure screen lock is required for this feature.

- **Secure lock settings**: Customize your secure lock settings. A secure screen lock is required for this feature.

Biometrics

The following biometric lock types are available:

- **Face recognition**: Use facial recognition to unlock your device. For more information, see Face recognition on page 22.

Clock and information

Configure features for the Lock screen.

▶ From **Settings**, tap **Lock screen** for options:

- **Clock style**: Set the type and color of the clock on the Lock screen.
- **FaceWidgets**: Enable widgets on the Lock screen to get quick access to useful information.
- **Contact information**: Show your contact information, such as your phone number or email address.
- **Notifications**: Select which notifications to display on the Lock screen.
- **App shortcuts**: Select which apps to open from the Lock screen.
- **About Lock screen**: Learn more about the Lock screen feature.

Google Play Protect

Configure app safety checks from Google Play.

1. From **Settings**, tap **Biometrics and security** > **Google Play Protect**.
2. Tap options to customize security.

Find My Mobile

Protect your device from loss or theft allowing your device to be locked, tracked, and for your data to be deleted remotely. For more information, visit samsung.com/us/support/owners/app/find-my-mobile. You must sign up for a Samsung account and enable Google location service to use Find My Mobile.

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

1. From **Settings**, tap **Biometrics and security** > **Find My Mobile**.
2. Enter your Samsung account password or, if you are not logged in to your Samsung account, tap **Add account** and follow the prompts. The following options are available:
   - **Remote controls**: Activate or deactivate Remote controls, which allows you to access your device remotely.
   - **Google location service**: Activate or deactivate Google location service. This service must be on in order to find your device.
   - **Send last location**: Allow your device to send its last location to the Find My Mobile server when the battery falls below a certain level.

Security update

Check the date of the last security software update.

▶ From **Settings**, tap **Biometrics and security** > **Security update** to see if the latest security update is installed.

Install unknown apps

Allow selected apps to install unknown third-party apps.

1. From **Settings**, tap **Biometrics and security** > **Install unknown apps**.
2. Tap an app.
3. Tap **Allow from this source** to enable apps to be installed using this app.

Secure Folder

Lock your private content and apps to enhance security. You must sign in to your Samsung account in order to use Secure Folder. You must also set a secure lock for your device.

- From **Settings**, tap **Biometrics and security** > **Secure Folder** and follow the prompts to secure content on your device.

App permission monitor

Get notified when permissions you select are being used by apps running in the background.

1. From **Settings**, tap **Biometrics and security** > **App permission monitor**.
2. Tap **On/Off** next to the apps you want to be notified about when they use certain permissions.

Secure startup

Protect your device by requiring a numeric PIN, pattern, or password to be entered before it starts up. You must have a secured screen lock for this option to be available.

- From **Settings**, tap **Biometrics and security** > **Secure startup** and select an option.

Encrypt SD card

Protect your optional memory (not included) card by encrypting its data.

1. From **Settings**, tap **Biometrics and security** > **Encrypt SD card**.
2. Tap **Encrypt SD card** and follow the prompts to encrypt all data on your memory card.

View passwords

Display password characters briefly as you type them.

- From **Settings**, tap **Biometrics and security** > **Other security settings** > **Make passwords visible** to enable the feature.

Security update service

Automatically receive security updates.

▶ From **Settings**, tap **Biometrics and security** › **Other security settings** for the following Security update service options:

- **Security policy updates**: Automatically or manually check for security policy updates.
  - Automatic updates can also be limited to only when your device is connected to a Wi-Fi network.
- **Send security reports**: Use Wi-Fi to send security reports to Samsung for threat analysis.

Device administration

Manage your device administrators and application installation privileges.

1. From **Settings**, tap **Biometrics and security** › **Other security settings** › **Device admin apps**.
2. Tap an option to enable it as a device administrator.

Credential storage

Manage your security certificates. You can disable or remove certificates.

▶ From **Settings**, tap **Biometrics and security** > **Other security settings** for the following options:

- **Storage type**: Select a storage location for credential contents.
- **View security certificates**: Display certificates in your device's ROM and other certificates you have installed.
- **User certificates**: View user certificates.
- **Install from device storage**: Install a new certificate from storage.
- **Clear credentials**: Erase the credential contents from the device and reset the password.

Advanced security settings

Use these options to configure advanced security settings.

▶ From **Settings**, tap **Biometrics and security** > **Other security settings** for the following advanced options:

- **Trust agents**: Perform selected actions when trusted devices are connected.
  - This option is only displayed when a lock screen is enabled. For more information, see Set a secure screen lock on page 112.
- **Pin windows**: Pin an app on your device screen, preventing access to other features of your device.
- **Usage data access**: View the applications that can access your device's usage history.

- **Notification access**: View the applications that can access notifications you receive on your device.
- **Do not disturb permission**: View which apps have permission to change the Do not disturb settings.

Accounts

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

Samsung Cloud

Keep your data safe by backing up and restoring your device. You can also sync your data from multiple devices. For more information, visit samsung.com/us/support/owners/app/samsung-cloud.

1. From **Settings**, tap **Cloud and accounts** > **Samsung Cloud**.
   - If a Samsung account has not been added, follow the prompts to add one.
2. Once a Samsung account is configured, you can view and manage items stored in the Samsung Cloud.

Add an account

You can add and manage all your email, social networking, and picture and video sharing accounts.

1. From **Settings**, tap **Cloud and accounts** > **Accounts** > **Add account**.
2. Tap one of the account types.
3. Follow the prompts to enter your credentials and set up the account.
   - Tap **[[[Undefined variable Variables.AutoSyny]]]** to enable automatic updates to your accounts.

Account settings

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

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

1. From **Settings**, tap **Cloud and accounts** > **Accounts** > **[Account type]**.
2. Tap an account to configure that account's sync settings.
3. Tap other available options for the account type.

Remove an account

You can remove accounts from your device.

1. From **Settings**, tap **Cloud and accounts** > **Accounts** > **[Account type]**.
2. Tap the account and then tap **Remove account**.

Backup and restore

Configure your device to backup data to your personal accounts.

Samsung account

Enable backup of your information to your Samsung account.

▶ From **Settings**, tap **Cloud and accounts** › **Backup and restore** for options:

- **Back up data**: Configure your Samsung account to back up your data.
- **Restore data**: Use your Samsung account to restore your backup data.

Google account

Enable backup of your information to your Google account.

▶ From **Settings**, tap **Cloud and accounts** › **Backup and restore** 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.

External storage transfer

Back up your data to an SD card or USB storage device, or restore backup data using Smart Switch. For more information, see Transfer data from your old device on page 9.

- From **Settings**, tap **Cloud and accounts** > **Backup and restore** > **External storage transfer**.

Google settings

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

- From **Settings**, tap **Google**, and select an option to customize.

Accessibility

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

For more information about Accessibility for Samsung products, please contact us at accessibility@sea.samsung.com.

Vision

You can turn on Accessibility features to assist with visual aspects of the device.

▶ From **Settings**, tap **Accessibility** > **Vision** and tap an option:

- **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.
- **Font and screen zoom**: Configure the screen zoom level and font size and style.
- **High contrast fonts**: Adjust the color and outline of fonts to increase the contrast with the background.

- **High contrast keyboard**: Adjust the size of the Samsung keyboard and change its colors to increase the contrast between the keys and the background.
- **Show button shapes**: Show buttons with shaded backgrounds to make them stand out.
- **Magnifier window**: Magnify content shown on the screen.
- **Magnification**: Use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Large mouse/touchpad pointer**: Enable a large pointer for a connected mouse or touchpad.
- **Remove animations**: Remove certain screen effects if you have sensitivity to animation or screen movement.
- **Color inversion**: Reverse the display of colors from white text on a black background to black text on a white background.
- **Color correction**: Adjust the color of the screen if you are color blind or have difficulty reading the display because of the screen color.

Hearing

You can turn on Accessibility features to assist with audio aspects of the device.

▶ From **Settings**, tap **Accessibility** › **Hearing** and tap an option:

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

Dexterity and interaction

You can turn on Accessibility features to assist with dexterity and interaction aspects of the device.

▶ From **Settings**, tap **Accessibility** › **Dexterity and interaction** and tap an option:

- **Assistant menu**: Improve the device accessibility for users with reduced dexterity.
- **Touch and hold delay**: Select a time interval for this action.
- **Click after pointer stops**: Automatically click on an item after the pointer stops over it.
- **Interaction control**: Customize interactable or non-interactable areas, hardkeys, and the keyboard.

More accessibility settings

Customize additional accessibility features for your device.

▶ From **Settings**, tap **Accessibility** and tap an option:

- **Text-to-speech**: Set your preferred TTS engine and options. For more information, see Text-to-speech options on page 105.
- **Direction lock**: Unlock the screen by swiping in a series of directions.
- **Direct access**: Open your accessibility settings by pressing the Volume up key and the Power key together.
- **Accessibility shortcut**: Quickly enable accessibility features using the Volume keys.
- **Notification reminder**: Beep at set intervals to remind you of any unread notifications.
- **Single tap mode**: Dismiss or snooze alarms, calendar events, and timer alerts with a single tap.
- **Accessibility settings backup**: Import and export your accessibility settings, or share them with other devices.

Accessibility services

Additional accessibility apps may be downloaded from the Google Play store.

1. From **Settings**, tap **Accessibility**.
2. Other installed accessibility services may be listed and configured under Services.

Other settings

Configure features on your device that make it easier to use.

User manual

View the user manual on your device.

▶ From **Settings**, tap **User manual**.

Automatic unlock

Open the cover to unlock the tablet. This feature only works if you're not using a secure screen lock or if Smart Lock is currently keeping your tablet unlocked.

1. From **Settings**, tap **Advanced features** › **Accessories**.
2. Tap **Automatic unlock** to enable the feature.

Daily Board

View a slideshow of your photos when your tablet is charging.

1. From **Settings**, tap **Advanced features** › **Daily Board**.
2. Tap **On/Off** to enable **Daily Board**.
3. Choose one of the following options:
   - **Add images**: Select images to appear in the slideshow.
   - **Transition speed**: Set the speed for changing pictures in the slideshow.
   - **Clock**: Show the current time on the slideshow.
   - **Weather**: Show the current weather on the slideshow.
   - **Auto start**: Start the slideshow automatically when the device is put into charging mode.
   - **Turn off as scheduled**: Set a schedule time to turn the device off.
     - **Set time**: Select a turn off time.

- **About Daily Board**: View the app version and other information.

Device assistance app

Device assistance app helps you by gathering information from the screen currently shown.

1. From **Settings**, tap **Advanced features** > **Device assistance app**.
2. Tap an option to customize:
   - **Device assistance app**: Select your default assistance app.
   - **Analyze on-screen text**: Analyze text shown on the screen to provide related content.
   - **Analyze on-screen images**: Take and analyze images of the screen.

About tablet

View information about your device, including current status, legal information, hardware and software versions, and more.

1. From **Settings**, tap **About tablet**, and then view your model number, serial number, and IMEI information.
2. Tap additional items to view more information about your device.

Getting help



Videos

samsung.com/spsn



Smart Simulator

samsungsimulator.com



Tips

samsung.com/us/support/videos



Samsung Care

samsung.com/us/support

Legal

View legal information for your device.

Legal information

READ THIS INFORMATION BEFORE USING YOUR MOBILE DEVICE.

Arbitration Agreement - This Product is subject to a binding arbitration agreement between you and SAMSUNG ELECTRONICS AMERICA, INC. ("Samsung"). You can opt out of the agreement within 30 calendar days of the first consumer purchase by emailing optout@sea.samsung.com or calling 1-800-SAMSUNG (726-7864) and providing the applicable information. For complete terms and conditions that bind you and Samsung, refer to the "Arbitration Agreement" section of the Terms & Conditions, included with the Product.

Find legal information online

The full Arbitration Agreement, Standard Limited Warranty, End User License Agreement (EULA), and Health & Safety Information for your device are available online.

Arbitration Agreement, Standard Limited Warranty, and Health & Safety Information:

Phone:

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

Tablet:

- English: samsung.com/us/Legal/Tablet-HSGuide
- Spanish: samsung.com/us/Legal/Tablet-HSGuide-SP

End User License Agreement:

- English: samsung.com/us/Legal/SamsungLegal-EULA4
- Spanish: samsung.com/us/Legal/SamsungLegal-EULA4/#SPANISH

Find legal information on the mobile device

The full Arbitration Agreement, Standard Limited Warranty, End User License Agreement (EULA) and Health & Safety Information are also available on the device, in the Samsung legal section of Settings. The location depends on the device, and is usually in the "About device" or "About phone" section, for example:

- **Settings** > **About phone** or **About device** or **About tablet** > **Legal information** > **Samsung legal**
- Or, use the Search feature to search for "Legal".

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- **workmanship of the Product or the components contained therein; or**
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Samsung Knox

Samsung Knox is Samsung's security platform and is a mark for a Samsung device tested for security with enterprise use in mind. Additional licensing fee may be required. For more information about Knox, please refer to: samsung.com/us/knox.

Restricting children's access to your mobile device

Your mobile device is not a toy. Do not allow children under the age of 3 to play with it because they could hurt themselves or others or damage the device. If parents choose to allow children 3 or older to use the device, they should make sure that there is adequate supervision of children while using the device to guard against damage to the device and use of services that may increase wireless or other charges.

⚠ WARNING:
CHOKING HAZARD - Small parts.
Not for children under 3 years.

Parental control settings should be enabled to ensure that children do not have access to services or content not approved by the parent. Routinely check this device to ensure it is working properly and is safe for children to use.

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Screen images are simulated. Appearance of device may vary.

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.

Please check with your service provider to verify qualifying services/features.