SAMSUNG

SM-T670

User Manual

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Basics

Read me first

Please read this manual before using the device to ensure safe and proper use.

- Descriptions are based on the device's default settings.
- Some content may differ from your device depending on the region, service provider, model specifications, or device's software.
- Content (high quality content) that requires high CPU and RAM usage will affect the overall performance of the device. Apps related to the content may not work properly depending on the device's specifications and the environment that it is used in.
- Samsung is not liable for performance issues caused by apps supplied by providers other than Samsung.
- Samsung is not liable for performance issues or incompatibilities caused by edited registry settings or modified operating system software. Attempting to customize the operating system may cause the device or apps to work improperly.
- Software, sound sources, wallpapers, images, and other media provided with this device are licensed for limited use. Extracting and using these materials for commercial or other purposes is an infringement of copyright laws. Users are entirely responsible for illegal use of media.
- You may incur additional charges for data services, such as messaging, uploading and downloading, auto-syncing, or using location services depending on your data plan. For large data transfers, it is recommended to use the Wi-Fi feature.
- Default apps that come with the device are subject to updates and may no longer be supported without prior notice. If you have questions about an app provided with the device, contact a Samsung Service Centre. For user-installed apps, contact service providers.
- Modifying the device's operating system or installing softwares from unofficial sources may result in device malfunctions and data corruption or loss. These actions are violations of your Samsung licence agreement and will void your warranty.

Instructional icons

⚠️ **Warning**: situations that could cause injury to yourself or others

⚠️ **Caution**: situations that could cause damage to your device or other equipment

🔔 **Notice**: notes, usage tips, or additional information

Package contents
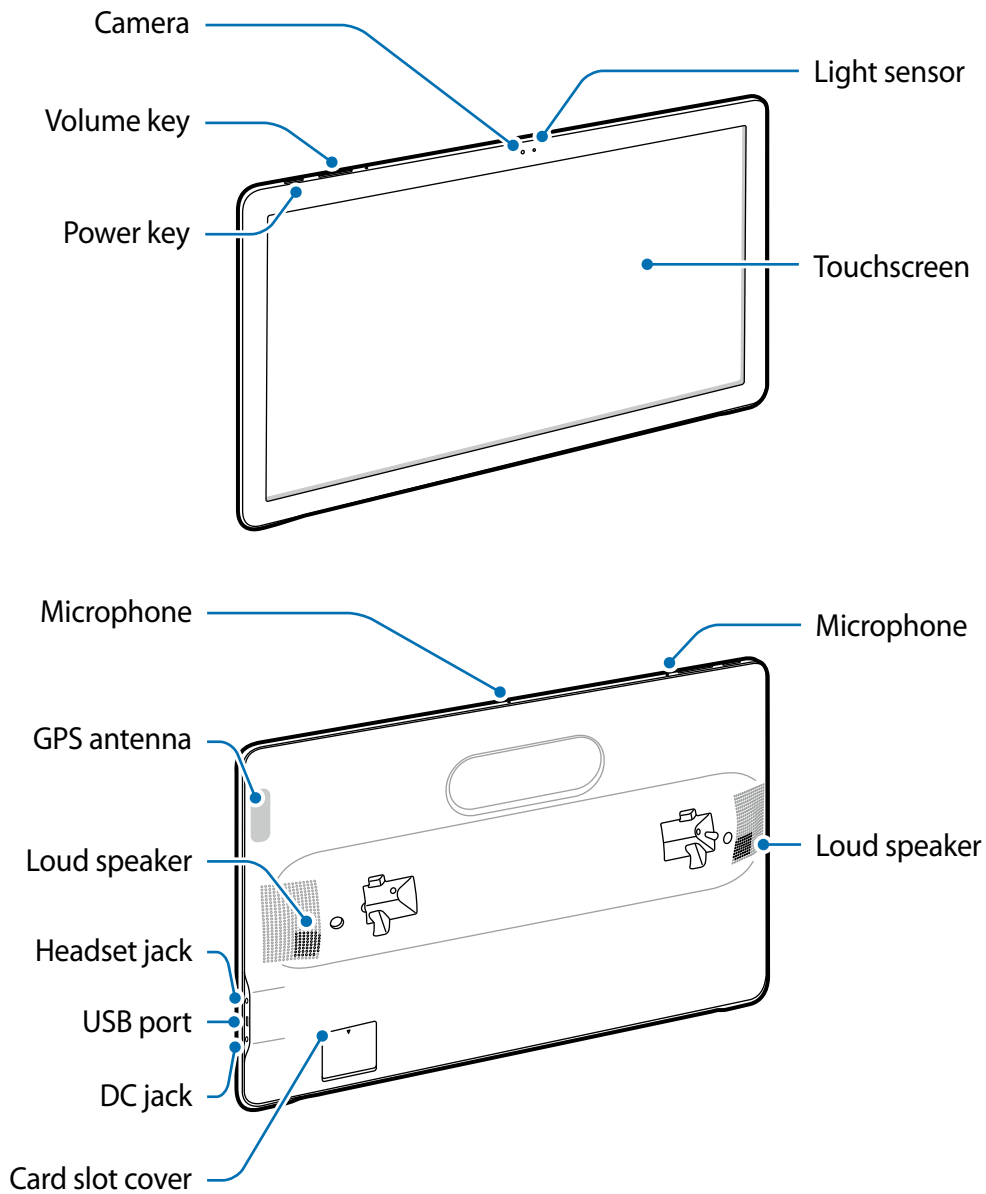
Check the product box for the following items:

- Device
- Charger
- Quick start guide

🔔
- The items supplied with the device and any available accessories may vary depending on the region or service provider.
- The supplied items are designed only for this device and may not be compatible with other devices.
- Appearances and specifications are subject to change without prior notice.
- You can purchase additional accessories from your local Samsung retailer. Make sure they are compatible with the device before purchase.
- Use only Samsung-approved accessories. Using unapproved accessories may cause the performance problems and malfunctions that are not covered by the warranty.
- Availability of all accessories is subject to change depending entirely on manufacturing companies. For more information about available accessories, refer to the Samsung website.

Device layout

Device

Camera

Light sensor

Volume key

Power key

Touchscreen

Microphone

Microphone

GPS antenna

Loud speaker

Loud speaker

Headset jack

USB port

DC jack

Card slot cover

- Do not cover the antenna area with your hands or other objects. This may cause connectivity problems or drain the battery.

- Using a Samsung-approved screen protector is recommended. Unapproved screen protectors may cause the sensors to malfunction.

- Do not allow water to contact the touchscreen. The touchscreen may malfunction in humid conditions or when exposed to water.

Keys

Key	Function
Power	• Press and hold to turn the device on or off. • Press to turn on or lock the screen.
Volume	• Press to adjust the device volume.

Stand

Use you device as a monitor for watching TV or movies, or for sharing content. You can also use the handle on the stand to carry the device.

🔔 Always leave the stand attached to the device.

Using the stand

When you stand the device up, always ensure that the upper part of the stand and the device are connected. Also, place the device on a flat surface. If you do not, the device may fall and be damaged.
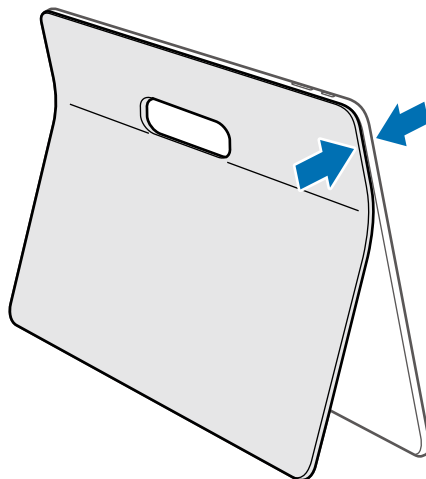
Carrying the device

You can hold the stand's handle and carry the device.

To hold the device safely, put your fingers through the handle and place them between the device and the stand.
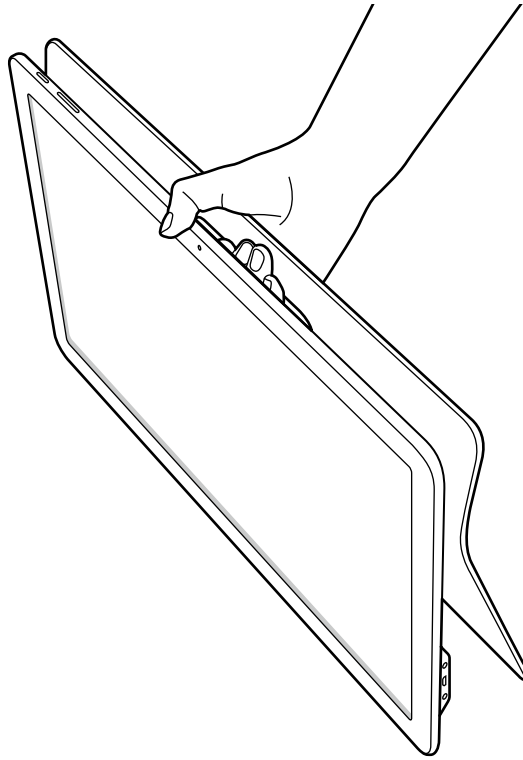
Battery

Charging the battery

Charge the battery before using it for the first time or when it has been unused for extended periods.

> ⚠ Use only Samsung-approved chargers, batteries, and cables. Unapproved chargers or cables can cause the battery to explode or damage the device.

> 🔔
> - You cannot charge the battery using a USB cable. Use the charger to charge the battery.
> - The provided charger and charging method may differ depending on the region.

1 Plug the small end of the charger into the DC jack of the device, and plug the large end of the charger into an electric socket.
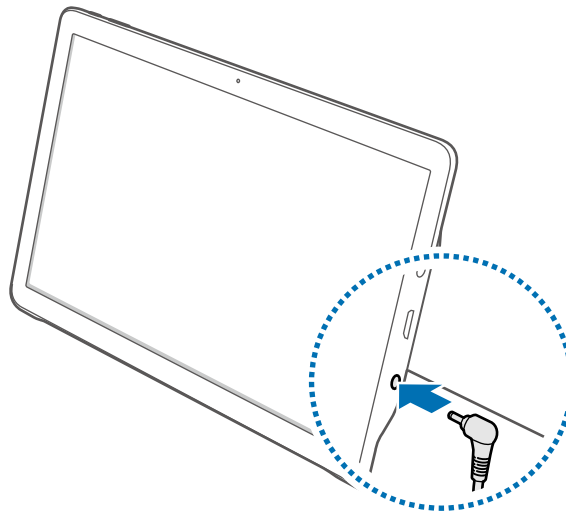
> ⓘ
> - Connecting the charger improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.
> - Do not plug the charger into the headset jack.

2 After fully charging, disconnect the device from the charger. First unplug the charger from the device, and then unplug it from the electric socket.

🔔 To save energy, unplug the charger when not in use. The charger does not have a power switch, so you must unplug the charger from the electric socket when not in use to avoid wasting power. The charger should remain close to the electric socket and easily accessible while charging.

Viewing the remaining charging time

While charging, open the Home screen and tap **Apps** → **Settings** → **Battery**.

🔔 The actual charging time may vary depending on the status of your device and the charging conditions. The remaining charging time may not be displayed when you charge the device in very cold or very hot conditions.

Reducing the battery consumption

Your device provides various options that help you conserve battery power.

- Optimize the device using the Smart manager.
- When you are not using the device, switch to sleep mode by pressing the Power key.
- Activate power saving mode.
- Close unnecessary apps.
- Deactivate the Bluetooth feature when not in use.
- Deactivate the Wi-Fi feature when not in use.
- Deactivate auto-syncing of apps.
- Decrease the backlight time.
- Decrease the screen brightness.

Battery charging tips and precautions

- When the battery power is low, the battery icon appears empty.

- If the battery is completely discharged, the device cannot be turned on immediately when the charger is connected. Allow a depleted battery to charge for a few minutes before turning on the device.

- If you use multiple apps at once, network apps, or apps that need a connection to another device, the battery will drain quickly. To avoid disconnecting from the network or losing power during a data transfer, always use these apps after fully charging the battery.

- The device can be used while it is charging, but it may take longer to fully charge the battery.

- If the device receives an unstable power supply while charging, the touchscreen may not function. If this happens, unplug the charger from the device.

- While charging, the device and the charger may heat up. This is normal and should not affect the device's lifespan or performance. If the battery gets hotter than usual, the charger may stop charging.

- If the device is not charging properly, take the device and the charger to a Samsung Service Centre.

Power saving mode

Save the battery power by limiting the device's functions.

On the Home screen, tap **Apps** → **Settings** → **Battery** → **Power saving mode**, and then tap the switch to activate it.

To automatically activate power saving mode when the remaining battery power reaches the preset level, tap **Start power saving** and select an option.
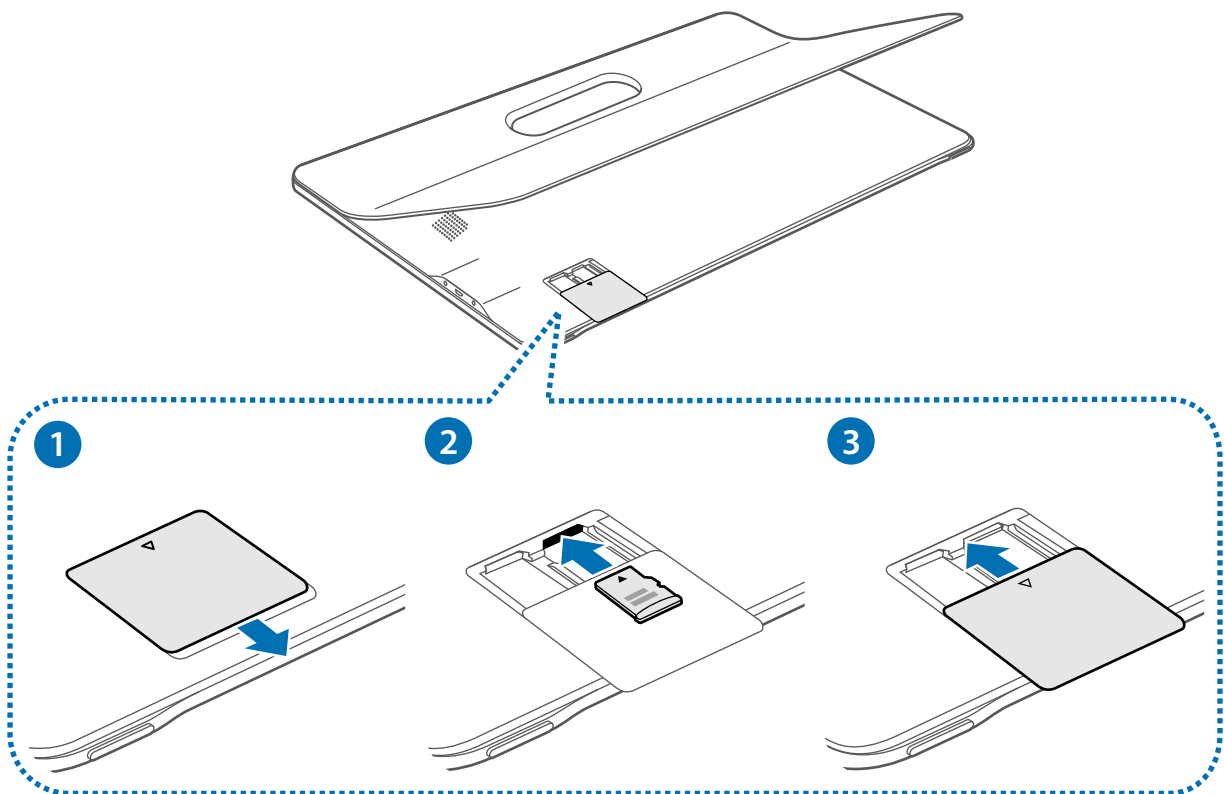
Memory card

Installing a memory card

Your device accepts memory cards with maximum capacity of 128 GB. Depending on the memory card manufacturer and type, some memory cards may not be compatible with your device.

- Some memory cards may not be fully compatible with the device. Using an incompatible card may damage the device or the memory card, or corrupt the data stored in it.

- Use caution to insert the memory card right-side up.

- The device supports the FAT and the exFAT file systems for memory cards. When inserting a card formatted in a different file system, the device asks to reformat the memory card.

- Frequent writing and erasing of data shortens the lifespan of memory cards.

- When inserting a memory card into the device, the memory card's file directory appears in the **My Files** → **SD card** folder.

1 Slide the card slot cover to open.

> The card slot cover is not detachable. If you forcibly remove the card slot cover, the cover and the device may be damaged. Do not slide the cover excessively.

2 Insert a memory card with the gold-coloured contacts facing downwards. Then, push the memory card into the slot until it locks in place.

3 Slide the card slot cover to close.

Removing the memory card

Before removing the memory card, first unmount it for safe removal.

On the Home screen, tap **Apps** → **Settings** → **Storage** → **Unmount SD card**.

1 Slide the card slot cover to open.

2 Push the memory card until it disengages from the slot, and then pull it out.

3 Slide the card slot cover to close.

> Do not remove the memory card while the device is transferring or accessing information. Doing so can cause data to be lost or corrupted or damage to the memory card or device. Samsung is not responsible for losses that result from the misuse of damaged memory cards, including the loss of data.

Formatting the memory card

A memory card formatted on a computer may not be compatible with the device. Format the memory card on the device.

On the Home screen, tap **Apps** → **Settings** → **Storage** → **Format SD card** → **FORMAT SD CARD** → **ERASE EVERYTHING**.

> Before formatting the memory card, remember to make backup copies of all important data stored in the memory card. The manufacturer's warranty does not cover loss of data resulting from user actions.

Turning the device on and off

Press and hold the Power key for a few seconds to turn on the device.

When you turn on your device for the first time or after performing a data reset, follow the on-screen instructions to set up your device.

To turn off the device, press and hold the Power key, and then tap **Power off**.

- If your device is frozen and unresponsive, press and hold the Power key and the Volume down key simultaneously for more than 7 seconds to restart it.

- Follow all posted warnings and directions from authorized personnel in areas where the use of wireless devices is restricted, such as airplanes and hospitals.

Touchscreen

- Do not allow the touchscreen to come into contact with other electrical devices. Electrostatic discharges can cause the touchscreen to malfunction.

- To avoid damaging the touchscreen, do not tap it with anything sharp or apply excessive pressure to it with your fingertips.

- The device may not recognise touch inputs close to the edges of the screen, which are outside of the touch input area.

- Leaving the touchscreen idle for extended periods may result in afterimages (screen burn-in) or ghosting. Turn off the touchscreen when you do not use the device.

- It is recommended to use fingers when you use the touchscreen.

Tapping

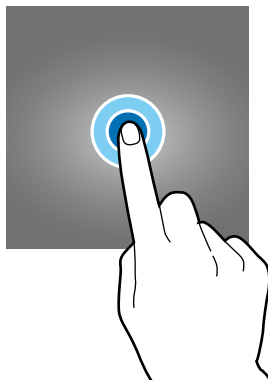To open an app, to select a menu item, to press an on-screen button, or to enter a character using the keyboard on the screen, tap it with your finger.
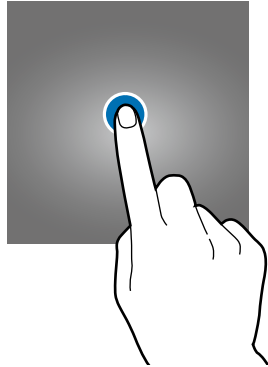
Tapping and holding

Tap and hold an item or the screen for more than 2 seconds to access available options.

Dragging

To move an item, tap and hold it and drag it to the target position.
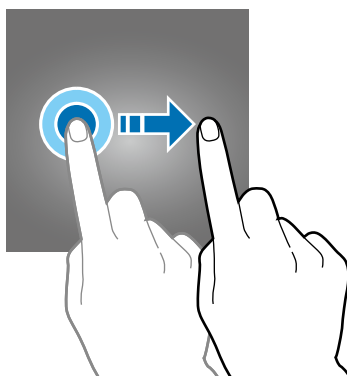
Double-tapping

Double-tap on a webpage or image to zoom in. Double-tap again to return.
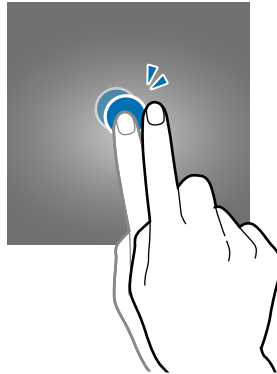
Swiping

Swipe to the left or right on the Home screen or the Apps screen to view other panels. Swipe upwards or downwards to scroll through a webpage or a list of items, such as contacts.
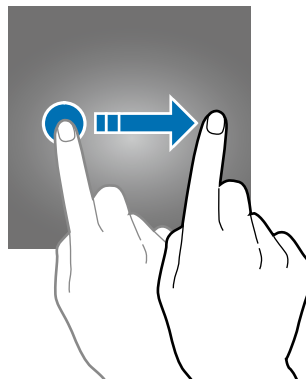
Spreading and pinching

Spread two fingers apart on a webpage, map, or image to zoom in a part. Pinch to zoom out.
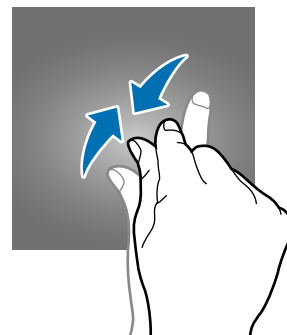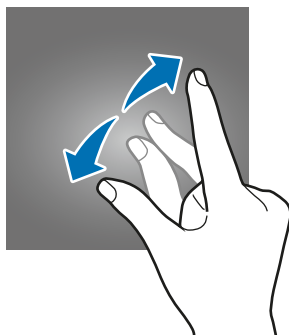
Home screen

Home screen

The Home screen is the starting point for accessing all of the device's features. It displays widgets, shortcuts to apps, and more.

To view other panels, swipe to the left or right.

A widget

Screen indicators

Favourite apps

Launch **Family Square**.

A folder

Apps screen icon

Keys

Keys

Key	Function
⬚ **Recents**	• Tap to open the list of recent apps. • Tap and hold to launch the split screen view.
⌂ **Home**	• Tap to return to the Home screen. • Tap and hold to launch **Google**.
↩ **Back**	• Tap to return to the previous screen.

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Home screen options

On the Home screen, tap and hold an empty area, or pinch your fingers together to access the available options. Customize the Home screen by adding, deleting, or rearranging Home screen panels. You can also set the Home screen wallpaper, add widgets to the Home screen, and more.

- **Wallpapers**: Change the wallpaper settings for the Home screen and the locked screen.
- **Widgets**: Add widgets to the Home screen. Widgets are small apps that launch specific app functions to provide information and convenient access on your Home screen.

Adding items

Tap and hold an app or a folder from the Apps screen, and then drag it to the Home screen.

To add widgets, tap and hold an empty area on the Home screen, tap **Widgets**, tap and hold a widget, and then drag it to the Home screen.

Moving and removing an item

Tap and hold an item on the Home screen, and then drag it to a new location.

To move the item to another panel, drag it to the side of the screen.

You can also move frequently used apps to the shortcuts area at the bottom of the Home screen.

To remove an item, tap and hold the item. Then, drag it to **Remove** at the top of the screen.

Creating folders

1 On the Home screen, tap and hold an app, and then drag it over another app.

2 Drop the app when a folder frame appears around the apps.

A new folder containing the selected apps will be created.
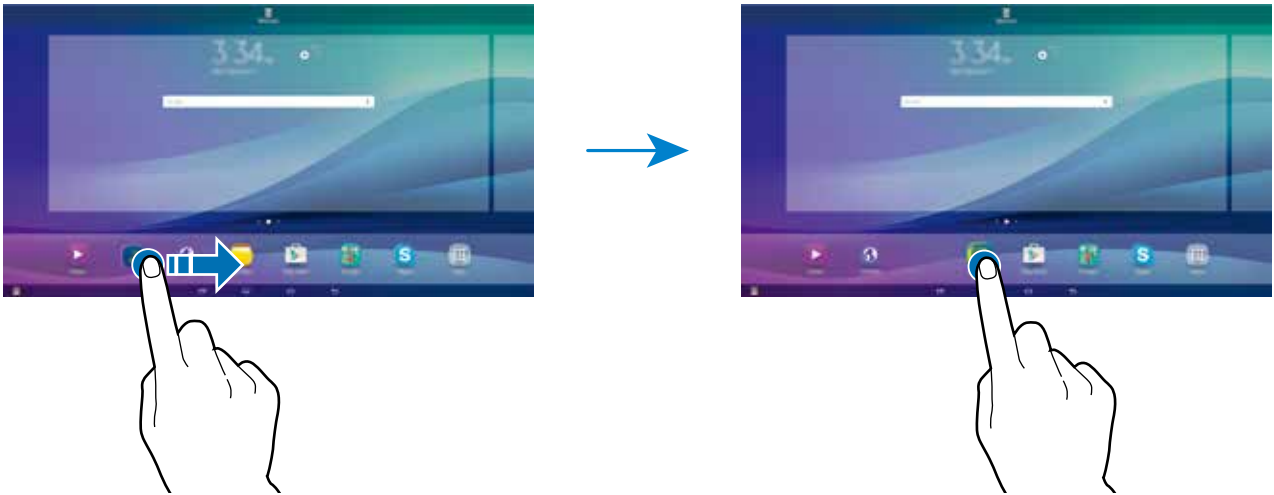
3 Tap **Enter folder name** and enter a folder name.

To change the folder colour, tap 🎨.

To add more apps to the folder, tap and hold another app, and then drag it to the folder.

Managing panels

On the Home screen, tap and hold an empty area to add, move, or remove a panel.

To add a panel, swipe to the left, and then tap ╋.

To move a panel, tap and hold a panel preview, and then drag it to a new location.

To remove a panel, tap and hold a panel preview, and then drag it to **Remove** at the top of the screen.

Apps screen

The Apps screen displays icons for all apps, including newly installed apps.

On the Home screen, tap **Apps** to open the Apps screen. To view other panels, swipe to the left or right.

Moving items

🔔 This feature may not be available depending on the region or service provider.

On the Apps screen, tap **EDIT**. Tap and hold an item and drag it to a new location.

To move the item to another panel, drag it to the side of the screen.

Creating folders

🔔 This feature may not be available depending on the region or service provider.

1 On the Apps screen, tap **EDIT**.

2 Tap and hold an app, and then drag it over another app.

3 Drop the app when a folder frame appears around the apps.

A new folder containing the selected apps will be created.
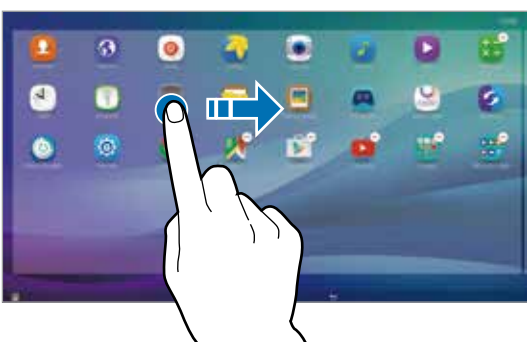
4 Tap **Enter folder name** and enter a folder name.

To change the folder colour, tap 🎨.

To add more apps to the folder, tap and hold another app, and then drag it to the folder.

Indicator icons

Indicator icons appear on the status bar at the top of the screen. The icons listed in the table below are most common.

🔔 The status bar may not appear at the top of the screen in some apps. To display the status bar, drag down from the top of the screen.

Icon	Meaning
🛜	Wi-Fi connected
✳	Bluetooth feature activated
📍	GPS activated
⏰	Alarm activated
🔇	Mute mode activated
✈	Flight mode activated
⚠	Error occurred or caution required
🔋	Battery power level

Lock screen

Pressing the Power key turns off the screen and locks it. Also, the screen turns off and automatically locks if the device is not used for a specified period.

You can change the way that you lock the screen to prevent others from accessing your personal information.

On the Apps screen, tap **Settings** → **Lock screen and security** → **Screen lock type**, and then select a screen lock method. The device requires an unlock code whenever unlocking it.

> If the unlock code is forgotten, take the device to a Samsung Service Centre to reset it.

Pattern

Draw a pattern by connecting four dots or more, and then draw the pattern again to verify it. Set a backup PIN to unlock the screen when you forget the pattern.

PIN

A PIN consists of numbers only. Enter at least four numbers, and then enter the password again to verify it.

Password

A password consists of characters and numbers. Enter at least four characters including numbers and symbols, and then enter the password again to verify it.

Notification panel

Using the notification panel

When you receive new notifications, indicator icons appear on the status bar. To see more information about the icons, open the notification panel and view the details.

To open the notification panel, drag the status bar downwards. To close the notification panel, swipe upwards on the screen.
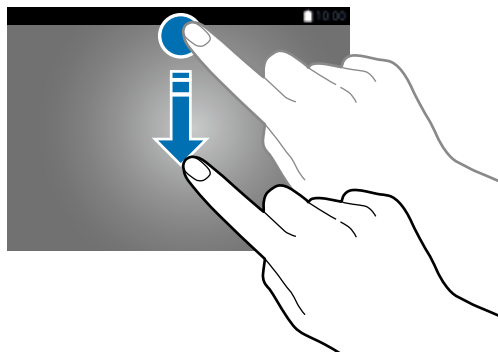
You can use the following functions on the notification panel.

Rearrange quick setting buttons.

Quick setting buttons

Launch **S Finder**.

Tap a notification and perform various actions.

Launch **Settings**.

Switch between user accounts or add new user accounts.

Adjust the brightness.

Launch **Quick connect**.

Clear all notifications.
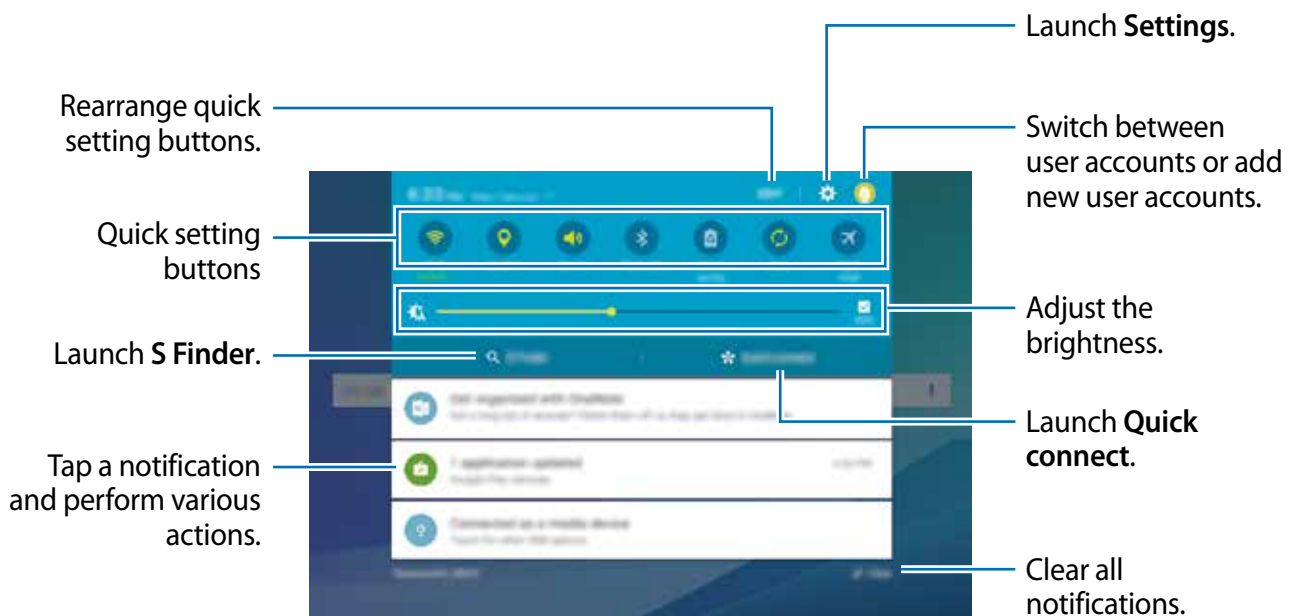
Using quick setting buttons

Tap quick setting buttons to activate some features. Swipe to the left or right on the buttons area to view more buttons. To view more detailed settings, tap and hold a button.

To rearrange buttons, tap **EDIT**, tap and hold a button, and then drag it to another location.

S Finder

Search for a wide variety of content with a keyword.

Searching for content on the device

Open the notification panel and tap **S Finder**.

Enter a keyword in the search field or tap 🎤 and say a keyword.

To get more refined results, tap the filter buttons under the search field, and then select filter details.

Setting search categories

You can set search categories to search for content in specific search fields.

Tap **MORE** → **Select search locations** and select categories.

Quick connect

Automatically search for nearby devices and quickly connect to them.

> • If the device you want to connect does not support the Quick connect feature, activate its Wi-Fi Direct feature before launching **Quick connect** on your device.
>
> • Connection methods may vary depending on the type of connected devices or the shared content.

Connecting to other devices

1   Open the notification panel and tap **Quick connect**.

If you are using this feature for the first time, select a visibility option and tap **ENABLE QUICK CONNECT**.

When the panel opens, the Wi-Fi feature is activated automatically and the device searches for nearby devices.

> If you have installed Samsung Link on your device, the list of devices registered with Samsung Link will appear at the top of the screen. For more information about Samsung Link, visit link.samsung.com.

2   Select a device from the list and connect to it by following the on-screen instructions.

The next steps may vary depending on the connected device.

To change your device's visibility setting, tap **SETTINGS** → **Device visibility**, and then select an option.

Re-searching for devices

If the desired device does not appear in the list, search for the device.

Tap **REFRESH** and select the device from the list of detected devices.

Sharing content

Share content with the connected devices.

1   Open the notification panel and tap **Quick connect**.

2   Select a device from the list of detected devices.

3   Tap **Share content** and select a media category.

4   Follow the on-screen instructions to send content to the connected device.

The next steps may vary depending on the selected media category.

Entering text

Keyboard layout

A keyboard appears automatically when you enter text to send emails, create memos, and more.

🔔 Text entry is not supported in some languages. To enter text, you must change the input language to one of the supported languages.

Change the keyboard settings.

Delete a preceding character.

Tab key.

Break to the next line.

Caps Lock key.

Enter numbers.

Enter uppercase. For all caps, tap it twice.

Move the cursor.

Enter punctuation marks.

Enter a space.
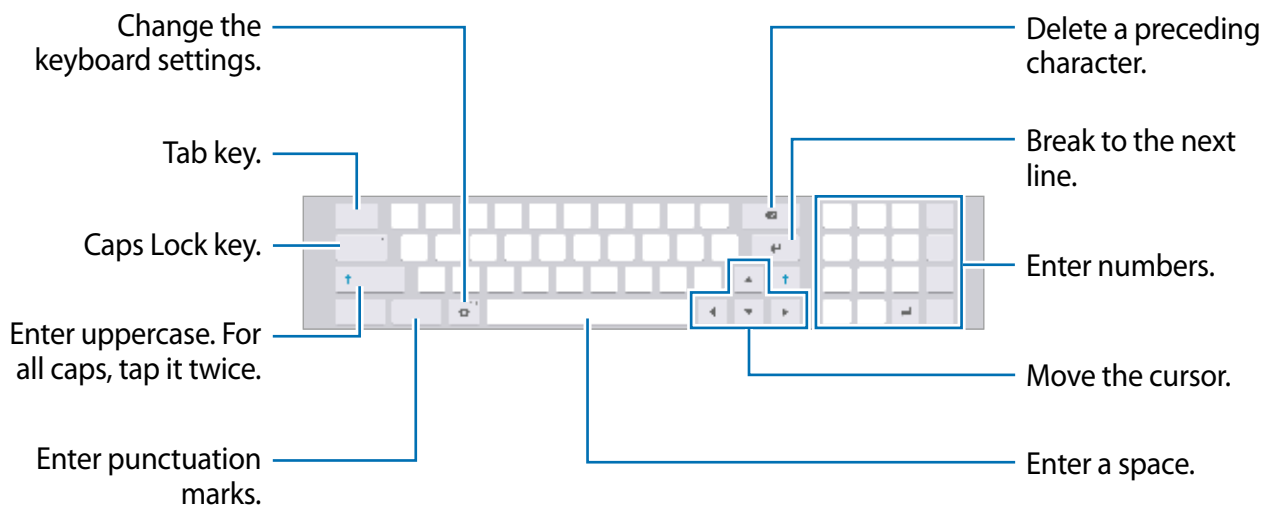
Changing the input language

Tap ⚙️ → **Input languages** → **Add input languages**, and then select the languages to use. When you select two or more languages, you can switch between the input languages by swiping to the left or right on the space key.

Additional keyboard functions

Tap and hold ⚙ to use various functions. Other icons may appear instead of the ⚙ icon depending on the last function that was used.

- 🎤 : Enter text by voice.

Open the keyboard.

Start or pause entering text by voice.
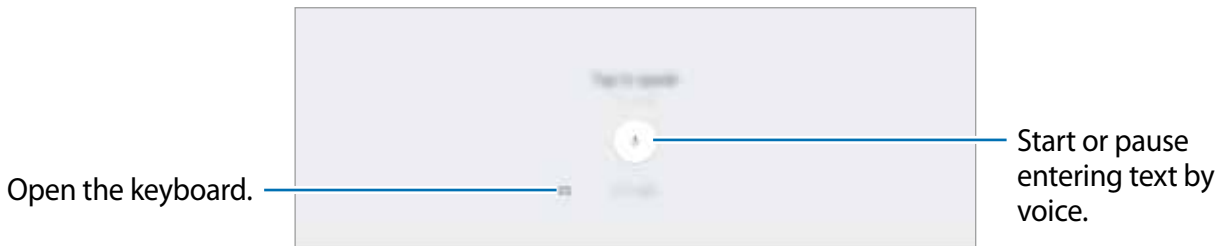
- ✏ : Switch to handwriting mode.

Switch between number mode and character mode.

Switch to the standard keyboard.
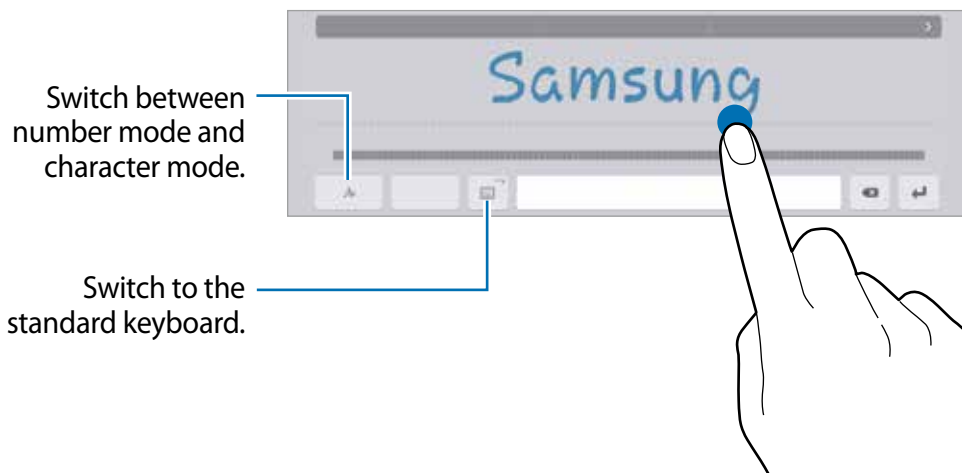
🔔 This feature may not be available depending on the region or service provider.

- ▦ : Add an item from the clipboard.
- ☺ : Enter emoticons.
- ▦ : Switch to the floating or split keyboard. You can move the keyboard to another location by dragging the tab.
- ⚙ : Change the keyboard settings.

Copying and pasting

1 Tap and hold over text.

2 Drag or to select the desired text, or tap **Select all** to select all text.

3 Tap **Copy** or **Cut**.

The selected text is copied to the clipboard.

4 Tap and hold where the text is to be inserted and tap **Paste**.

To paste text that you have previously copied, tap **Clipboard** and select the text.

Screen capture

Capture a screenshot while using the device.

Press and hold the Power key and the Volume key down simultaneously. You can view captured images in **Gallery**.

It is not possible to capture a screenshot while using some apps and features.

Opening apps

On the Home screen or the Apps screen, select an app icon to open it.

To open an app from the list of recently used apps, tap and select a recent app window.

Closing an app

Tap and drag a recent app window up or down to close it. To close all running apps, tap **CLOSE ALL**.

Multi window

Introduction

Multi window lets you run two apps at the same time in the split screen view. You can also run multiple apps at the same time in the pop-up view.

🔔 Some apps may not support this feature.
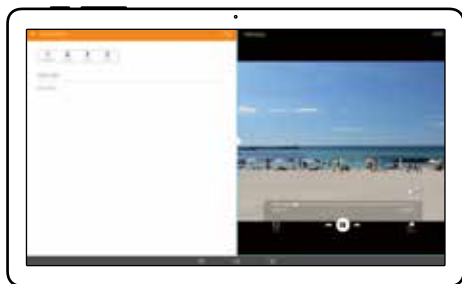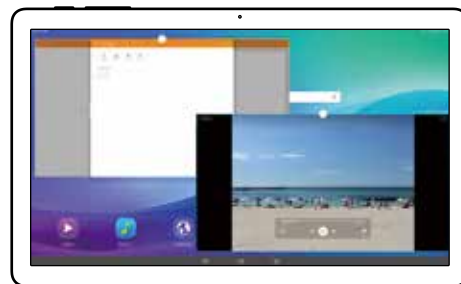
Split screen view   Pop-up view

Split screen view

1 Tap ⬜ to open the list of recently used apps.

2 Swipe to the left or right and tap ▤ on a recent app window.

The selected app will launch in the left window.

3   Select another app to launch.

🔔   You can also launch the split screen view by tapping and holding ⬒.

Using additional options

When using apps in the split screen view, select an app window and tap the circle between the app windows to access the following options:
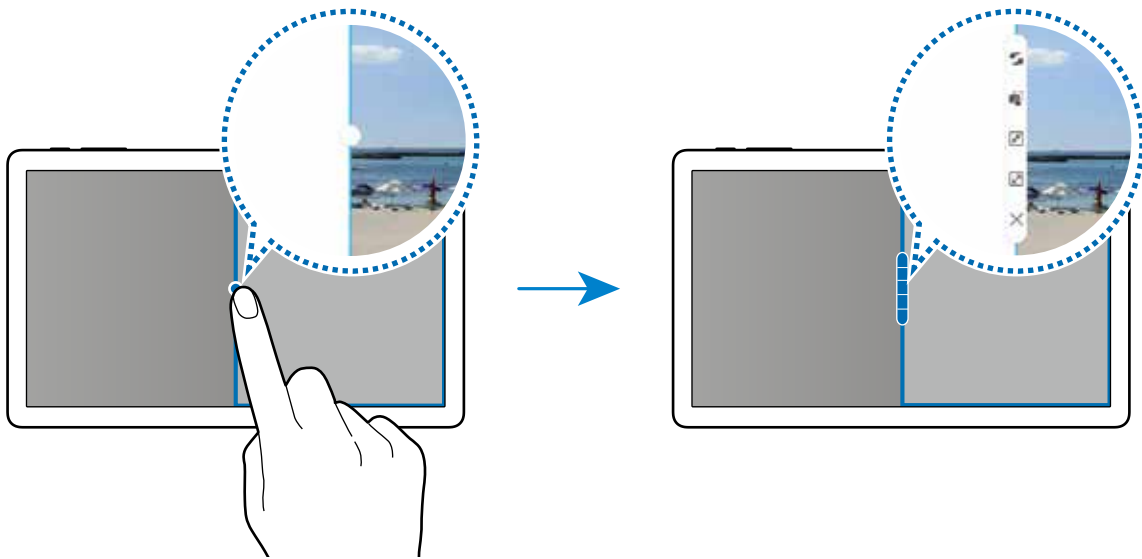
- ↪ : Switch locations between app windows.

- : Drag and drop text or copied images from one window to another. Tap and hold an item in the selected window and drag it to a location in another window.
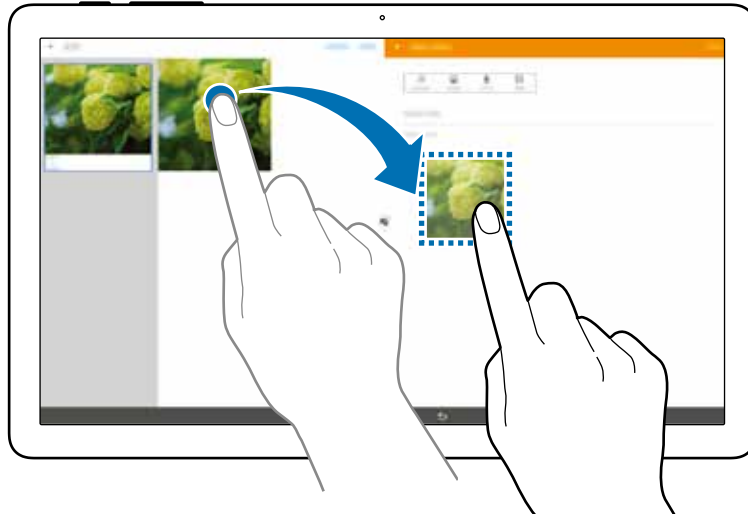
 Some apps may not support this feature.

- : Minimize the window.
- : Maximize the window.
- : Close the app.

Adjusting the window size

Drag the circle between the app windows to the left or right to adjust the size of the windows.
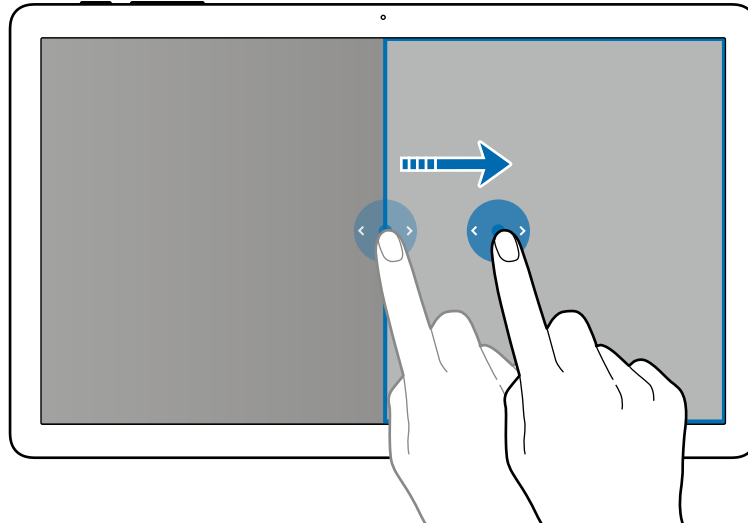
Pop-up view

1 On the Apps screen, launch an app to use in the pop-up view.

2 Drag down diagonally from either end of the top edge.

The app screen will appear in the pop-up view.

Drag and drop content.

Minimize the window.

Close the app.

Maximize the window.
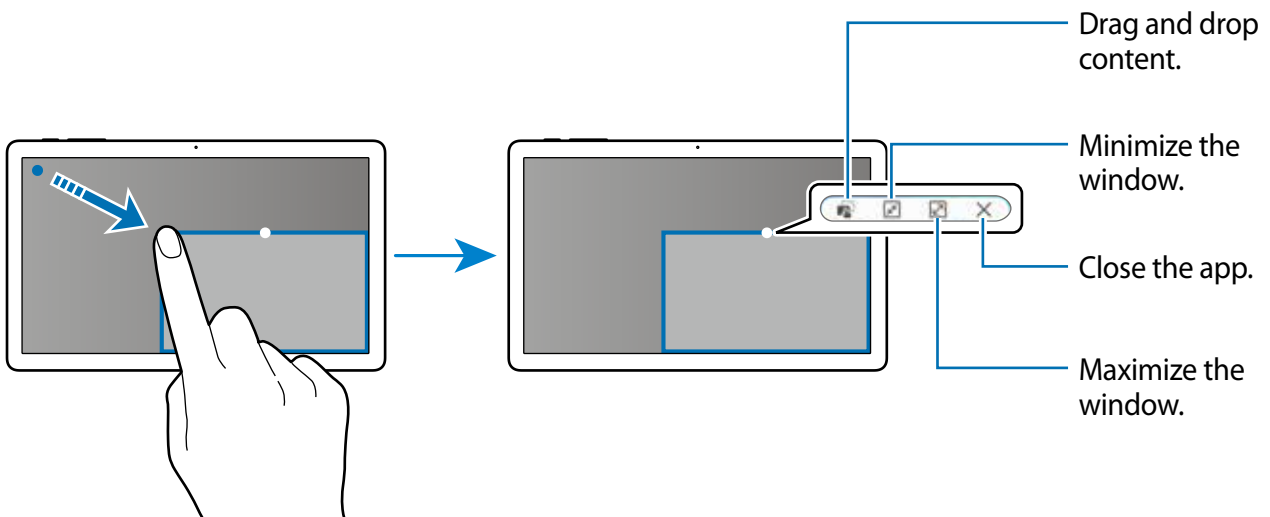
Moving pop-up windows

To move a pop-up window, tap and hold the circle on a window and drag it to a new location.

Launching the pop-up view from the split screen view

1   On the split screen view, tap an app window to launch it in the pop-up view.

2   Tap and hold the circle between the app windows.

The selected app will launch in a pop-up window.
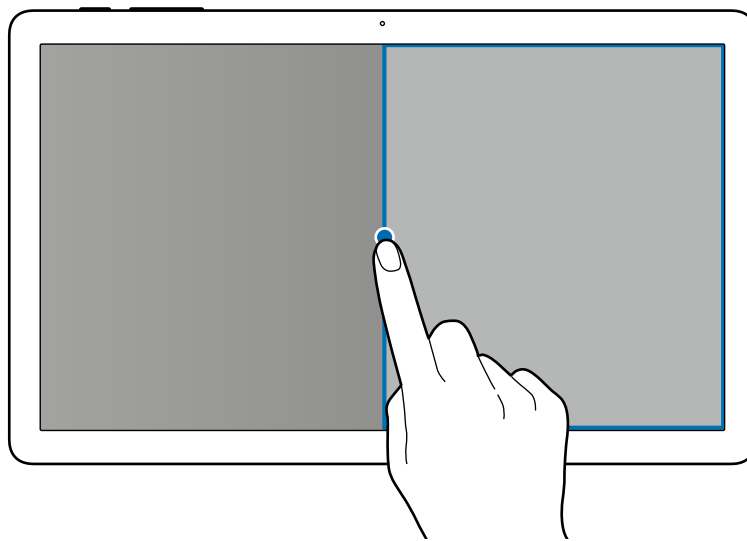
Device and data management

Transferring data from your previous device

You can transfer data from a previous device to your new device via Samsung Smart Switch.

The following versions of Samsung Smart Switch are available.

- Mobile version: Transfer data between mobile devices. You can download the app from **Galaxy Apps** or **Play Store**.

- Computer version: Transfer data between your device and a computer. You can download the app from www.samsung.com/smartswitch.

> - Samsung Smart Switch is not supported on some devices or computers.
> - Limitations apply. Visit www.samsung.com/smartswitch for details. Samsung takes copyright seriously. Only transfer content that you own or have the right to transfer.

Transferring data from a mobile device

Transfer data from your previous device to your new device.

When you turn on your new device for the first time, tap **DOWNLOAD AND OPEN** in the Smart Switch installation pop-up window to install the app. Alternatively, download and install Smart Switch from **Galaxy Apps** or **Play Store**.

Launch **Smart Switch** and follow the on-screen instructions to transfer data from your previous device.

Transferring data from a computer

Back up data from your previous device to a computer and import the data to your new device.

1   On the computer, visit www.samsung.com/smartswitch to download Smart Switch.

2 On the computer, launch Smart Switch.

> 🔔 If your previous device is not a Samsung device, back up data to a computer using a program provided by the device's manufacturer. Then, skip to the fifth step.

3 Connect your previous device to the computer using the USB cable.

4 On the computer, follow the on-screen instructions to back up data from the device. Then, disconnect your previous device from the computer.

5 Connect your new device to the computer using the USB cable.

6 On the computer, follow the on-screen instructions to transfer data to your new device.

Using the device as a removable disk for data transfer

Move audio, video, image, or other types of files from the device to the computer, or vice versa.

> ⓘ Do not disconnect the USB cable from the device when you are transferring files. Doing so may cause data loss or device damage.

> 🔔 The devices may not connect properly if they are connected via a USB hub. Directly connect the device to the computer's USB port.

1 Connect the device to the computer using the USB cable.

2 Open the notification panel, and then tap **Connected as a media device** → **Media device (MTP)**.

Tap **Camera (PTP)** if your computer does not support Media Transfer Protocol (MTP) or not have any appropriate driver installed.

3 Transfer files between your device and the computer.

Updating the device

The device can be updated to the latest software.

Updating over the air

The device can be directly updated to the latest software by the firmware over-the-air (FOTA) service.

On the Apps screen, tap **Settings** → **About device** → **Software update** → **Update now**.

To automatically check for available updates, tap the **Auto update** switch to activate it.

Updating with Smart Switch

Connect the device to a computer and update the device to the latest software.

1 On the computer, visit www.samsung.com/smartswitch to download and install Smart Switch.

2 On the computer, launch Smart Switch.

3 Connect the device to the computer using a USB cable.

4 If a software update is available, follow the on-screen instructions to update the device.

- Do not turn off the computer or disconnect the USB cable while the device is updating.

- While updating the device, do not connect other media devices to the computer. Doing so may interfere with the update process. Before updating, disconnect all other media devices from the computer.

Backing up and restoring data

Keep your personal information, app data, and settings safe on your device. You can back up your sensitive information to a backup account and access it later. You must sign in to your Google or Samsung account to back up or restore data. Refer to Accounts for more information.

Using a Samsung account

On the Apps screen, tap **Settings** → **Backup and reset** → **Back up my data**, select the items to back up, and then tap **BACK UP NOW**.

To set the device to automatically back up data, tap the **Auto back up** switch to activate it.

To restore data using a Samsung account, tap **Restore**. Current data will be deleted from the device to restore the selected items.

Using a Google account

On the Apps screen, tap **Settings** → **Backup and reset**, and then tap the **Back up my data** switch to activate it. Tap **Backup account** and select an account as the backup account.

To restore data using a Google account, tap the **Automatic restore** switch to activate it. When you reinstall apps, backed up settings and data will be restored.

Performing a data reset

Delete all settings and data on the device. Before performing a factory data reset, ensure you back up all important data stored on the device. Refer to Backing up and restoring data for more information.

On the Apps screen, tap **Settings** → **Backup and reset** → **Factory data reset** → **RESET DEVICE** → **ERASE EVERYTHING**. The device automatically restarts.

Connecting to a TV

Introduction

Register a TV to your device to easily share content between them.

🔔 • This feature is not available on initial launch, but may to your device in the future.

• This feature is compatible with Samsung Smart TVs released in 2015 or later that support the Bluetooth Low Energy (BLE) feature.

• Some files may be buffered during playback, depending on the network connection.

Registering a TV

Register a TV to your device. Once you register a TV, you can easily share the screen between your device and TV and use the Briefing on TV feature.

1 Turn on the TV and place your device close to the TV.

2 Open the notification panel and tap **Quick connect**.

3 Select the TV and tap **Register TV**.

Sharing screen

You can mirror your device's screen on a TV or vice versa.

Mirroring your device's screen to a TV

When your device recognizes the registered TV while you are watching a video, the ⊡ icon will appear on the device. Tap the icon to stream the video from your device to your TV.

If the TV is turned off and registered with **Quick connect**, it will automatically turn on and your device's screen will appear on the TV screen.

🔔 This feature is supported by the default video player app only.

Mirroring a TV screen to your device

1 Open the notification panel and tap **Quick connect**.

The registered TV appears on the list.

2 Select the registered TV.

3 Tap **TV to mobile device**.

The TV screen will appear on your device.

Using the Briefing on TV feature

Your registered TV turns on automatically according to the preset time set on your device and displays the time, weather, and your schedule information on the screen. To use this feature, your device and the TV must be connected to the same access point.

1 Open the notification panel and tap **Quick connect**.

The registered TV will appear on the list.

2 Select the registered TV.

3 Tap **Briefing on TV** and set a time and day to use the Briefing on TV feature.

Time, weather, and schedule information will be displayed on the right side of the TV screen at the preset time.

Applications

Installing or uninstalling apps

Galaxy Apps

Purchase and download apps. You can download apps that are specialized for Samsung Galaxy devices.

Tap **Galaxy Apps** on the Apps screen.

🔔 This app may not be available depending on the region or service provider.

Installing apps

Browse apps by category or tap **SEARCH** to search for a keyword.

Select an app to view information about it. To download free apps, tap **INSTALL**. To purchase and download apps where charges apply, tap the price and follow the on-screen instructions.

🔔 To change the auto update settings, tap ▼ → **Settings** → **Auto update apps**, and then select an option.

Play Store

Purchase and download apps.

Tap **Play Store** on the Apps screen.

Installing apps

Browse apps by category or tap the search field to search for a keyword.

Select an app to view information about it. To download free apps, tap **INSTALL**. To purchase and download apps where charges apply, tap the price and follow the on-screen instructions.

🔔 To change the auto update settings, tap ☰ → **Settings** → **Auto-update apps**, and then select an option.

Managing apps

Uninstalling or disabling apps

On the Apps screen, tap **EDIT**. The ⊖ icon appears on the apps that you can disable or uninstall. Select an app and tap **DISABLE** or **UNINSTALL**. Alternatively, on the Apps screen, tap **Settings** → **Applications** → **Application manager**, select an app, and then tap **DISABLE** or **UNINSTALL**.

• **DISABLE**: Disable selected default apps that cannot be uninstalled from the device.

• **UNINSTALL**: Uninstall downloaded apps.

Enabling apps

On the Apps screen, tap **Settings** → **Applications** → **Application manager**, scroll to **DISABLED**, select an app, and then tap **ENABLE**.

Video

Watch videos stored in the device and customise playback settings.

Tap **Video** on the Apps screen.

Select a video to play.

Open the playlist.

Access additional options.

Rewind or fast-forward by dragging the bar.

Pause and resume playback.

Adjust the volume.

Move the control panel to the left.

Move the control panel to the right.

Change screen ratio.

Switch to the pop-up video player.

Skip to the previous video. Tap and hold to rewind.

Skip to the next video. Tap and hold to fast-forward.
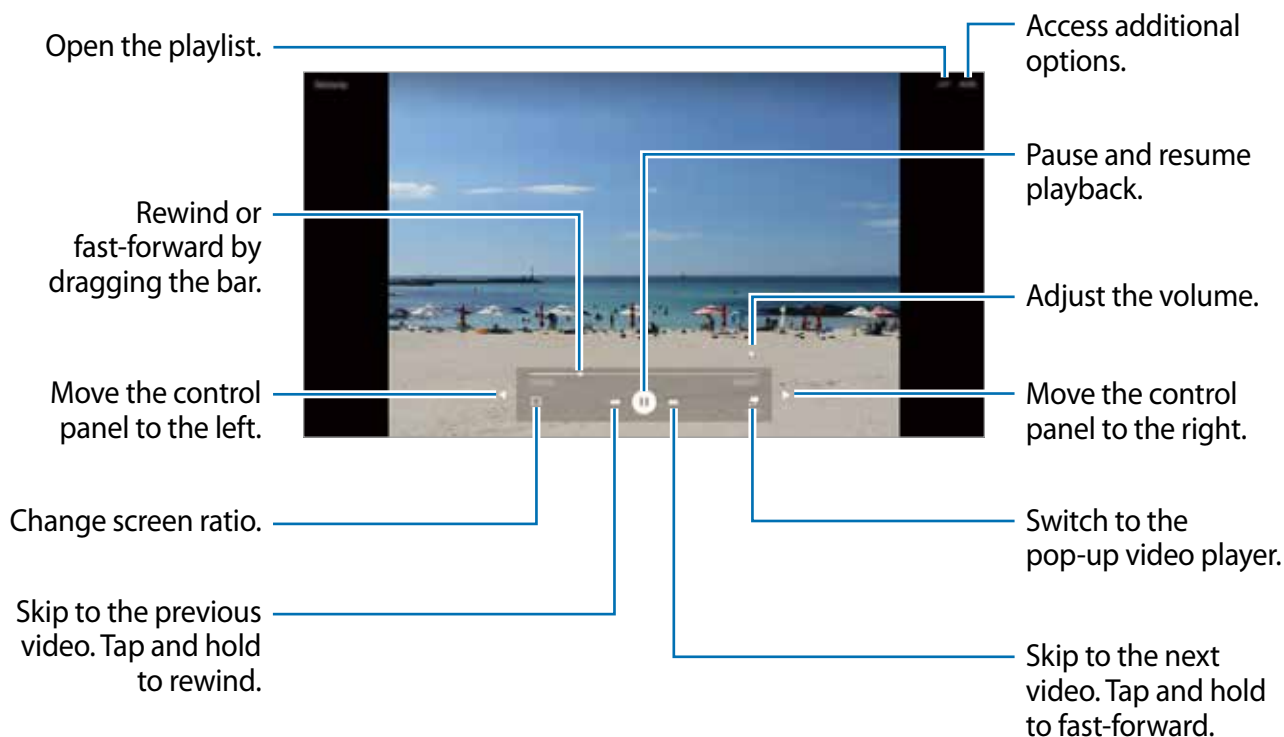
Drag your finger up or down on the left side of the playback screen to adjust the brightness, or drag your finger up or down on the right side of the playback screen to adjust the volume.

To rewind or fast-forward, swipe to the left or right on the playback screen.

Music

Listen to music sorted by category and customise playback settings.

Tap **Music** on the Apps screen.

Select a category, and then select a song to play.

Tap the album image at the bottom of the screen to open the music player screen.

Open the playlist.

Access additional options.

Access the sound quality and effects settings.

Set the file as your favourite song.

Adjust the volume.

Turn on shuffle.

Change the repeat mode.

Skip to the previous song. Tap and hold to rewind.

Skip to the next song. Tap and hold to fast-forward.

Pause and resume playback.
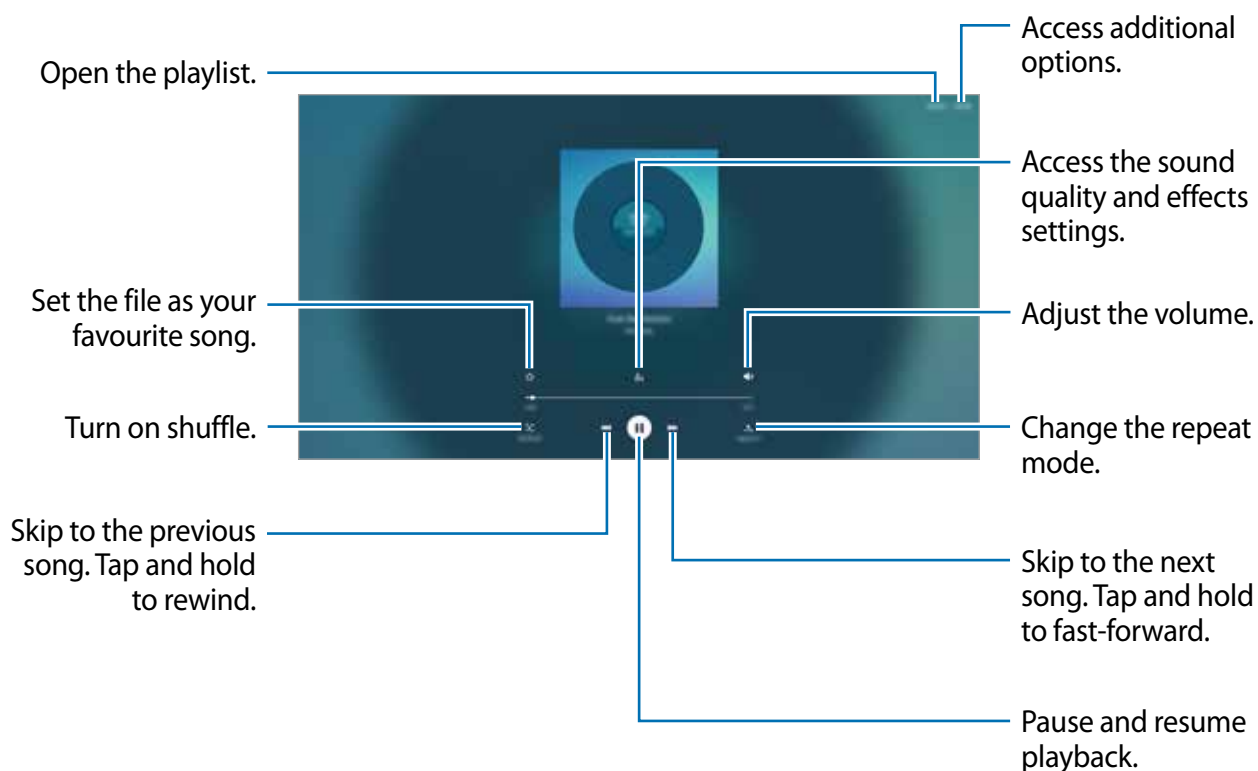
Internet

Browse the Internet to search for information and bookmark your favourite webpages to access them conveniently.

1 Tap **Internet** on the Apps screen.

2 Tap the address field.

3 Enter the web address or a keyword, and then tap **Go**.

To view the toolbars, drag your finger downwards slightly on the screen.

Refresh the current webpage.

Move to the previously visited page.

Access additional options.

View your bookmarks, saved webpages, and recent history.

Close the tab.

Open a new tab.

Open the homepage.
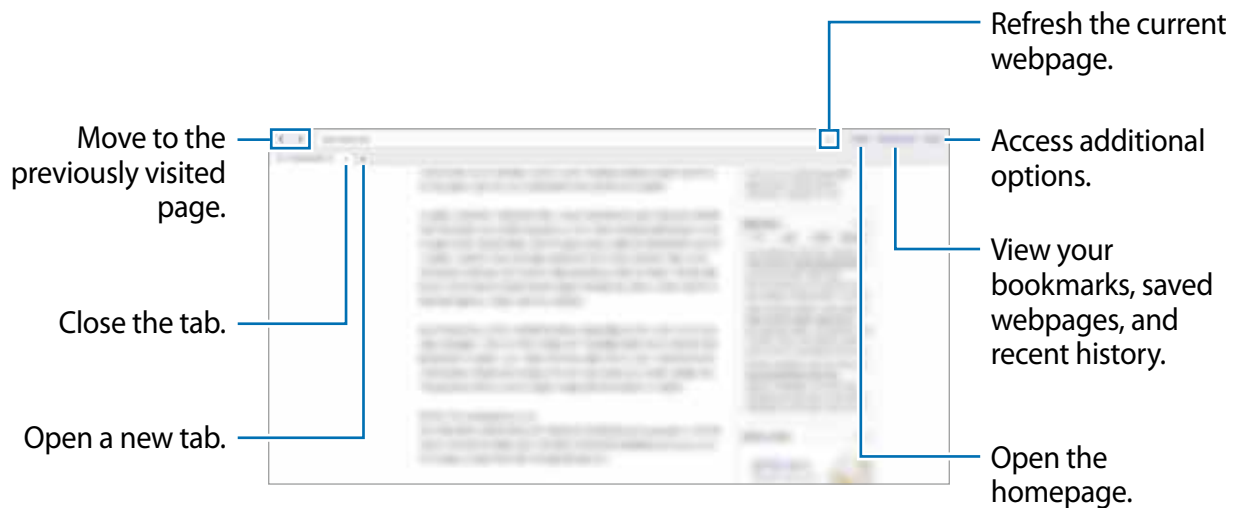
My Files

Access and manage various files stored in the device or in other locations, such as cloud storage services.

On the Apps screen, tap **My Files**.

- **Recent files**: View recent files.
- **Category**: View files by category.
- **Local storage**: View files stored in the device.
- **Cloud storage**: View files stored in the cloud storage service.
- **STORAGE USAGE**: View your device's memory information.

To search for files or folders, tap **SEARCH**.

Family Square

Introduction

Share images and videos with your family using this app to stay connected with them. You can also view shared content and content stored in your device as a slideshow. To share images, you should register your mobile device to this device and then send an invitation to your family members. Refer to the help menu for more information.

Tap **Family Square** on the Apps screen.

- You may incur additional charges when sharing content via the mobile network.
- This app is compatible only with Samsung Android devices running Android OS 5.0 or higher.
- This app may not be compatible with some devices depending on the region or service provider.

Adding and managing content in your inbox

Create content to share with your family. When you create or select content to share, a notification will appear on your family members' devices.

On the Apps screen, tap **Family Square**.

Adding images

In your inbox, tap ⊕.

- ⬤ : Take a photo, tap **OK**, draw on the image or add text, and then tap **SAVE**.
- ⬤ : Select an image in **Gallery**, draw on the file or add text, and then tap **SAVE**.

Managing content

To delete content from inbox, tap **MORE** → **Delete**.

To view content by filter, tap **MORE** → **Filter**.

To hide content from the image slideshow, tap 📌.

Viewing images as a slideshow

On the Apps screen, tap **Family Square** → **VIEW**. The images pinned with the 📌 icon will play in a slideshow.

To play more images, open your inbox, tap **MORE** → **Settings** → **Image settings**, and then select sources to display images from.

To return to the inbox, tap the screen.

Camera

Introduction

Take photos and record videos using various settings.

Basic shooting

You can take photos or record videos. View your photos and videos in **Gallery**.

Tap **Camera** on the Apps screen.

Camera etiquette

- Do not take photos or record videos of other people without their permission.
- Do not take photos or record videos where legally prohibited.
- Do not take photos or record videos in places where you may violate other people's privacy.

Taking photos or recording videos

1 Tap the image on the preview screen where the camera should focus.

2 Tap ⦿ to take a photo or tap ⦿ to record a video.

To capture an image from the video while recording, tap **Capture**.

Preview thumbnail

Quick settings

Take a photo.

Camera settings

Record a video.

- The camera automatically shuts off when unused.
- Make sure that the lens is clean. Otherwise, the device may not work properly in some modes that require high resolutions.

Camera settings

Quick settings

On the preview screen, use the following quick settings.

- ✳ : Select a filter effect to use when taking photos or recording videos.
- ⏱ : Select the length of the delay before the camera automatically takes a photo.
- ✨ : Take a photo with softened faces for gentler images.
- ▦ : Select a resolution for photos. Using a higher resolution will result in higher quality photos, but they will take up more memory.

Camera settings

On the preview screen, tap ✿.

- **Video size (front)**: Select a resolution for videos. Using a higher resolution will result in higher quality videos, but they will take up more memory.
- **Gesture control**: Set the device to detect your palm, so you can use it to take self-portraits.
- **Save pictures as previewed**: Invert the image to create a mirror-image of the original scene, when taking photos with the front camera.
- **Grid lines**: Display viewfinder guides to help composition when selecting subjects.
- **Location tags**: Attach a GPS location tag to the photo.

  🔔
  - GPS signal strength may decrease in locations where the signal is obstructed, such as between buildings or in low-lying areas, or in poor weather conditions.
  - Your location may appear on your photos when you upload them to the Internet. To avoid this, deactivate the location tag setting.

- **Review pictures**: Set the device to show photos after capturing them.
- **Storage location**: Select the memory location for storage.
- **Reset settings**: Reset the camera settings.

Gallery

Introduction

View and manage photos and videos stored in the device.

Viewing images or videos

1 Tap **Gallery** on the Apps screen.

2 Select an image or a video.

Video files show the ⊳ icon on the preview thumbnail. To play a video, tap ⊳.

Move to the previous screen.

More options

Share the image with others.

Modify the image.

Add the image to favourites.

Delete the image.
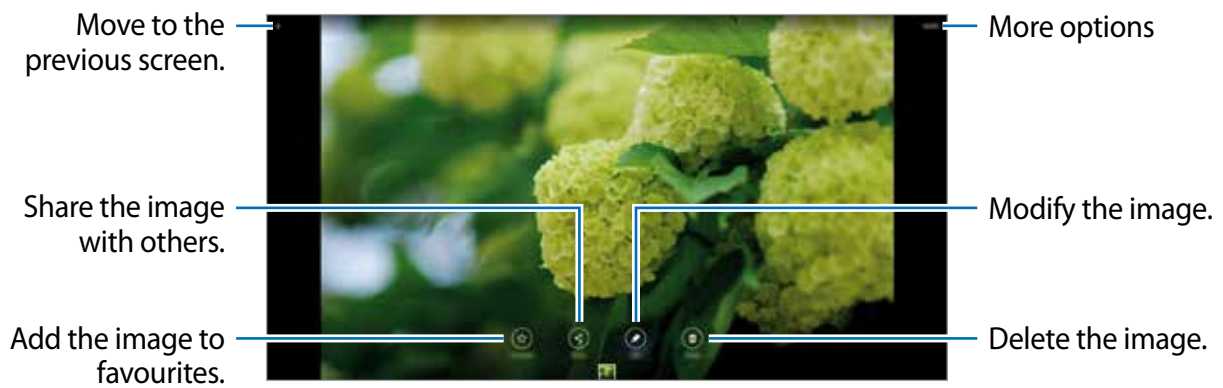
To hide or show the menus, tap the screen.

Deleting images or videos

Deleting an image or a video

Select an image or a video and tap **Delete** at the bottom of the screen.

Deleting multiple images and videos

1　On the Gallery main screen, tap and hold an image or a video to delete.

2　Tick the images or videos to delete.

3　Tap **DELETE**.

Email

Setting up email accounts

Set up an email account when opening **Email** for the first time.

1　Tap **Email** on the Apps screen.

2　Enter the email address and password, and then tap **NEXT**.

To manually register a company email account, tap **MANUAL SETUP**.

3　Follow the on-screen instructions to complete the setup.

To set up another email account, tap **MORE** → **Settings** → **Add account**.

If you have more than one email account, you can set one as the default account. Tap **MORE** → **Settings** → **SET DEFAULT ACCOUNT**.

Sending emails

1 Tap ![icon] to compose an email.

2 Add recipients and enter an email text.

3 Tap **SEND** to send the mail.

Reading emails

On the emails list, tap an email to read.

Contacts

Introduction

Create new contacts or manage contacts on the device.

Adding contacts

Creating contacts manually

1 Tap **Contacts** on the Apps screen.

2 Tap ![icon] and select a storage location.

3 Enter contact information.

  • ![icon] : Add an image.
  • ![icon] / ![icon] : Add or delete a contact field.

4 Tap **SAVE**.

Importing contacts

Import contacts from storage services to your device.

1 Tap **Contacts** on the Apps screen.

2 On the contacts list, tap **MORE** → **Settings** → **Import/Export contacts** → **IMPORT** and select an import option.

Searching for contacts

On the Apps screen, tap **Contacts**.

Use one of the following search methods:

- Scroll up or down the contacts list.
- Drag a finger along the index at the left side of the contacts list to scroll through it quickly.
- Tap the search field at the top of the contacts list and enter search criteria.

Once a contact is selected, take one of the following actions:

- ★ : Add to favourite contacts.
- ✉ : Compose an email.

Smart Manager

Introduction

The Smart manager provides an overview of the status of your device's battery, storage, RAM, and system security. You can also automatically optimize the device with one tap of your finger.

Using the quick optimization feature

On the Apps screen, tap **Smart Manager** → **CLEAN ALL**.

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

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

Using the Smart manager

On the Apps screen, tap **Smart Manager** and select a feature.

Battery

Check the remaining battery power and time to use the device. For devices with low battery levels, conserve battery power by activating power saving features and closing apps that are consuming an excessive amount of battery power.

The usage time left shows the time remaining before the battery power runs out. Usage time left may vary depending on your device settings and operating conditions.

Storage

Check the status of used and available memory capacity. You can delete unused and residual files or uninstall apps that you do not use any more.

RAM

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

Device security

Check the device's security status. This feature scans your device for malware.

S Planner

Introduction

Manage your schedule by entering upcoming events or tasks in your planner.

Creating events

1 Tap **S Planner** on the Apps screen.

2 Tap ⊕ or double-tap a date.

If the date already has saved events or tasks in it, tap the date and tap ⊕.

3 Enter event details.

Enter a title.

Select a calendar to use or sync with.

Set a start and end date for the event.

Set an alarm.

Enter the location of the event.

Attach a map showing the location of the event.
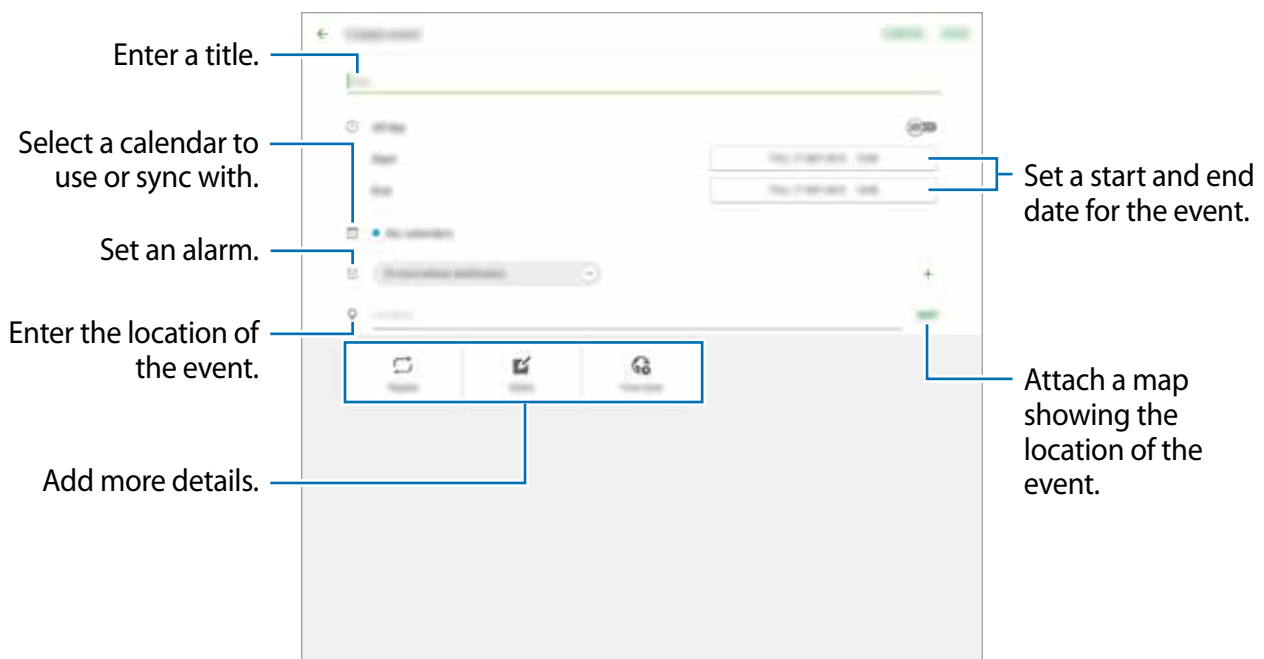
Add more details.

4 Tap **SAVE** to save the event.

Creating tasks

1 Tap **S Planner** on the Apps screen.

2 Tap **TASKS**.

3 Enter task details and tap **TODAY** or **TOMORROW** to set a due date.

To add more details, tap 🔲.

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

Syncing events and tasks with your accounts

On the Apps screen, tap **Settings** → **Accounts**, select an account service, and then tap the **Sync Calendar** switch to sync events and tasks with the account.

To add accounts to sync with, open the Apps screen and tap **S Planner** → **MORE** → **Manage calendars** → **Add account**. Then, select an account to sync with and sign in. When an account is added, a green circle is displayed next to the account name.

SideSync

Introduction

SideSync allows you to easily share your screen and data between Samsung Android smartphones, tablets, and any computers. After you connect your devices, a virtual screen will appear on the connected tablet or computer. You can check notifications, such as messages, from the dashboard or in pop-up windows.

Before you start

- The SideSync app must be installed on both devices that you want to connect. If SideSync is not installed, use one of the following methods to download and install it:

  - To download and install SideSync on your Samsung Android tablet or smartphone, search for SideSync in **Galaxy Apps** or **Play Store**. If your device does not support SideSync, you may not be able to find the app.

  - To download and install SideSync on your computer, visit www.samsung.com/sidesync. On the webpage, you can also find the information about SideSync system requirements.

- To wirelessly connect devices, they must support Wi-Fi Direct and be connected to the same access point.

Connecting to computers or smartphones

Connecting to a computer

1 Connect your tablet to your computer using a USB cable.

Alternatively, connect both devices to the same access point.

2 Launch **SideSync** on both devices.

3 Tap **START** on your tablet.

Both devices will scan each other and connect. Then, the dashboard will appear on your computer.
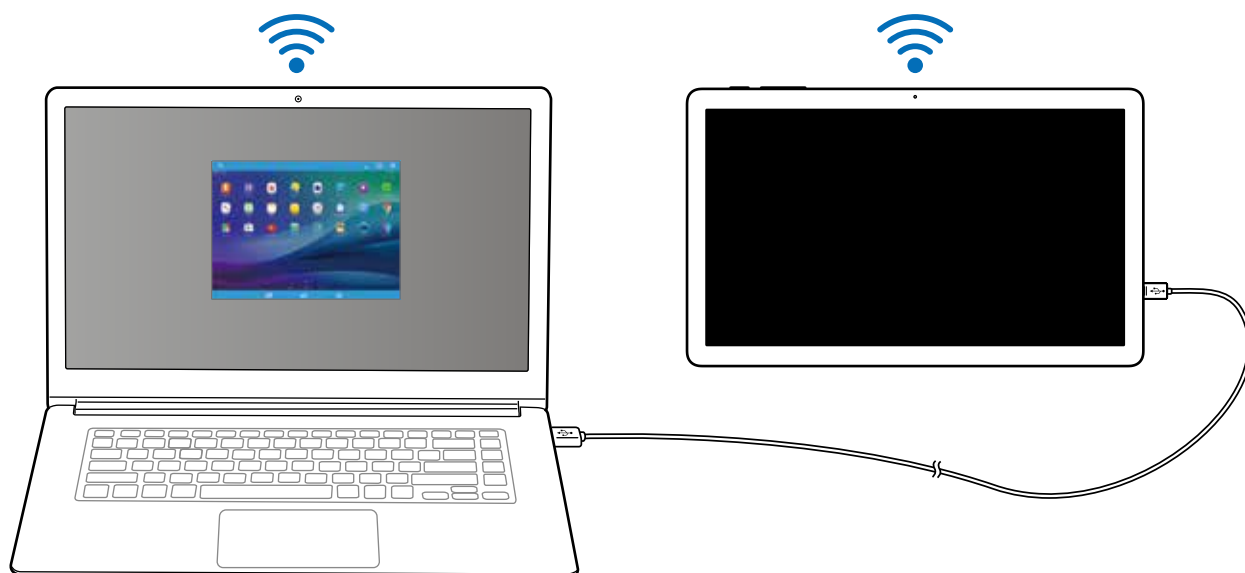
Connecting to a smartphone via Wi-Fi Direct

1 Launch **SideSync** on both your tablet and smartphone.

2 Tap **START** on both devices.

Both devices will scan each other and connect.

3   On your tablet, select your smartphone from the detected devices list.

4   On the smartphone, accept the connection request.

The dashboard will appear on your tablet.
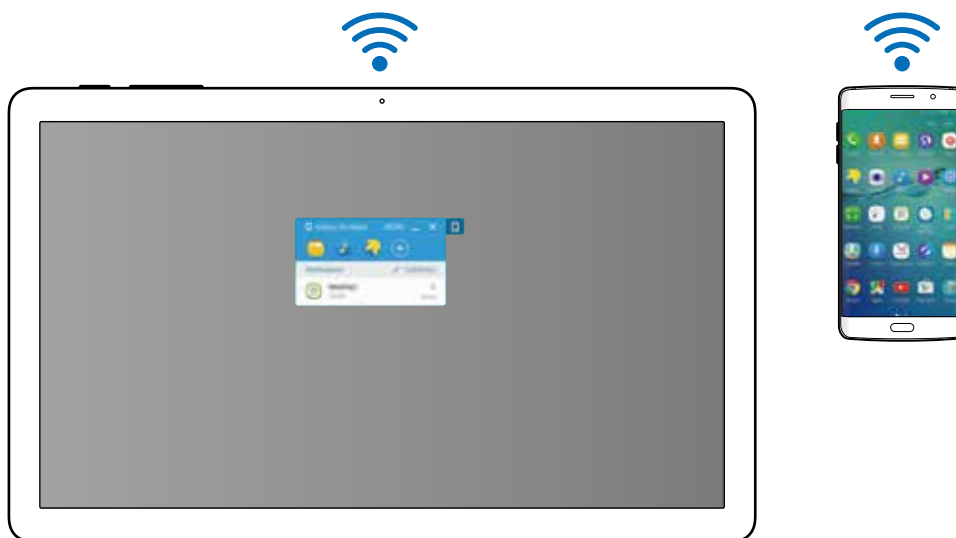
Connecting devices automatically

When two devices have been previously connected, you can set them to reconnect automatically. Connecting the devices via USB or Wi-Fi Direct automatically launches **SideSync**. If the devices are connected to the same access point, place them near each other to connect them.

To stop using the auto connection feature, on the tablet, tap **SideSync** → **MORE** → **Settings**, and then tap the **Auto connect devices** switch to deactivate it. Alternatively, on the dashboard, tap **MORE** → **Settings** → **Auto connect devices** and deactivate the auto connection feature.

Using the dashboard

Launch frequently used apps or view notifications from your tablet.

When you tap a notification, the related app or program will launch. The following is an image of the tablet's dashboard on the computer.

Access additional options.   Minimize the dashboard.

Close the dashboard.

Turn on the virtual tablet screen.   Add more applications.

Tap a notification and perform
various actions.
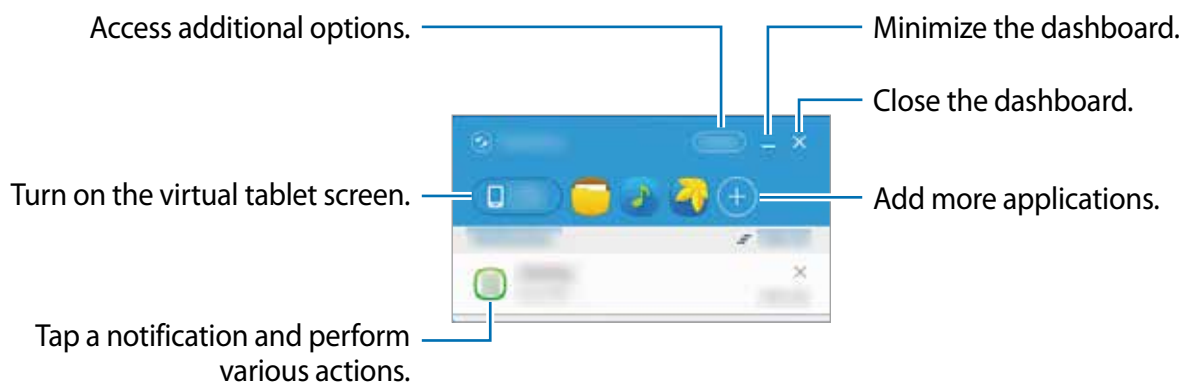
You can rearrange or delete apps when you right-click on an app icon.

Continuing media playback

You can pause music or videos on your tablet and continue playback on another device.

On the dashboard, select the play button on the music controller or a video notification. Playback will pause on your tablet and start playing on your other device.

> The connected device's music controller and a video notification will appear only when you play media files via the default music or video app.

Sharing a webpage

You can open a webpage on your tablet and display it in the web browser of the connected device.

While browsing webpages on your tablet, a web access notification will appear on the dashboard. On the dashboard, select the notification. Then, the same webpage will appear on your connected device.

Sharing your tablet's hotspot (mobile network-enabled models)

You can share your tablet's mobile data connection with computers if an Internet connection is not available.

🔔 You may incur additional charges when using this feature.

On the dashboard, tap **MORE** → **Enable Mobile hotspot**. The tablet's mobile hotspot will be activated.

Using the virtual screen

SideSync mirrors a device's screen on another device. You can use a device's functions via the virtual screen. The following is an image of the virtual tablet screen on the computer.

On the dashboard, tap **Tablet screen**.

🔔 • Some functions may not work through the virtual screen.
  • The appearance and functions of the virtual screen may vary depending on the connected device.

Minimize the virtual screen.

Close the virtual screen.

Maximize the virtual screen.
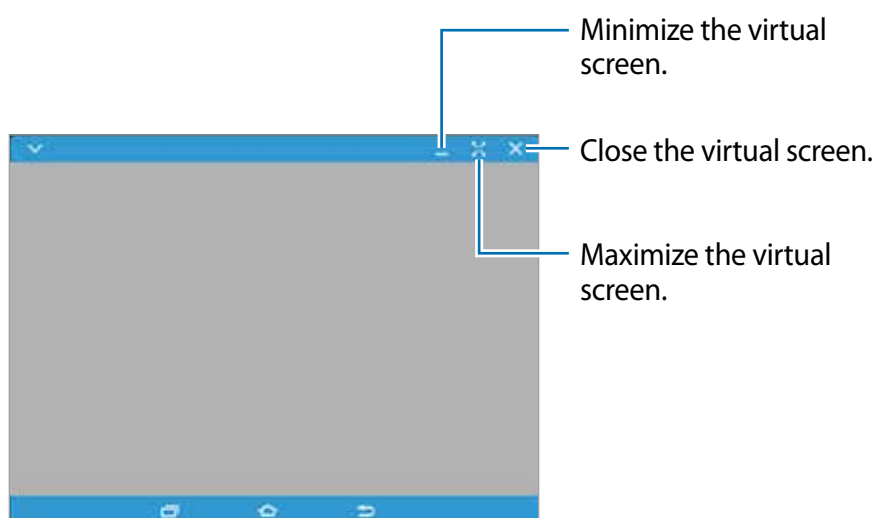
Tap ⌄ to use the following options:

- **Always on top**: Set the virtual screen to always stay on top.
- **Rotate screen** : Rotate the screen.
- **Capture screen** : Capture a screenshot.
- **Enable Presentation mode**: Turn on the tablet's screen to control it from both your computer and tablet. This feature may not be available depending on the connected device.

To move the virtual screen, click and drag the top of the virtual screen to a new location.

To adjust the size of the virtual screen, place the mouse pointer over the edge of the virtual screen, then click and drag it.

Switching between screens

To use your tablet's actual screen, press the Power key on your tablet. The virtual screen turns off and the tablet's screen turns on.

To return to the virtual screen, click the virtual tablet screen on the computer. The actual screen turns off and the virtual screen turns on.

> You can view and control the virtual screen and the connected device's screen simultaneously. On the virtual screen, tap ⌄ → **Enable Presentation mode** to turn on the connected device's screen. This feature may not be available depending on the connected device.

Sharing files and clipboard

Copying files to the computer

1 Click and hold a file to enter edit mode on the virtual tablet screen.

2 Tick more files to copy.

3 Click and hold the selected files, and then drag and drop them outside of the virtual screen.

The files will be copied to the intended location.

For example, when you move an image from your tablet to an open Word document on your computer, the image will be inserted into the Word document.
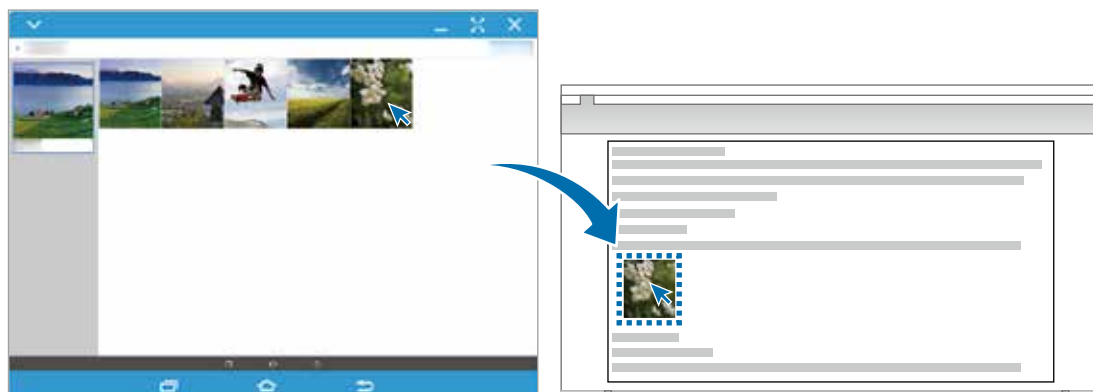
Copying files to your tablet

Select files on the computer and drag them to the dashboard or the virtual tablet screen. The files will be saved in the **My Files** → **Device storage** → **SideSync** folder.

While composing a message or an email on the virtual screen, the copied files will be attached to the message or email being composed.
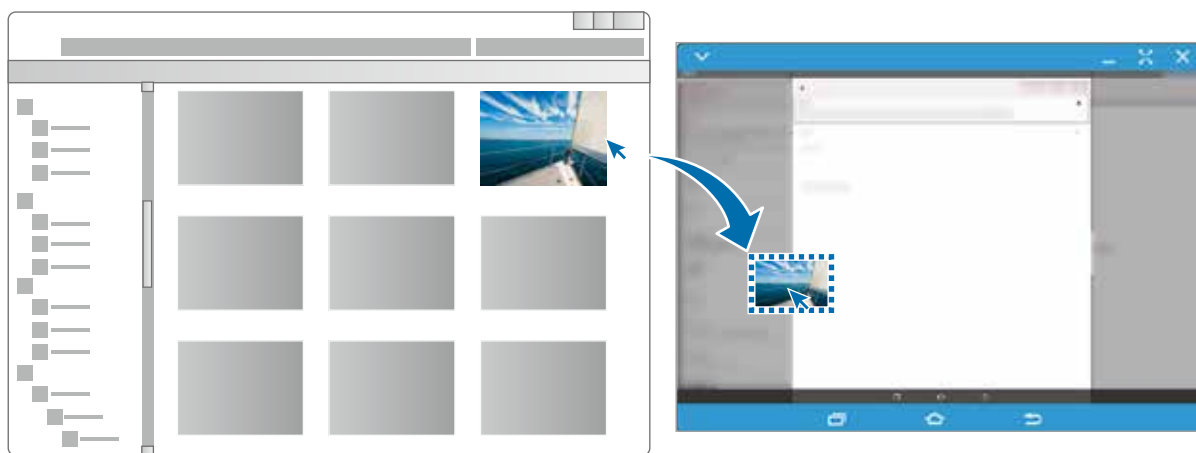
> When the tablet's virtual screen and actual screen are turned on, you cannot share files.

Sharing clipboard

You can conveniently copy and paste text between the connected devices via the clipboard sharing feature. Copy or cut text from the virtual screen and paste it into a text field outside of the virtual screen, or vice versa.

Sharing the computer's keyboard and mouse

Use your tablet's screen as a dual monitor and control it with the computer's keyboard and mouse.

1 On the dashboard, tap **MORE** → **Enable Keyboard and mouse sharing**.

If the virtual screen is open, it will disappear from the computer's screen.

2 Move the mouse pointer to the left or right edge of the computer's screen to go to your tablet's screen.

The mouse pointer will appear on your tablet's screen.
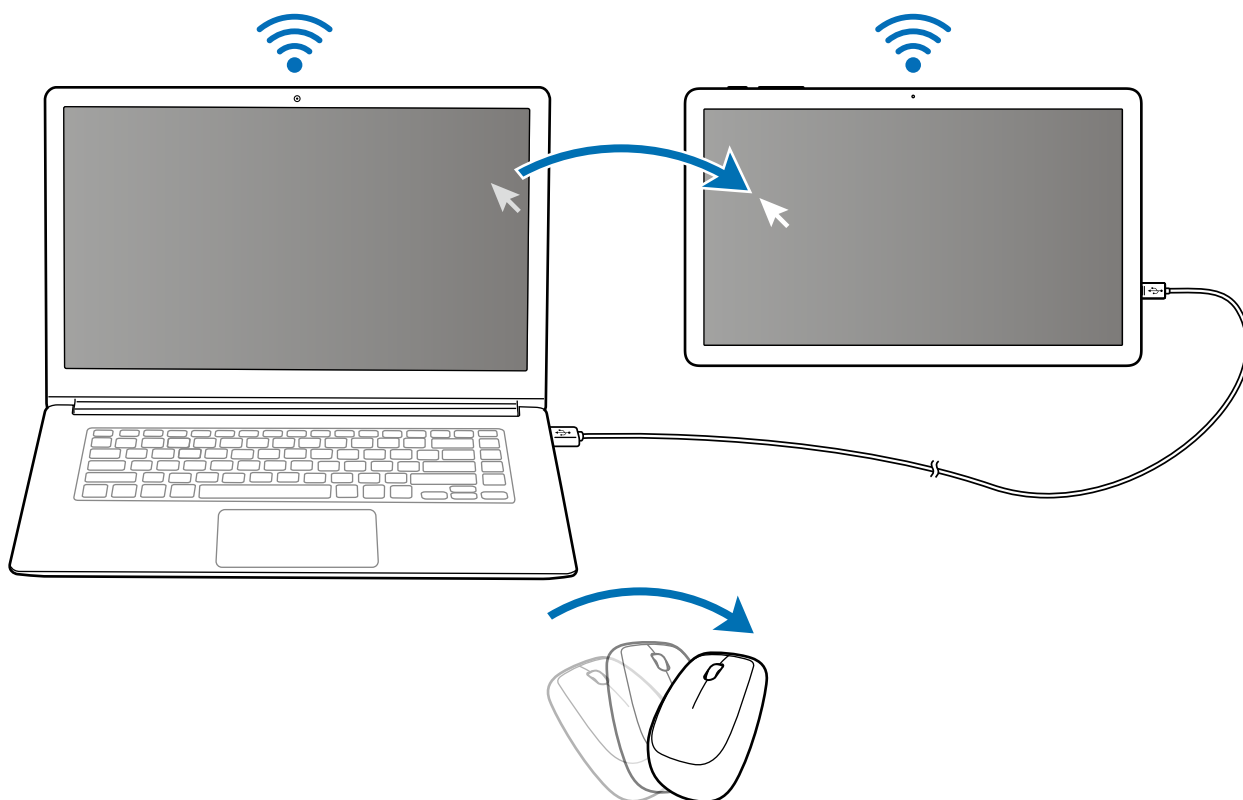
3 On your tablet, use the computer's keyboard and mouse to perform actions, such as entering text, copying and pasting, and selecting items.

To control the computer with the mouse again, return the pointer to the computer's screen.

Memo

Create memos and organize them by category.

On the Apps screen, tap **Memo**.

Composing memos

Tap   on the memos list and enter a memo. While composing a memo, use the following options:

· **Category**: Create or set a category.

· **Image**: Insert images.

· **Voice**: Make a voice recording to insert.

· **Tasks**: Add tick boxes at the beginning of each row to create a list of tasks.

To save the memo, tap **SAVE**.

To edit a memo, tap a memo, and then tap the content of the memo.

Searching for memos

Tap **SEARCH** on the memos list and enter a keyword to search for memos that include the keyword.

Clock

Introduction

Set alarms, check the current time in many cities around the world, time an event, or set a specific duration.

ALARM

On the Apps screen, tap **Clock** → **ALARM**.

Setting alarms

Set an alarm time and tap **SAVE**.

To open the keypad to enter an alarm time, tap **KEYPAD**.

To activate or deactivate alarms, tap the clock icon next to the alarm in the alarms list.

Stopping alarms

Tap **DISMISS** to stop an alarm. If you have previously enabled the snooze option, tap **SNOOZE** to repeat the alarm after a specified length of time.

Deleting alarms

Tap ✕ on an alarm in the list of alarms.

WORLD CLOCK

On the Apps screen, tap **Clock** → **WORLD CLOCK**.

Creating clocks

Enter a city name or select a city from the globe, and then tap ✚.

Deleting clocks

Tap ✕ on a clock.

STOPWATCH

1 On the Apps screen, tap **Clock** → **STOPWATCH**.

2 Tap **START** to time an event.

To record lap times while timing an event, tap **LAP**.

3 Tap **STOP** to stop timing.

To restart the timing, tap **RESUME**.

To clear lap times, tap **RESET**.

TIMER

1 On the Apps screen, tap **Clock** → **TIMER**.

2 Set the duration, and then tap **START**.

To open the keypad to enter the duration, tap **KEYPAD**.

3 Tap **DISMISS** when the timer goes off.

Calculator

Perform simple or complex calculations.

Tap **Calculator** on the Apps screen.

To see the calculation history, tap **HISTORY**. To close the calculation history panel, tap **KEYPAD**.

To clear the history, tap **HISTORY** → **CLEAR HISTORY**.

Google apps

Google provides entertainment, social network, and business apps. You may require a Google account to access some apps. Refer to Accounts for more information.

To view more app information, access each app's help menu.

> Some apps may not be available or may be labelled differently depending on the region or service provider.

Chrome

Search for information and browse webpages.

Gmail

Send or receive emails via the Google Mail service.

Maps

Find your location on the map, search for locations, and view location information for various places.

Play Music

Discover, listen to, and share music on your device.

Play Movies

Watch videos stored on your device and download various content to watch from **Play Store**.

Drive

Store your content on the cloud, access it from anywhere, and share it with others.

YouTube

Watch or create videos and share them with others.

Photos

Search for, manage, and edit all your photos and videos from various sources in one place.

Hangouts

Chat with your friends individually or in groups and use images, emoticons, and video calls while you are chatting.

Google

Search quickly for items on the Internet or your device.

Voice Search

Search quickly for items by saying a keyword or phrase.

Google Settings

Configure settings for some features provided by Google.

Microsoft apps

Use the Android versions of various Microsoft products: Word, Excel, PowerPoint, OneNote, Skype and OneDrive.

Tap **Microsoft Apps** on the Apps screen.

These apps may not be available depending on the region or service provider.

Settings

Introduction

Customize settings for functions and apps. You can make your device more personalized by configuring various setting options.

On the Apps screen, tap **Settings**.

To search for settings by entering keywords, tap **SEARCH**.

Wi-Fi

Connecting to a Wi-Fi network

Activate the Wi-Fi feature to connect to a Wi-Fi network and access the Internet or other network devices.

> 🔔 Turn off Wi-Fi to save the battery when not in use.

1 On the Settings screen, tap **Wi-Fi**, and then tap the switch to activate it.

2 Select a network from the Wi-Fi networks list.

Networks that require a password appear with a lock icon.

3 Tap **CONNECT**.

🔔 Once the device connects to a Wi-Fi network, the device will reconnect to that network each time it is available without requiring a password. To prevent the device connecting to the network automatically, select it from the list of networks and tap **FORGET**.

Wi-Fi Direct

Wi-Fi Direct connects devices directly via a Wi-Fi network without requiring an access point.

1 On the Settings screen, tap **Wi-Fi**, and then tap the switch to activate it.

2 Tap **Wi-Fi Direct**.

The detected devices are listed.

If the device you want to connect to is not in the list, request that the device turns on its Wi-Fi Direct feature.

3 Select a device to connect to.

The devices will be connected when the other device accepts the Wi-Fi Direct connection request.

Sending and receiving data

You can share data, such as contacts or media files, with other devices. The following actions are an example of sending an image to another device.

1 Tap **Gallery** on the Apps screen.

2 Select an image.

3 Tap **Share** → **Wi-Fi Direct**, select a device to transfer the image to, and then tap **SHARE**.

4 Accept the Wi-Fi Direct connection request on the other device.

If the devices are already connected, the image will be sent to the other device without the connection request procedure.

Ending the device connection

1 Tap **Wi-Fi** on the Settings screen.

2 Tap **Wi-Fi Direct**.

The device displays the connected devices in the list.

3 Tap the device name to disconnect the devices.

Bluetooth

Introduction

Use Bluetooth to exchange data or media files with other Bluetooth-enabled devices.

- Samsung is not responsible for the loss, interception, or misuse of data sent or received via Bluetooth.
- Always ensure that you share and receive data with devices that are trusted and properly secured. If there are obstacles between the devices, the operating distance may be reduced.
- Some devices, especially those that are not tested or approved by the Bluetooth SIG, may be incompatible with your device.
- Do not use the Bluetooth feature for illegal purposes (for example, pirating copies of files or illegally tapping communications for commercial purposes).

    Samsung is not responsible for the repercussion of illegal use of the Bluetooth feature.

Pairing with other Bluetooth devices

1 On the Settings screen, tap **Bluetooth**, and then tap the switch to activate it.

The detected devices are listed.

2 Select a device to pair with.

If the device you want to pair with is not in the list, request that the device turns on its visibility option. Refer to the other device's user manuals.

> Your device is visible to other devices while the Bluetooth settings screen is open.

3 Accept the Bluetooth connection request on your device to confirm.

The devices will be connected when the other device accepts the Bluetooth connection request.

Sending and receiving data

Many apps support data transfer via Bluetooth. You can share data, such as contacts or media files, with other Bluetooth devices. The following actions are an example of sending an image to another device.

1 Tap **Gallery** on the Apps screen.

2 Select an image.

3 Tap **Share** → **Bluetooth**, and then select a device to receive the image.

If your device has paired with the device before, tap the device name without confirming the auto-generated passkey.

If the device you want to pair with is not in the list, turn on its visibility option.

4 Accept the Bluetooth connection request on the other device.

Unpairing Bluetooth devices

1 Tap **Bluetooth** on the Settings screen.

The device displays the paired devices in the list.

2 Tap ⚙ next to the device name to unpair.

3 Tap **Unpair**.

Flight mode

This disables all wireless functions on your device. You can use only non-network services.

On the Settings screen, tap **Flight mode**.

Data usage

Keep track of your data usage amount.

On the Settings screen, tap **Data usage**.

To change the monthly reset date for the monitoring period, tap ▼ → **Change cycle**.

More connection settings

Options

Customize settings to control other features.

On the Settings screen, tap **More connection settings**.

- **Printing**: Configure settings for printer plug-ins installed on the device. You can search for available printers or add one manually to print files. Refer to Printing for more information.

- **VPN**: Set up and connect to virtual private networks (VPNs).

Printing

Configure settings for printer plug-ins installed on the device. You can connect the device to a printer via Wi-Fi or Wi-Fi Direct, and print images or documents.

🔔 Some printers may not be compatible with the device.

Adding printer plug-ins

Add printer plug-ins for printers you want to connect the device to.

1 On the Settings screen, tap **More connection settings** → **Printing** → **Download plug-in**.

2 Search for a printer plug-in in **Play Store**.

3 Select a printer plug-in and install it.

4 Select the printer plug-in and tap the switch to activate it.

The device searches for printers that are connected to the same Wi-Fi network as your device.

To add printers manually, tap **MORE** → **Add printer** → **ADD PRINTER**.

To change print settings, tap **MORE** → **Printing settings**.

Printing content

While viewing content, such as images or documents, tap **Share** → **Print** → ▼ →
All printers, and then select a printer.

Sounds and notifications

Change settings for various sounds on the device.

On the Settings screen, tap **Sounds and notifications**.

- **Sound mode**: Set the device to use sound mode or silent mode.
- **Volume**: Adjust the volume level for music and videos, system sounds, and notifications.
- **Sounds**: Change the notification and system sound settings.
- **Sound quality and effects**: Configure additional sound settings.
- **Do not disturb**: Set the device to mute notification sounds, except for allowed exceptions.
- **Notifications on lock screen**: Set whether or not to show the content of notifications on the locked screen.
- **App notifications**: Change the notification settings for each app.

Display

Change the display settings.

On the Settings screen, tap **Display**.

- **Brightness**: Adjust the brightness of the display.
- **Font**: Change the font size and type.
- **Screen timeout**: Set the length of time the device waits before turning off the display's backlight.
- **Daydream**: Set the device to launch a screensaver when the device is charging.

Applications

Manage the device's apps and change their settings.

On the Settings screen, tap **Applications**.

- **Application manager**: View and manage the apps on your device.
- **Default applications**: Select a default setting for using apps.
- **Application settings**: Customize the settings for each app.

Users

Set up additional user accounts for other users to use the device with personalized settings, such as email accounts, wallpaper preferences, and more. Following types of user accounts are available:

- **Owner**: The owner account is created only when setting up the device for the first time, and cannot be created more than one. This account has full control of the device including user account management. You can add or delete user accounts only when using this account.
- **Guest**: This account allows guests to access the device. Information and data used during a guest session is temporarily stored. Each time you use this account, you are asked whether to continue the previous guest session or reset it.
- **User**: This account allows users to access their own apps and content, and customise the device settings that affect all accounts.
- **User (restricted profile)**: A restricted account can only access the apps and content allowed by the owner account, and cannot use the services that require logging in.

Adding users

1 On the Settings screen, tap **Users**.

2 Tap **Add user or profile** → **User** → **OK** → **SET UP NOW**.

The device will switch to a new user account and the default locked screen will appear on the screen.

3 Unlock the device and follow the on-screen instructions to complete the account setup.

Adding restricted profiles

1 On the Settings screen, tap **Users**.

2 Tap **Add user or profile** → **User (restricted profile)**.

If you are not using a secure screen lock method with the owner account, follow the on-screen instructions to set one up.

3 Select the apps and content that restricted users are allowed to access.

Switching users

Tap the user account icon at the top of the locked screen or the notification panel, and then select an account to switch to.

Locked screen   Notification panel

Managing users

When using the owner account, you can delete accounts or change the settings for restricted accounts.

To delete a user account, tap 🗑 next to an account to delete it.

To change the settings for a restricted account, tap ⚙ next to an account. You can delete the account by tapping 🗑.

Wallpaper

Change the wallpaper settings for the Home screen and the locked screen.

On the Settings screen, tap **Wallpaper**.

Lock screen and security

Change the settings for securing the device.

On the Settings screen, tap **Lock screen and security**.

> The available options may vary depending on the screen lock method selected.

- **Screen lock type**: Change the screen lock method.
- **Show information**: Change settings for the items displayed on the locked screen.
- **Unlock effect**: Select an effect that you see when you unlock the screen.
- **Secure lock settings**: Change screen lock settings for the selected lock method.
- **Find My Mobile**: Activate or deactivate the Find My Mobile feature. This feature can help you locate your device if it is lost or stolen. You can also access the Find my mobile website (findmymobile.samsung.com) to track and control your lost or stolen device.
- **Unknown sources**: Set the device to allow the installation of apps from unknown sources.
- **Other security settings**: Configure additional security settings.

Privacy

Change the settings for maintaining your privacy.

On the Settings screen, tap **Privacy**.

- **Location**: Change settings for location information permissions.
- **Report diagnostic info**: Set the device to automatically send the device's diagnostic and usage information to Samsung.

Accessibility

Configure various settings to improve accessibility to the device.

On the Settings screen, tap **Accessibility**.

- **Vision**: Customize the settings to improve accessibility for visually impaired users.
- **Hearing**: Customize the settings to improve accessibility for users with hearing impairment.
- **Dexterity**: Customize the settings to improve accessibility for users who have reduced dexterity.
- **Direction lock**: Change the directional combination settings for unlocking the screen.
- **Notification reminder**: Set the device to alert you to notifications that you have not checked at the interval.
- **Single tap mode**: Set the device to control notifications by tapping the button instead of dragging it.
- **Manage accessibility**: Export or import the accessibility settings to share them with other devices.
- **Services**: View accessibility services installed on the device.

Accounts

Add your Samsung and Google accounts, or other accounts, to sync with.

Adding accounts

Some apps used on your device require a registered account. Create accounts to have the best experience with your device.

1 On the Settings screen, tap **Accounts** → **Add account**.

2 Select an account service.

3 Follow the on-screen instructions to complete the account setup.

To sync content with your accounts, select an account and select items to sync.

Registering Samsung accounts

You need a Samsung account when using some Samsung apps. You can back up or restore data saved in the device to your Samsung account. Register your Samsung account to the device to conveniently use Samsung services.

1   On the Settings screen, tap **Accounts** → **Add account**.

2   Tap **Samsung account**.

3   Follow the on-screen instructions to complete the account setup.

Once your Samsung account has been registered, you can use apps requiring your Samsung account without the sign in procedure.

Removing accounts

On the Settings screen, tap **Accounts**, select an account name, select the account to remove, and then tap **MORE** → **Remove account**.

Backup and reset

Change the settings for managing settings and data.

On the Settings screen, tap **Backup and reset**.

- **Back up my data**: Back up your personal information and app data to the Samsung server. You can also set the device to automatically back up data.
- **Restore**: Restore previously backed up personal information and app data from your Samsung account.
- **Backup account**: Set up or edit your Google backup account.
- **Back up my data**: Set the device to back up settings and app data to the Google server.
- **Automatic restore**: Set the device to automatically restore settings and app data from the Google server when apps are reinstalled.
- **Auto restart**: Set the device to automatically optimize and restart itself at preset times for optimal performance.
- **Factory data reset**: Reset settings to the factory default values and delete all data.

Language and input

Change the settings for text input. Some options may not be available depending on the selected language.

On the Settings screen, tap **Language and input**.

- **Language**: Select a display language for all menus and apps.
- **Default keyboard**: Select a default keyboard type for text input.
- **Samsung keyboard**: Change the Samsung keyboard settings.
- **Google voice typing**: Change the voice input settings.
- **Voice input**: Select a default voice input service. You can also change settings for each service.
- **Text-to-speech options**: Change the text-to-speech settings.
- **Pointer speed**: Adjust the pointer speed for the mouse or trackpad connected to your device.

Battery

View battery power information and change power saving options.

On the Settings screen, tap **Battery**.

> The usage time left shows the time remaining before the battery power runs out. Usage time left may vary depending on your device settings and operating conditions.

- **Power saving mode**: Activate power-saving mode and change the settings for power-saving mode. Refer to Power saving mode for more information.
- **Display battery percentage**: Set the device to display the remaining battery life.

Storage

View memory information for your device.

On the Settings screen, tap **Storage**.

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

Date and time

Access and alter the following settings to control how the device displays the time and date.

On the Settings screen, tap **Date and time**.

> 🔔 If the battery remains fully discharged or removed from the device, the time and date is reset.

- **Automatic date and time**: Automatically update the time and date when moving across time zones.
- **Set date**: Set the current date manually.
- **Set time**: Set the current time manually.
- **Select time zone**: Set the home time zone.
- **Use 24-hour format**: Display time in 24-hour format.

About device

Access device information, edit the device name, or update device software.

On the Settings screen, tap **About device**.

Appendix

Troubleshooting

Before contacting a Samsung Service Centre, please attempt the following solutions. Some situations may not apply to your device.

When you turn on your device or while you are using the device, it prompts you to enter a password:

- When the device lock feature is enabled, you must enter the password you set for the device.

Your device displays network or service error messages

- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again. While moving, error messages may appear repeatedly.
- You cannot access some options without a subscription. For more information, contact your service provider.

Your device does not turn on

When the battery is completely discharged, your device will not turn on. Fully charge the battery before turning on the device.

The touchscreen responds slowly or improperly

- If you attach a protective cover or optional accessories to the touchscreen, the touchscreen may not function properly.
- If you are wearing gloves, if your hands are not clean while touching the touchscreen, or if you tap the screen with sharp objects or your fingertips, the touchscreen may malfunction.
- The touchscreen may malfunction in humid conditions or when exposed to water.
- Restart your device to clear any temporary software bugs.
- Ensure that your device software is updated to the latest version.
- If the touchscreen is scratched or damaged, visit a Samsung Service Centre.

Your device freezes or has fatal errors

If your device freezes or hangs, you may need to close apps or turn off the device and turn it on again. If your device is frozen and unresponsive, press and hold the Power key and the Volume key down simultaneously for more than 7 seconds to restart it.

If this does not solve the problem, perform a factory data reset. On the Apps screen, tap **Settings** → **Backup and reset** → **Factory data reset** → **RESET DEVICE** → **ERASE EVERYTHING**. Before performing the factory data reset, remember to make backup copies of all important data stored in the device.

If the problem is still not resolved, contact a Samsung Service Centre.

The Internet is often disconnected

- Ensure that you are not blocking the device's internal antenna.
- When you are in areas with weak signals or poor reception, you may lose reception. You may have connectivity problems due to issues with the service provider's base station. Move to another area and try again.
- When using the device while moving, wireless network services may be disabled due to issues with the service provider's network.

The battery icon is empty

Your battery is low. Charge the battery.

The battery does not charge properly (For Samsung-approved chargers)

- Ensure that the charger is connected properly.
- Visit a Samsung Service Centre and have the battery replaced.

The battery depletes faster than when first purchased

- When you expose the device to very cold or very hot temperatures, the useful charge may be reduced.
- Battery consumption increases when you use messaging features or some apps, such as games or the Internet.
- The battery is consumable and the useful charge will get shorter over time.

Your device is hot to the touch

When you use apps that require more power or use apps on your device for an extended period of time, your device may feel hot to the touch. This is normal and should not affect your device's lifespan or performance.

Error messages appear when launching the camera

Your device must have sufficient available memory and battery power to operate the camera app. If you receive error messages when launching the camera, try the following:

- Charge the battery.
- Free some memory by transferring files to a computer or deleting files from your device.
- Restart the device. If you are still having trouble with the camera app after trying these tips, contact a Samsung Service Centre.

Photo quality is poorer than the preview

- The quality of your photos may vary, depending on the surroundings and the photography techniques you use.
- If you take photos in dark areas, at night, or indoors, image noise may occur or images may be out of focus.

Error messages appear when opening multimedia files

If you receive error messages or multimedia files do not play when you open them on your device, try the following:

- Free some memory by transferring files to a computer or deleting files from your device.
- Ensure that the music file is not Digital Rights Management (DRM)-protected. If the file is DRM-protected, ensure that you have the appropriate licence or key to play the file.
- Ensure that the file formats are supported by the device. If a file format is not supported, such as DivX or AC3, install an app that supports it. To confirm the file formats that your device supports, visit www.samsung.com.
- Your device supports photos and videos captured with the device. Photos and videos captured by other devices may not work properly.
- Your device supports multimedia files that are authorised by your network service provider or providers of additional services. Some content circulated on the Internet, such as ringtones, videos, or wallpapers, may not work properly.

Another Bluetooth device is not located

- Ensure that the Bluetooth wireless feature is activated on your device.
- Ensure that the Bluetooth wireless feature is activated on the device you wish to connect to.
- Ensure that your device and the other Bluetooth device are within the maximum Bluetooth range (10 m).

If the tips above do not solve the problem, contact a Samsung Service Centre.

A connection is not established when you connect the device to a computer

- Ensure that the USB cable you are using is compatible with your device.
- Ensure that you have the proper driver installed and updated on your computer.
- If you are a Windows XP user, ensure that you have Windows XP Service Pack 3 or higher installed on your computer.

Your device cannot find your current location

GPS signals may be obstructed in some locations, such as indoors. Set the device to use Wi-Fi or a mobile network to find your current location in these situations.

Data stored in the device has been lost

Always make backup copies of all important data stored in the device. Otherwise, you cannot restore data if it is corrupted or lost. Samsung is not responsible for the loss of data stored in the device.

A small gap appears around the outside of the device case

- This gap is a necessary manufacturing feature and some minor rocking or vibration of parts may occur.
- Over time, friction between parts may cause this gap to expand slightly.

Removing the battery

- To remove the battery, you **must** visit an authorized service centre with the provided instructions.

- For your safety, you **must not attempt to remove** the battery. If the battery is not properly removed, it may lead to damage to the battery and device, cause personal injury, and/or result in the device being unsafe.

- Samsung does not accept liability for any damage or loss (whether in contract or tort, including negligence) which may arise from failure to precisely follow these warnings and instructions, other than death or personal injury caused by Samsung's negligence.

1 Remove the stand.

2 Loosen and remove the screws at the location points and remove the back cover.

3 Loosen and remove the screws from the battery.

4 Disconnect the battery connector and remove the battery.

Health and Safety

This safety information contains content for mobile devices. Some content may be not applicable to your device. To prevent injury to yourself and others or damage to your device, read the safety information about your device before using the device.

⚠️ **Warning: Failure to comply with safety warnings and regulations can cause serious injury or death.**

Do not use damaged power cords or plugs, or loose electrical sockets

- Unsecured connections can cause electric shock or fire.

Do not touch the power cord with wet hands or disconnect the charger by pulling the cord

- Doing so may result in electrocution.

Do not bend or damage the power cord

- Doing so may cause electric shock or fire.

Do not use your device while it is charging or touch your device with wet hands

- Doing so may cause electric shock.

Do not short-circuit the charger or the device

- Doing so may cause electric shock or fire, or the battery may malfunction or explode.

Do not use your device outdoor during a thunderstorm

- Doing so may result in electric shock or device malfunction.

Use manufacturer-approved chargers, accessories, and supplies

- Using generic chargers may shorten the life of your device or cause the device to malfunction. They may also cause a fire or cause the battery to explode.

- Use only Samsung-approved charger specifically designed for your device. Incompatible battery and charger can cause serious injuries or damage to your device.

- Samsung cannot be responsible for the user's safety when using accessories or supplies that are not approved by Samsung.

- Do not drop or cause an impact to the charger or the device

Handle and dispose of the device and charger with care

- Never dispose of the device in a fire. Never place the device on or in heating devices, such as microwave ovens, stoves, or radiators. The device may explode when overheated. Follow all local regulations when disposing of used battery or device.

- Never crush or puncture the device.

- Avoid exposing the device to high external pressure, which can lead to an internal short circuit and overheating.

Protect the device and charger from damage

- Avoid exposing your device to very cold or very hot temperatures.
- Extreme temperatures can damage the device and reduce the charging capacity and life of your device and battery.
- Never use a damaged charger.

Do not store your device near or in heaters, microwaves, hot cooking equipment, or high pressure containers

- The battery may leak.
- Your device may overheat and cause a fire.

Do not use or store your device in areas with high concentrations of dust or airborne materials

- Dust or foreign materials can cause your device to malfunction and may result in fire or electric shock.

Do not bite or suck the device

- Doing so may damage the device or result in an explosion or fire.
- Children or animals can choke on small parts.
- If children use the device, make sure that they use the device properly.

Do not insert the device or supplied accessories into the eyes, ears, or mouth

- Doing so may cause suffocation or serious injuries.

⚠ **Caution: Failure to comply with safety cautions and regulations can cause injury or property damage**

Do not use your device near other electronic devices

- Most electronic devices use radio frequency signals. Your device may interfere with other electronic devices.

Do not use your device in a hospital, on an aircraft, or in an automotive equipment that can be interfered with by radio frequency

- Avoid using your device within a 15 cm range of a pacemaker, if possible, as your device can interfere with the pacemaker.
- To minimize possible interference with a pacemaker, use your device only on the side of your body that is opposite the pacemaker.
- If you use medical equipment, contact the equipment manufacturer before using your

device to determine whether or not the equipment will be affected by radio frequencies emitted by the device.

- On an aircraft, using electronic devices can interfere with the aircraft's electronic navigational instruments. Make sure the device is turned off during takeoff and landing. After takeoff, you can use the device in flight mode if allowed by aircraft personnel.
- Electronic devices in your car may malfunction, due to radio interference from your device. Contact the manufacturer for more information.

Do not expose the device to heavy smoke or fumes

- Doing so may damage the outside of the device or cause it to malfunction.

If you use a hearing aid, contact the manufacturer for information about radio interference

- The radio frequency emitted by your device may interfere with some hearing aids. Before using your device, contact the manufacturer to determine whether or not your hearing aid will be affected by radio frequencies emitted by the device.

Do not use your device near devices or apparatuses that emit radio frequencies, such as sound systems or radio towers

- Radio frequencies may cause your device to malfunction.
- Turn off the device in potentially explosive environments
- Turn off your device in potentially explosive environments instead of removing the battery.
- Always comply with regulations, instructions and signs in potentially explosive environments.
- Do not use your device at refuelling points (gas stations), near fuels or chemicals, or in blasting areas.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories.

If you notice strange smells or sounds coming from your device or the battery, or if you see smoke or liquids leaking from the device or battery, stop using the device immediately and take it to a Samsung Service Centre

- Failure to do so may result in fire or explosion.

Comply with all safety warnings and regulations regarding mobile device usage while operating a vehicle

- While driving, safely operating the vehicle is your first responsibility. Never use your mobile device while driving, if it is prohibited by law. For your safety and the safety of others, use your common sense and remember the following tips:

- Position your device within easy reach. Make sure you can access your wireless device without taking your eyes off the road.

- Suspend use in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice, and heavy traffic can be hazardous.

- Do not take notes or look up phone numbers. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility of driving safely.

Care for and use your mobile device properly

Keep your device dry

- Humidity and liquids may damage the parts or electronic circuits in your device.

- Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service centre.

- Liquids will change the colour of the label that indicates water damage inside the device. Water damage to your device can void your manufacturer's warranty.

Store your device only on flat surfaces

- If your device falls, it may be damaged.

Do not store your device in very hot or very cold areas. It is recommended to use your device at temperatures from 5 °C to 35 °C

- Do not store your device in very hot areas such as inside a car in the summertime. Doing so may cause the screen to malfunction, result in damage to the device, or cause the battery to explode.

- Do not expose your device to direct sunlight for extended periods of time (on the dashboard of a car, for example).

- Store the battery at temperatures from 0 °C to 45 °C.

Do not store your device with metal objects, such as coins, keys, and necklaces

- Your device may be scratched or may malfunction.

Do not store your device near magnetic fields

- Your device may malfunction or the battery may discharge from exposure to magnetic fields.

- Magnetic stripe cards, including credit cards, phone cards, passbooks, and boarding passes, may be damaged by magnetic fields.

Do not use your device or applications for a while if the device is overheated

- Prolonged exposure of your skin to an overheated device may cause low temperature burn symptoms, such as red spots and pigmentation.

Use caution when exposed to flashing lights

- While using your device, leave some lights on in the room and do not hold the screen too close to your eyes.
- Seizures or blackouts can occur when you are exposed to flashing lights while watching videos or playing Flash-based games for extended periods. If you feel any discomfort, stop using the device immediately.
- If anyone related to you has experienced seizures or blackouts while using a similar device, consult a physician before using the device.
- If you feel discomfort, such as a muscle spasm, or disoriented, stop using the device immediately and consult a physician.
- To prevent eye strain, take frequent breaks while using the device.

Reduce the risk of repetitive motion injuries

When you repetitively perform actions, such as pressing keys, drawing characters on a touch screen with your fingers, or playing games, you may experience occasional discomfort in your hands, neck, shoulders, or other parts of your body. When using your device for extended periods, hold the device with a relaxed grip, press the keys lightly, and take frequent breaks. If you continue to have discomfort during or after such use, stop using the device and consult a physician.

Protect your hearing and ears when using a headset

- Excessive exposure to loud sounds can cause hearing damage.
- Exposure to loud sounds while walking may distract your attention and cause an accident.
- Always turn the volume down before plugging the earphones into an audio source and use only the minimum volume setting necessary to hear your conversation or music.
- In dry environments, static electricity can build up in the headset. Avoid using headsets in dry environments or touch a metal object to discharge static electricity before connecting a headset to the device.
- Do not use a headset while driving or riding. Doing so may distract your attention and cause an accident, or may be illegal depending on your region.

Use caution when using the device while walking or moving

- Always be aware of your surroundings to avoid injury to yourself or others.

- Make sure the headset cable does not become entangled in your arms or on nearby objects.

Do not carry your device in your back pockets or around your waist

- You could be injured or damage the device if you fall.

Do not paint or put stickers on your device

- Paint and stickers can clog moving parts and prevent proper operation.
- If you are allergic to paint or metal parts of the device, you may experience itching, eczema, or swelling of the skin. When this happens, stop using the device and consult your physician.

Do not use the device if the screen is cracked or broken

- Broken glass or acrylic could cause injury to your hands and face. Take the device to a Samsung Service Centre to have it repaired.

Install mobile devices and equipment with caution

- Ensure that any mobile devices or related equipment installed in your vehicle are securely mounted.
- Avoid placing your device and accessories near or in an airbag deployment area. Improperly installed wireless equipment can cause serious injury when airbags inflate rapidly.

Do not drop your device or cause impacts to your device

- Your device may be damaged or may malfunction.
- If bent or deformed, your device may be damaged or parts may malfunction.

Ensure maximum battery and charger life

- Avoid charging your device for more than a week, as overcharging may shorten battery life.
- Over time, unused device will discharge and must be recharged before use.
- Disconnect the charger from power sources when not in use.
- Leaving batteries unused over time may reduce their lifespan and performance. It may also cause the batteries to malfunction or explode, or cause a fire.
- Follow all instructions in this manual to ensure the longest lifespan of your device and battery. Damages or poor performance caused by failure to follow warnings and instructions can void your manufacturer's warranty.
- Your device may wear out over time. Some parts and repairs are covered by the warranty within the validity period, but damages or deterioration caused by using unapproved accessories are not.

When using the device, mind the following

- Do not cover the antenna area with your hands or other objects. This may cause connectivity problems or drain the battery.

Do not disassemble, modify, or repair your device

- Any changes or modifications to your device can void your manufacturer's warranty. If your device needs servicing, take your device to a Samsung Service Centre.

When cleaning your device, mind the following

- Wipe your device or charger with a towel or an eraser.
- Do not use chemicals or detergents. Doing so may discolour or corrode the outside the device or may result in electric shock or fire.

Do not use the device for anything other than its intended use

- Your device may malfunction.

Avoid disturbing others when using the device in public

Allow only qualified personnel to service your device

- Allowing unqualified personnel to service your device may result in damage to your device and will void your manufacturer's warranty.

Handle memory cards and cables with care

- When inserting a card or connecting a cable to your device, make sure that the card is inserted or the cable is connected to the proper side.
- Do not remove a card while the device is transferring or accessing information, as this could result in loss of data and/or damage to the card or device.
- Protect cards from strong shocks, static electricity, and electrical noise from other devices.
- Do not touch gold-coloured contacts or terminals with your fingers or metal objects. If dirty, wipe the card with a soft cloth.
- Inserting a card or connecting a cable by force or improperly may result in damage to the multipurpose jack or other parts of the device.

Protect your personal data and prevent leakage or misuse of sensitive information

- While using your device, be sure to back up important data. Samsung is not responsible for the loss of any data.
- When disposing of your device, back up all data and then reset your device to prevent misuse of your personal information.
- Carefully read the permissions screen when downloading applications. Be particularly cautious with applications that have access to many functions or to a significant amount of your personal information.

- Check your accounts regularly for unapproved or suspicious use. If you find any sign of misuse of your personal information, contact your service provider to delete or change your account information.
- In the event your device is lost or stolen, change the passwords on your accounts to protect your personal information.
- Avoid using applications from unknown sources and lock your device with a pattern, password, or PIN.

Do not distribute copyright-protected material

- Do not distribute copyright-protected material without the permission of the content owners. Doing this may violate copyright laws. The manufacturer is not liable for any legal issues caused by the user's illegal use of copyrighted material.

Malware and viruses

To protect your device from malware and viruses, follow these usage tips. Failure to do so may result in damages or loss of data that may not be covered by the warranty service

- Do not download unknown applications.
- Do not visit untrusted websites.
- Delete suspicious messages or email from unknown senders.
- Set a password and change it regularly.
- Deactivate wireless features, such as Bluetooth, when not in use.
- If the device behaves abnormally, run an antivirus program to check for infection.
- Run an antivirus program on your device before you launch newly-downloaded applications and files.
- Install antivirus programs on your computer and run them regularly to check for infection.
- Do not edit registry settings or modify the device's operating system.

Correct disposal of this product

This product and its electronic accessories (e.g., charger, headset, USB cable) should not be disposed of with other household waste.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

This device is compliant with RoHS.

Correct disposal of batteries in this product

The battery incorporated in this product is not user replaceable. For information on its replacement, please contact your service provider. Do not attempt to remove the battery or dispose it in a fire. Do not disassemble, crush, or puncture the battery. If you intend to discard the product, the waste collection site will take the appropriate measures for the recycling and treatment of the product, including the battery.

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Acknowledging Special Precautions and Industry Canada Notice

Cautions

Any changes or modifications to your device not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if they cause damage or a defect to the device.

Although your device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

· Reorient/relocate the receiving antenna.

· Increase the separation between the equipment and receiver.

· Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Warning: At very high volumes, prolonged listening to a headset can damage your hearing.

Specific Absorption Rates (SAR) for Wireless Devices

The SAR is a value that corresponds to the relative amount of RF energy absorbed by the user of a wireless device.

The SAR value of a device is the result of an extensive testing, measuring and calculation process. It does not represent how much RF the device emits. All devices are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a device can be substantially less than the level reported to Industry Canada. This is because of a variety of factors including its proximity to a base station antenna, design and other factors. What is important to remember is that each device meets strict federal guidelines. Variations in SARs do not represent a variation in safety.

All devices must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in SAR values between different model devices do not mean variations in safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

This device has been tested and meets RF exposure guidelines when used with an accessory that contains no metal and that positions the mobile device 0mm from the body.

Owner's Record

The model number, regulatory number, and serial number are located on a nameplate inside the battery compartment. Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model: SM-T670

Serial No.:

Copyright

Trademarks

IC Notice

This Class B digital apparatus complies with Canadian ICES-003.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.