

## Using the mobile hotspot

Use your device as a mobile hotspot to share your device's mobile data connection with other devices.

1 On the Settings screen, tap **Connections** → **Mobile Hotspot and Tethering** → **Mobile Hotspot**.

2 Tap the switch to activate it.

The  icon appears on the status bar. Other devices can find your device in the Wi-Fi networks list.

To set a password for the mobile hotspot, tap  → **Configure Mobile Hotspot** and select the level of security. Then, enter a password and tap **Save**.

3 On the other device's screen, search for and select your device from the Wi-Fi networks list.

To connect without entering the password, tap  and scan the QR code with the other device.



If the mobile hotspot is not found, on your device, tap  → **Configure Mobile Hotspot** and deselect **Hide my device**.

4 On the connected device, use the device's mobile data connection to access the Internet.

### Auto Hotspot

You can share your device's mobile data connection with other devices signed in to your Samsung account without entering a password.

Tap the **Auto Hotspot** switch to activate it.

## More connection settings

Customise settings to control other connection features.

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

- **Nearby device scanning:** Set the device to scan for nearby devices to connect to.
- **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 virtual private networks (VPNs) on your device to connect to a school or company's private network.
- **Private DNS:** Set the device to use the security enhanced private DNS.
- **Ethernet:** When you connect an Ethernet adaptor, you can use a wired network and configure network settings.

## 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 **Connections** → **More connection settings** → **Printing** → **Download plugin**.
- 2 Search for a printer plug-in in **Play Store**.
- 3 Select a printer plug-in and install it.
- 4 Select the installed printer plug-in.

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

5 Select a printer to add.



To add printers manually, tap  → **Add printer**.

## Printing content

While viewing content, such as images or documents, access the options list, tap **Print** →  → **All printers...**, and then select a printer.



Printing methods may vary depending on the content type.

# Sound

## Options

Change settings for various sounds on the device.

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

- **Sound mode:** Set the device to use sound mode or silent mode.
- **Temporary mute:** Set the device to use silent mode for a certain period.
- **Ringtone:** Change the call ringtone.
- **Notification sound:** Change the notification sound.
- **Volume:** Adjust the device's volume level.
- **System sound:** Set the device to sound for actions, such as controlling the touchscreen.
- **Sound quality and effects:** Set the device's sound quality and effects. Refer to [Dolby Atmos \(surround sound\)](#) for more information.
- **Separate app sound:** Set the device to play media sound from a specific app separately on the other audio device. Refer to [Separate app sound](#) for more information.

## Dolby Atmos (surround sound)

Select a surround sound mode optimised for various types of audio, such as movies, music, and voice. With Dolby Atmos, you can experience moving audio sounds that flow all around you.

On the Settings screen, tap **Sound** → **Sound quality and effects** → **Dolby Atmos**, tap the switch to activate it, and then select a mode.

## Separate app sound

Set the device to play media sound from a specific app on the connected Bluetooth speaker or headset separate from the sound of other apps.

For example, you can listen to the Navigation app through your device's speaker while listening to playback from the Music app through the vehicle's Bluetooth speaker.

- 1 On the Settings screen, tap **Sound** → **Separate app sound** and tap the switch to activate it.
- 2 Select an app to play media sounds separately and tap the Back button.
- 3 Select a device for playing the selected app's media sound.

# Notifications

## Options

Change the notification settings.

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

- **Suggest actions and replies:** Set the device to suggest actions and replies for notifications.
- **Swipe left or right for snooze:** Set the device to show the notification snooze icon when you swipe a notification to the left or right on the notification panel.
- **App icon badges:** Change the settings for app icon badges. Refer to [App icon badges](#) for more information.

- **Status bar:** Set how to display notification icons and whether to show the remaining battery percentage on the status bar.
- **Do not disturb:** Set the device to mute all sounds except for allowed exceptions.
- **Recently sent:** View the apps that received recent notifications and change the notification settings. To customise notification settings for more apps, tap **See all** → ▼ → **All** and select an app from the apps list.

## App icon badges

You can set the device to display a number or dot badge on apps that have notifications. You can also set it to display no badges.

- 1 On the Settings screen, tap **Notifications** → **App icon badges** and tap the switch to activate it.
- 2 Select an option under **Badge style**.

## Display

### Options

Change the display and the Home screen settings.

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

- **Light / Dark:** Activate or deactivate dark mode.
- **Dark mode settings:** Reduce eye strain by applying the dark theme when using the device at night or in a dark place. Refer to [Dark mode settings](#) for more information.
- **Brightness:** Adjust the brightness of the display.
- **Adaptive brightness:** Set the device to save power by adjusting the brightness of the display automatically.

- **Font size and style:** Change the font size and style. Refer to [Font size and style](#) for more information.
- **Screen zoom:** Change the screen zoom setting.
- **Screen timeout:** Set the length of time the device waits before turning off the display's backlight.
- **Home screen:** Configure settings for the Home screen, such as the screen grid or layout.
- **Navigation bar:** Change the navigation bar settings. Refer to [Navigation bar \(soft buttons\)](#) for more information.
- **Screensaver:** Set the device to launch a screensaver when the device is charging. Refer to [Screensaver](#) for more information.

## Dark mode settings

Reduce eye strain by applying the dark theme when using the device at night or in a dark place.



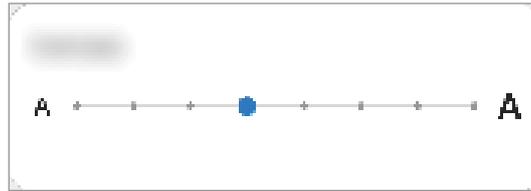
- The dark theme may not be applied in some apps.
- You can quickly activate or deactivate dark mode on the notification panel. Open the notification panel, swipe downwards, and then tap  (**Dark mode**).

- 1 On the Settings screen, tap **Display** and tap **Dark** to activate it.
- 2 To set the schedule to apply dark mode to the screen, tap **Dark mode settings**, tap the **Turn on as scheduled** switch to activate it, and then select an option.
  - **Sunset to sunrise:** Set the device to turn on dark mode at night and turn it off in the morning based on your current location.
  - **Custom schedule:** Set a specific time to turn on and off dark mode.

## Font size and style

Change the font size and style.

- 1 On the Settings screen, tap **Display** → **Font size and style**.
- 2 Change the font style and boldness setting and drag the adjustment bar under **Font size** to change the size.



## Screensaver

You can set to display images as a screensaver when the screen turns off automatically. The screensaver will be displayed when the device is charging.

- 1 On the Settings screen, tap **Display** → **Screensaver**.
- 2 Select an option.  
If you select **Photo Frame** or **Photos**, a slideshow with selected images will start. If you select **Photo Table**, selected images will appear as small cards and overlap.
- 3 Tap  to select albums for displaying images.
- 4 When you are finished, tap the Back button.  
To preview the selected option, tap **Preview**.



When you tap the screen while your screensaver is displayed, the screen will turn on.

## Wallpaper

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

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

## Lock screen

### Options

Change the settings for the locked screen.

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



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

- **Screen lock type:** Change the screen lock method.
- **Smart Lock:** Set the device to unlock itself when trusted locations or devices are detected. Refer to [Smart Lock](#) for more information.
- **Secure lock settings:** Change screen lock settings for the selected lock method.
- **Wallpaper services:** Set the device to use wallpaper services such as Dynamic Lock screen.
- **Clock style:** Change the type and colour of the clock on the locked screen.
- **Roaming clock:** Change the clock to show both the local and home time zones on the locked screen when roaming. (SM-T227U, SM-T220, SM-T225, SM-T225N, SM-T227)
- **FaceWidgets:** Change the settings of the items displayed on the locked screen.
- **Contact information:** Set the device to show contact information, such as your email address, on the locked screen.
- **Notifications:** Set how to show notifications on the locked screen.
- **Shortcuts:** Select apps to display shortcuts to them on the locked screen.
- **About Lock screen:** View the Lock screen version and legal information.

## Smart Lock

You can set the device to unlock itself and remain unlocked when trusted locations or devices are detected.

For example, if you have set your home as a trusted location, when you get home your device will detect the location and automatically unlock itself.



- This feature will be available to use after you set a screen lock method.
- If you do not use your device for four hours or when you turn on the device, you must unlock the screen using the pattern, PIN, or password you set.

- 1 On the Settings screen, tap **Lock screen** → **Smart Lock**.
- 2 Unlock the screen using the preset screen lock method.
- 3 Select an option and follow the on-screen instructions to complete the setup.

## Biometrics and security

### Options

Change the settings for securing the device.

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

- **Face recognition:** Set the device to unlock the screen by recognising your face. Refer to [Face recognition](#) for more information.
- **Biometrics preferences:** Change the settings for biometric data.
- **Google Play Protect:** Set the device to check for harmful apps and behaviour and warn about potential harm and remove them.
- **Security update:** View the version of your device's software and check for updates.
- **Google Play system update:** View the Google Play system version and check for updates.
- **Find My Mobile:** Activate or deactivate the Find My Mobile feature. Access the Find My Mobile website ([findmymobile.samsung.com](http://findmymobile.samsung.com)) to track and control your lost or stolen device.

- **Install unknown apps:** Set the device to allow the installation of apps from unknown sources.
- **Encrypt or decrypt SD card:** Set the device to encrypt files on a memory card.
  -  If you reset your device to the factory defaults with this setting enabled, the device will not be able to read your encrypted files. Disable this setting before resetting the device.
- **Other security settings:** Configure additional security settings.

## Face recognition

You can set the device to unlock the screen by recognising your face.



- If you use your face as a screen lock method, your face cannot be used to unlock the screen for the first time after turning on the device. To use the device, you must unlock the screen using the pattern, PIN, or password you set when registering the face. Be careful not to forget your pattern, PIN, or password.
- If you change the screen lock method to **Swipe** or **None**, which are not secure, all of your biometric data will be deleted. If you want to use your biometric data in apps or features, you must register your biometric data again.



### Precautions for using face recognition

Before using the face recognition to unlock your device, keep the following precautions in mind.

- Your device could be unlocked by someone or something that looks like your image.
- Face recognition is less secure than Pattern, PIN, or Password.

### For better face recognition

Consider the following when using face recognition:

- Consider the conditions when registering, such as wearing glasses, hats, masks, beards, or heavy makeup
- Ensure that you are in a well-lit area and that the camera lens is clean when registering
- Ensure your image is not blurry for better match results

## Registering your face

For better face registration, register your face indoors and out of direct sunlight.

- 1 On the Settings screen, tap **Biometrics and security** → **Face recognition**.
- 2 Read the on-screen instructions and tap **Continue**.
- 3 Set a screen lock method.
- 4 Hold the device with the screen facing towards you and look at the screen.
- 5 Position your face inside the frame on the screen.  
The camera will scan your face.



If unlocking the screen with your face is not working properly, tap **Remove face data** to remove your registered face and register your face again.

## Deleting the registered face data

You can delete face data that you have registered.

- 1 On the Settings screen, tap **Biometrics and security** → **Face recognition**.
- 2 Unlock the screen using the preset screen lock method.
- 3 Tap **Remove face data** → **Remove**.

Once the registered face is deleted, all the related features will also be deactivated.

## Unlocking the screen with your face

You can unlock the screen with your face instead of using a pattern, PIN, or password.

1 On the Settings screen, tap **Biometrics and security** → **Face recognition**.

2 Unlock the screen using the preset screen lock method.

3 Tap the **Face unlock** switch to activate it.



- If you want to set the device to unlock the screen without swiping on the locked screen after recognising your face, tap the **Stay on Lock screen** switch to deactivate it.
- If you want to increase the recognition rate in a dark place, tap the **Brighten screen** switch to activate it.

4 On the locked screen, look at the screen.

When your face is recognised, you can unlock the screen without using any additional screen lock method. If your face is not recognised, use the preset screen lock method.

## Privacy

Change the settings for privacy.

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

- **Permission manager:** View the list of features and apps that have permission to use them. You can also edit the permission settings.
- **Send diagnostic data:** Set the device to automatically send the device's diagnostic and usage information to Samsung.
- **Receive marketing information:** Set whether to receive Samsung marketing information, such as special offers, membership benefits, and newsletters.
- **Samsung account privacy:** Manage personal data related to your Samsung account and change the settings for Customisation Service.
- **Advanced:** Configure advanced settings for privacy.

## Location

Change settings for location information permissions.

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

- **App permissions:** View the list of apps that have permission to access the device's location and edit the permission settings.
- **Improve accuracy:** Set the device to use the Wi-Fi or Bluetooth feature to increase the accuracy of your location information, even when the features are deactivated.
- **Recent location requests:** View which apps request your current location information.
- **Location services:** View the location services your device is using.

## Accounts and backup

### Options

Sync, back up, or restore your device's data using Samsung Cloud. You can also sign in to accounts, such as your Samsung account or Google account, or transfer data to or from other devices via Smart Switch.

On the Settings screen, tap **Accounts and backup**.

- **Accounts:** Add your Samsung and Google accounts, or other accounts, to sync with.
- **Users:** Set up additional user accounts for other users to use the device with personalised settings, such as email accounts, wallpaper preferences, and more. Refer to [Users](#) for more information.



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

- **Backup and restore:** Keep your personal information, app data, and settings safe on your device. You can back up your sensitive information and access it later. You must sign in to your Google or Samsung account to back up or restore data.
- **Samsung Cloud:** Manage the content that you want to store securely in Samsung Cloud. Sync and back up your data and settings, and restore the previous device's data and settings even when you do not have it. Refer to [Samsung Cloud](#) for more information.

- **Smart Switch:** Launch Smart Switch and transfer data from your previous device. Refer to [Transferring data from your previous device \(Smart Switch\)](#) for more information.



Regularly back up your data to a safe location, such as Samsung Cloud or a computer, so that you can restore it if the data is corrupted or lost due to an unintended factory data reset.

## Users

Set up additional user accounts for other users to use the device with personalised settings, such as email accounts, wallpaper preferences, and more.



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

Following types of user accounts are available:

- **Administrator:** The administrator 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.
- **New user:** This account allows users to access their own apps and content, and customise the device settings that affect all accounts.
- **New restricted account:** A restricted account can only access the apps and content allowed by the administrator account, and cannot use the services that require logging in. (SM-T227U, SM-T220, SM-T227)

## Adding users

- 1 On the Settings screen, tap **Accounts and backup** → **Users**.
- 2
  - ▶ **SM-T227U, SM-T225, SM-T225N:** Tap **Add user** → **OK** → **Set up now**.
  - ▶ **SM-T227U, SM-T220, SM-T227:** Tap **Add user or profile** → **User** → **OK** → **Set up now**.

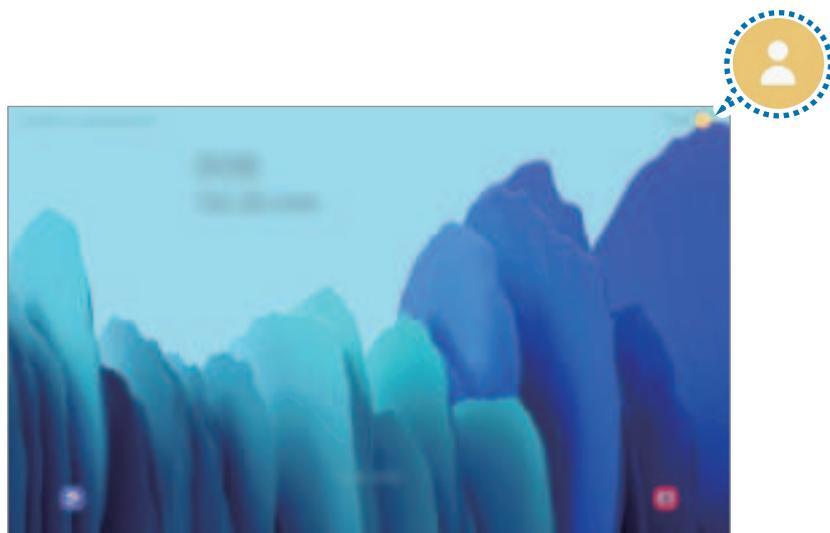
The device will switch to a new user account and the default locked screen will appear on the screen.
- 3 Unlock the device and follow the on-screen instructions to complete the account setup.

## Adding restricted profiles (SM-T227U, SM-T220, SM-T227)

- 1 On the Settings screen, tap **Accounts and backup** → **Users**.
- 2 Tap **Add user or profile** → **User (restricted profile)** → **Set up screen lock**.  
If you are not using a secure screen lock method with the administrator 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 and select an account to switch to.



Locked screen

## Managing users

When using the administrator account, you can delete accounts or change account settings.

On the Settings screen, tap **Accounts and backup** → **Users**.

▶ **SM-T227U, SM-T225, SM-T225N**: To delete a user account, tap  next to the account and then tap **Delete user**.

To change an account's settings, tap  next to an account.

▶ **SM-T227U, SM-T220, SM-T227**: To delete a user account, tap  next to the account.

## Samsung Cloud

Sync your device's data with Samsung Cloud and view the data you have synced in each app. You can also back up your device's data to Samsung Cloud and restore it later.



To use Samsung Cloud, you must sign in to your Samsung account.

## Syncing data

You can sync data saved in your device with Samsung Cloud and access it from other devices.

1 On the Settings screen, tap **Accounts and backup** → **Samsung Cloud**.

2 Tap  → **Settings** → **Sync and auto backup settings** → **Sync**.

3 Tap the switches next to the items you want to sync with.



- You can check the saved data or change the settings by tapping **Other synced data** or **Samsung Cloud Drive**.
- When you connect your Samsung account and Microsoft account, you can sync images and videos with Microsoft OneDrive.

## Backing up data

You can back up your device's data to Samsung Cloud.

- 1 On the Settings screen, tap **Accounts and backup** → **Samsung Cloud** → **Back up this tablet**.
- 2 Tick items you want to back up and tap **Back up**.
- 3 Tap **Done**.



- Some data will not be backed up. To check which data will be backed up, on the Settings screen, tap **Accounts and backup** → **Samsung Cloud** → **Back up this tablet**.
- To view the backup data for other devices in your Samsung Cloud, on the Settings screen, tap **Accounts and backup** → **Samsung Cloud** → **Restore data** → ▼, and then select a device you want.

## Restoring data

You can restore your backup data from Samsung Cloud to your device.

- 1 On the Settings screen, tap **Accounts and backup** → **Samsung Cloud**.
- 2 Tap **Restore data** → ▼ and select a device you want.
- 3 Tick items you want to restore and tap **Restore**.

## Google

Configure settings for some features provided by Google.

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

# Advanced features

## Options

Activate advanced features and change the settings that control them.

On the Settings screen, tap **Advanced features**.



Excessive shaking or an impact to the device may cause an unintended input for some features using sensors.

- **Side key:** Select an app or feature to launch using the Side key.
- **Accessories:** Change the accessory settings.
- **Call & text on other devices:** Use your device's calling and messaging features on other devices signed in to your Samsung account.



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

- **Smart pop-up view:** Select apps to view their notifications via pop-up windows. When using this feature, you can quickly view the contents via pop-up windows by tapping the icon on the screen.



This feature is only available in apps that support the Multi window feature.

- **Screenshots:** Change the settings for screenshots.
- **Direct share:** Set the device to display the people you contacted on the sharing options panel to allow you to share content directly.
- **Reduce animations:** Set the device to reduce the screen effects of certain actions, such as opening or closing apps.
- **Motions and gestures:** Activate the motion feature and configure settings. Refer to [Motions and gestures](#) for more information.

## Motions and gestures

Activate the motion feature and configure settings.

On the Settings screen, tap **Advanced features** → **Motions and gestures**.

- **Double tap to wake:** Set the device to turn on the screen by double-tapping anywhere on the screen while the screen is turned off.
- **Swipe to call or send messages:** Set the device to make a call or send a message when you swipe to the right or left on a contact or a phone number in the **Phone** or **Contacts** app.

## Digital Wellbeing and parental controls

### Options

View the history of your device usage and use features to prevent your device from interfering with your life. You can also set up parental controls for your children and manage their digital use.

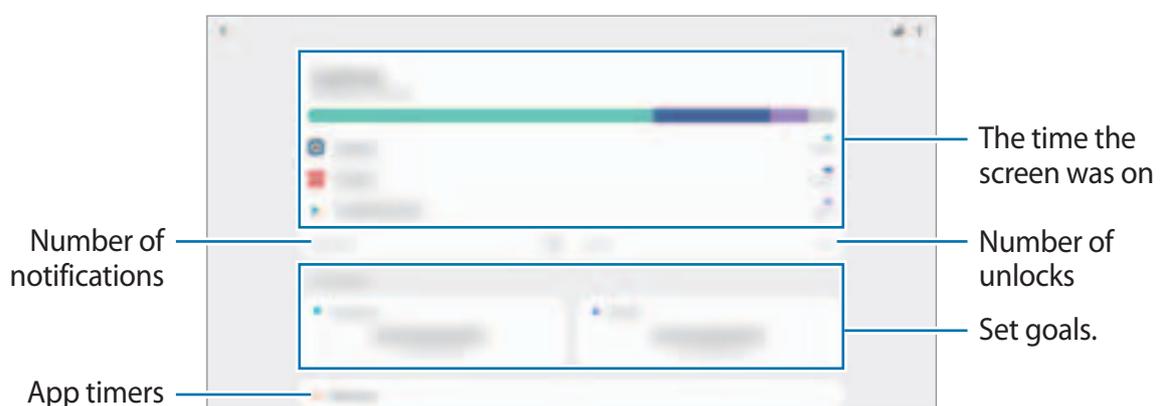
On the Settings screen, tap **Digital Wellbeing and parental controls**.

- **Digital Wellbeing:** View the daily usage history of your device. Refer to [Digital Wellbeing](#) for more information.
- **Parental controls:** Manage your children's digital use.

### Digital Wellbeing

View the daily usage history of your device. You can also limit usage time or change the notification settings for each app.

On the Settings screen, tap **Digital Wellbeing and parental controls** → **Digital Wellbeing**.



## Setting your goals

You can set goals for how long to use your device and how many times to unlock it a day.

- 1 On the Settings screen, tap **Digital Wellbeing and parental controls**.
- 2 Tap **Screen time** or **Unlocks** under **Your goals**, set a goal, and then tap **Set**.

## Setting timers for apps

You can limit the daily usage time for each app by setting a timer. When you reach the limit, the app will be deactivated and you cannot use it.

- 1 On the Settings screen, tap **Digital Wellbeing and parental controls** → **App timers**.
- 2 Tap **No timer** next to the app you want and set the time.

## Using focus mode

You can activate focus mode to avoid distractions from your device and stay focused on what you want. While focus mode is on, you can only use default apps and the apps you allowed exceptions for.

On the Settings screen, tap **Digital Wellbeing and parental controls**. Then tap the mode you want to activate under **Focus mode** and tap **Start**.

## Activating wind down mode

You can activate wind down mode to reduce eye strain before sleeping and prevent your sleep from being disturbed.

- 1 On the Settings screen, tap **Digital Wellbeing and parental controls** → **Wind Down**.
- 2 To set the schedule to activate wind down mode, tap **Turn on as scheduled**, tap the switch to activate it, and then set the days and time.

## Device care

### Introduction

The device care feature provides an overview of the status of your device's battery, storage, memory, and system security. You can also automatically optimise the device with a tap of your finger.

### Optimising your device

On the Settings screen, tap **Device care** → **Optimise now**.

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

- Closing apps running in the background.
- Managing abnormal battery usage.
- Scanning for crashed apps and malware.

### Using the auto optimisation feature

You can set the device to perform auto optimisation when your device is not in use. Tap  → **Advanced** → **Auto optimisation** and tap the switch to activate it. If you want to set the time to perform auto optimisation, tap **Time**.

### 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.

On the Settings screen, tap **Device care** → **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.
- You may not receive notifications from some apps that use power saving mode.

## Power mode

Select a power mode that suits your device usage purposes.

Tap **Power mode** and select an option.

- **Optimised:** Optimised for a balance between the device's performance and battery usage.
- **Medium power saving:** Activate power saving mode to extend the battery's usage time.
- **Maximum power saving:** In maximum power saving mode, the device decreases battery consumption by activating dark mode and limiting the apps and features available. Network connections, except for the mobile network, will be deactivated.

You can set the device to charge the battery more quickly. Tap **Charging** and tap the **Fast charging** switch to activate it.

## Adaptive power saving

You can set the device to activate power saving mode automatically based on your usage patterns and the remaining battery power.

Tap **Power mode** and tap the **Adaptive power saving** switch to activate it. Your device will activate power saving mode based on the situation to extend the battery's usage time.

## Putting apps to sleep

You can save battery power by preventing apps that are running in the background from using battery power when they are not being used. Tap **Battery usage**, select apps from the apps list, and then tap the **Put app to sleep** switch to activate the feature.

## Storage

Check the status of the used and available memory.

On the Settings screen, tap **Device care** → **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.
- You can view the available capacity of the internal memory in the Specification section for your device on the Samsung website.

## Managing the memory

To delete files or uninstall apps that you do not use any more, select a category. Then, tick items to select and tap **Delete** or **Uninstall**.

## Memory

On the Settings screen, tap **Device care** → **Memory**.

To speed up your device by stopping apps running in the background, tick apps from the apps list, and tap **Clean now**.

## Security

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

On the Settings screen, tap **Device care** → **Security** → **Scan tablet**.

## Apps

Manage the device's apps and change their settings. You can view the apps' usage information, change their notification or permission settings, or uninstall or disable unnecessary apps.

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

## General management

Customise your device's system settings or reset the device.

On the Settings screen, tap **General management**.

- **Language and input:** Select device languages and change settings, such as keyboards and voice input types. Some options may not be available depending on the selected language. Refer to [Adding device languages](#) for more information.
- **Date and time:** Access and alter the settings to control how the device displays the time and date.



If the battery remains fully discharged, the time and date is reset.

- **Contact us:** Ask questions or view frequently asked questions.
- **Reset:** Reset your device's settings or perform a factory data reset. You can reset all your settings, or only network settings, or accessibility settings. You can also set the device to restart at a preset time for device optimisation.

### Adding device languages

You can add languages to use on your device.

- 1 On the Settings screen, tap **General management** → **Language and input** → **Language** → **Add language**.

To view all the languages that can be added, tap  → **All languages**.

- 2 Select a language to add.

- 3 To set the selected language as the default language, tap **Set as default**. To keep the current language setting, tap **Keep current**.

The selected language will be added to your languages list. If you changed the default language, the selected language will be added to the top of the list.

To change the default language from your languages list, select the language you want and tap **Apply**. If an app does not support the default language, the next supported language in the list will be used.

## Accessibility

Configure various settings to improve accessibility to the device.

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

- **Screen reader:** Activate Voice Assistant, which provides voice feedback. To view help information to learn how to use this feature, tap **Tutorial**.
- **Visibility enhancements:** Customise the settings to improve accessibility for visually impaired users.
- **Hearing enhancements:** Customise the settings to improve accessibility for users with hearing impairment.
- **Interaction and dexterity:** Customise the settings to improve accessibility for users who have reduced dexterity.
- **Advanced settings:** Configure settings for Direct access and notification features.
- **Installed services:** View accessibility services installed on the device.
- **About Accessibility:** View the Accessibility information.
- **Contact us:** Ask questions or view frequently asked questions.

## Software update

Update your device's software via the firmware over-the-air (FOTA) service. You can also schedule software updates.

On the Settings screen, tap **Software update**.



If emergency software updates are released for your device's security and to block new types of security threats, they will be installed automatically without your agreement.

- **Download and install:** Check for and install updates manually.
- **Auto download over Wi-Fi:** Set the device to download updates automatically when connected to a Wi-Fi network.
- **Last update:** View information about the last software update.

## Security updates information

Security updates are provided to strengthen the security of your device and protect your personal information. For security updates for your model, visit [security.samsungmobile.com](https://security.samsungmobile.com).



The website supports only some languages.

## User manual

View help information to learn how to use the device and apps or configure important settings.

On the Settings screen, tap **User manual**.

## About tablet

Access your device's information.

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

To change your device's name, tap **Edit**.

- **Status:** View various device information, such as the Wi-Fi MAC address and serial number.
- **Legal information:** View legal information related to the device, such as safety information and the open source licence.
- **Software information:** View the device's software information, such as its operating system version and firmware version.
- **Battery information:** View the device's battery status and information.

# 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 one of the following codes:

- **Password:** When the device lock feature is enabled, you must enter the password you set for the device.
- **PIN:** When using the device for the first time or when the PIN requirement is enabled, you must enter the PIN supplied with the SIM or USIM card. You can disable this feature by using the Lock SIM card menu.
- **PUK:** Your SIM or USIM card is blocked, usually as a result of entering your PIN incorrectly several times. You must enter the PUK supplied by your service provider.
- **PIN2:** When you access a menu requiring the PIN2, you must enter the PIN2 supplied with the SIM or USIM card. For more information, contact your service provider.

### 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 screen protector 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 encounters a fatal error

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

### Restarting the device

If your device freezes or hangs, you may need to close apps or turn off the device and turn it on again.

### Forcing restart

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

### Resetting the device

If the methods above do not solve your problem, perform a factory data reset.

Launch the **Settings** app and tap **General management** → **Reset** → **Factory data reset** → **Reset** → **Delete all**. Before performing the factory data reset, remember to make backup copies of all important data stored in the device.

## Calls are not connected

- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the phone number you are dialling.
- Ensure that you have not set call barring for the incoming phone number.

## Others cannot hear you speaking on a call

- Ensure that you are not covering the built-in microphone.
- Ensure that the microphone is close to your mouth.
- If using an earphone, ensure that it is properly connected.

## Sound echoes during a call

Adjust the volume by pressing the Volume key or move to another area.

## A cellular network or the Internet is often disconnected or audio quality is poor

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

## **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](http://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.

## Bluetooth is not working well

If another Bluetooth device is not located or there are connection problems or performance malfunctions, try the following:

- Ensure that the device you wish to connect with is ready to be scanned or connected to.
- Ensure that your device and the other Bluetooth device are within the maximum Bluetooth range (10 m).
- On your device, launch the **Settings** app, tap **Connections**, and then tap the **Bluetooth** switch to re-activate it.
- On your device, launch the **Settings** app, tap **General management** → **Reset** → **Reset network settings** → **Reset settings** → **Reset** to reset network settings. You may lose registered information when performing the reset.

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.

## **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.

## **There is not enough space in the device's storage**

Delete unnecessary data, such as cache, using the device care feature or manually delete unused apps or files to free up storage space.

## **The Home button does not appear**

The navigation bar containing the Home button may disappear while using certain apps or features. To view the navigation bar, drag upwards from the bottom of the screen.

## The screen brightness adjustment bar does not appear on the notification panel

Open the notification panel by dragging the status bar downwards, and then drag the notification panel downwards. Tap  → **Quick panel layout**, and tap the **Show brightness on top** switch to activate it.

## Removing the battery

- **To remove the battery, contact an authorised service centre. To obtain battery removal instructions, please visit [www.samsung.com/global/ecodesign\\_energy](http://www.samsung.com/global/ecodesign_energy).**
- 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.

## Copyright

Copyright © 2020 Samsung Electronics Co., Ltd.

This manual is protected under international copyright laws.

No part of this manual may be reproduced, distributed, translated, or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or storing in any information storage and retrieval system.

## Trademarks

- SAMSUNG and the SAMSUNG logo are registered trademarks of Samsung Electronics Co., Ltd.
- Bluetooth® is a registered trademark of Bluetooth SIG, Inc. worldwide.
- Wi-Fi®, Wi-Fi Direct™, Wi-Fi CERTIFIED™, and the Wi-Fi logo are registered trademarks of the Wi-Fi Alliance.
- Manufactured under license from Dolby Laboratories. Dolby, Dolby Atmos, and the double-D symbol are trademarks of Dolby Laboratories.
- All other trademarks and copyrights are the property of their respective owners.

**SAMSUNG**

# USER MANUAL

SM-T227U  
SM-T220  
SM-T225  
SM-T225N  
SM-T227