

User guide.

verizon^v

 ellipsis 10^{HD}

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Section 1. Getting Started

Understanding this User Guide

The sections of this guide generally follow the features of your device:

- The safety information beginning on page 159 provides the important information that you should know before using your device.

This guide gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Unless otherwise specified, all instructions in this guide assume that you are starting from the Home screen. To get to the Home screen, you may need to unlock the device.

All screen images in this guide are for your reference only. Actual displays may vary, depending on the software version of your device and any changes to the device's Settings.

NOTE: Instructions in this guide are based on default settings, and may vary from your device, depending on the software version on your device, and any changes to the device's Settings.

Special Text

In this guide, you'll find text that is set apart from the rest. These are intended to point out important information, share quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **NOTE:** Presents alternative options for the current feature or menu.
- **TIP:** Provides quick or innovative methods, or useful shortcuts.
- **IMPORTANT:** Points out important information about the current feature that could affect performance.
- **CAUTION:** Brings to your attention important information to prevent loss of data or functionality, or even damage to your device.

Text Conventions

This guide provides condensed information about how to use your device. To make this possible, the following text conventions are used to represent often-used steps:

- Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures.

For example:

“From the Home screen, tap **Apps**  → **Settings** .

Front

Speaker

Speaker

Front camera



Back

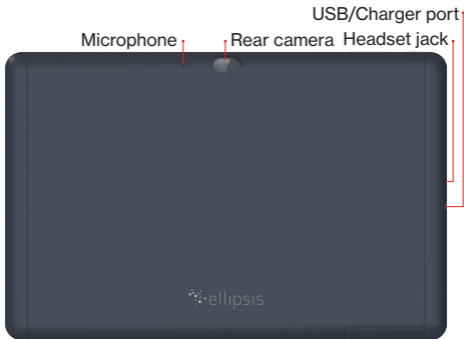
Home

Recent apps

Front Camera: Take pictures and record videos.

Speaker: Emit sound.

Back



Microphone: Record audio.

Rear Camera: Take pictures and record videos.

Headset Jack: Plug in a 3.5mm headset or earphones (not included).

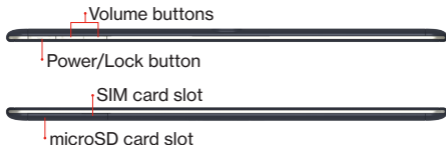
USB/Charger Port: Charge or sync music and files by connecting the provided USB cable.

CAUTION:

- Use only an approved charger to charge your tablet. Improper handling of the charging port, as well as the use of an incompatible charger, may cause damage to your device and void the warranty.

- Your tablet is equipped with an internal rechargeable battery that is non-removable. You should never attempt to open or disassemble this tablet. Doing so may cause damage that voids your warranty.

Sides



Volume Buttons:

- From the Home screen, press to adjust the system volume;
- Press to adjust volume during playback;
- Press to mute an alert notification.

Power/Lock Button:

- Press and hold to turn the device ON/OFF;
- When the device is turned ON, press and hold to access Airplane mode or Restart the device;
- You can also lock the device or to wake the screen for unlocking, press this button.

Nano SIM Card Slot: Contain the 4G LTE SIM card (pre-installed).


NOTE:

- Your tablet comes with the Nano SIM card installed. The Verizon Wireless 4G LTE Nano SIM Card is compatible with any Verizon Wireless 4G LTE certified device that uses the same size nano SIM card. The 4G LTE Nano SIM Card can move from one device to another, and your wireless service will support the services that are compatible with your new device and service plan. To see which devices are compatible with the Verizon Wireless 4G LTE Nano SIM Card, visit verizonwireless.com/bring-your-own-device/.

microSD Card Slot: Install a memory card (sold separately) for storage of songs, pictures, and other data.

Charging Your Tablet

Before turning on your tablet, charge it fully.

1. With the tablet facing up and the  icon on the USB cable facing up, connect the small end of the USB cable to the USB/charger port of your tablet.
2. Connect the other end of the USB cable to the charger.
3. Plug the charger into an electrical outlet.



WARNING: Only use approved chargers with your device. Incompatible chargers or tampering with the charging port could damage your device. Your tablet is equipped with an internal rechargeable battery that is non-removable. You should never attempt to open or disassemble this tablet. Doing so may cause damage that voids your warranty.

Installing a microSD Card

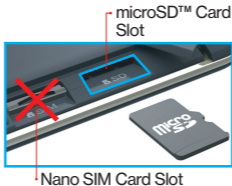
You may want to insert a microSD card for added storage.

To insert a microSD card:

1. With the tablet facing down, open the microSD card slot cover.
2. Insert the microSD card into the slot on the right with the gold contacts facing down, as shown below.



3. Then, gently push the microSD card into the slot until it clicks into place.



NOTE: The microSD card is sold separately.

4. Close the microSD card slot cover.


Turning Your Tablet On/Off

- To turn your tablet on, press and hold the **Power/Lock** button until the screen lights up.
- To turn your tablet off, press and hold the **Power/Lock** button until the tablet options are shown. Tap **Power off**.

NOTE: To Restart your tablet or use Airplane Mode, with the tablet ON, press and hold the **Power/Lock** button until the tablet options are shown. Then make your selection.

Locking/Unlocking the Screen

To turn off your screen and prevent accidental key presses, press the **Power/Lock** button. Your tablet will also lock automatically if you don't use it for a while.

To turn on your screen, press the **Power/Lock** button. Then drag the  lock icon up to unlock it.



Setup Wizard

The first time you turn on your device, the Setup Wizard will take you through the basic configuration steps which will help you to set up your preferred language, activate network connection, and more.

1. Turn on your tablet by pressing and holding the **Power/Lock** button for a couple of seconds until the screen lights up.
2. Follow the prompts to set up your new device:
 - Select the display language
 - Activate tablet
 - Configure the Wi-Fi network connection
 - Set up your email account
 - Create a user account.
 - Set the screen lock
 - Get content you have backed up with Google account
 - Set up additional email accounts

TIP: You can also change these settings later from **Settings** menu.

Setting Up Your Google Account

Your Gmail™, Google™ contacts, and Google calendar events can all be loaded to your tablet automatically.

Follow the onscreen instructions to quickly set up your Gmail account.


Record your Google account information here. Please keep this document in a safe place.

Username: _____@gmail.com

Password: _____

Setting Up Additional Accounts




To add additional accounts, tap **Apps**  →

Settings  → **Accounts** → **Add account**. Tap one of the options and enter your email address, password, and any other necessary information.

- **Cloud** is for registering your Verizon account before using Verizon Cloud.
- **Exchange** is for Exchange server work email accounts.
- **Google** is for adding other Gmail accounts.
- **Personal (IMAP) / Personal (POP3)** is for most personal email accounts. For account details, contact the account provider.

Setting Up Social Networking Accounts

You can use social networking sites, such as Facebook or Twitter over web browser or by downloading the respective app to your tablet. To download and start using the app, do the following:

1. From the Home screen, tap  or tap **Apps**  → **Play Store** .
2. Search and install Facebook or Twitter app.
3. Launch the app.

NOTE: If you already have Facebook or Twitter account, then login to the app with your current user credentials.

4. Do the following:
 - For Facebook, tap **CREATE NEW FACEBOOK ACCOUNT**;
 - For Twitter, tap **Sign up**.
5. Follow the prompts to complete creating the user account and start using the app.

Section 2. Messaging

Types of Messages

Your device supports the following messages types:


- **Email:** Send and receive email using popular email services.
- **Gmail:** Send and receive emails via Gmail, Google's web-based email.
- **Message+:** Send and receive text, picture and video messages seamlessly from your phone, tablet or the web using your Verizon Wireless phone number.



NOTE: Depends on your network and service plan, some of the Messaging service may not be available. For more information, please contact Verizon Wireless service center.

Email



Email allows you to send and receive email using popular email services.

Configuring Email Accounts

1. From the Home screen, tap .
2. Enter your email address and password, and then follow the prompts to set up your email account.

From the Home screen, you can also tap **Apps**  → **Settings**  → **Accounts** → **Add account**, and then select your email provider and follow the onscreen instructions to set up your email account.

Composing Email



1. From the Home screen, tap .
2. Select an account, and then tap .
3. Tap the required fields to enter recipients, a subject, and the email text.

To attach an attachment, tap  → **Attach file**.

4. When done, tap  to send email.


Combined View

The Combined view function allows you to view email from all accounts together.

1. From the Home screen, tap .
2. Tap the Menu  icon on the top left corner, and then choose **Combined view**.



Synchronizing Your Email Account

You can refresh your account to update your device from the servers.

1. From the Home screen, tap .
2. Swipe down to refresh.

Change Email Account Settings


You can use Account settings to change your email account settings.

1. From the Home screen, tap .
2. Tap the Menu  icon on the top left corner, and then choose **Settings**.

NOTE: Depending on the email service provider, the related Email settings may differ.

Gmail

Gmail allows you to send and receive emails via Gmail.

From the Home screen, tap .

For more information about Gmail, visit:

<http://www.google.com/mobile/gmail/>

Message+


Verizon Messages allows you to send and receive text, picture and video messages seamlessly from your phone, tablet or the web using your Verizon Wireless phone number.

From the Home screen, tap **Apps**  → **Message+** .

Section 3. Apps

Managing Applications

The Apps screen holds all applications installed on your tablet. Applications that you download and install from Play Store or from the web are displayed on the Apps screen.

1. From the Home screen, tap **Apps** .
2. From the Apps screen, you can:
 - **Move between screens:** Just swipe your finger up or down to scroll the screen so you can browse all apps on your tablet.



- **Open an app:** Tap its icon to launch the app.


- **Place an app shortcut on the Home screen:**

Tap and hold the app icon, slide your finger, and lift your finger to drop the icon in place on the desired home screen page.

TIP: To remove the shortcut of the app from the Home screen, tap and hold the desired app's icon, then slide your finger toward the top of the screen, and then drop the app over **X Remove**.



NOTE: To browse widgets, tap and hold the screen from the Home screen. Then tap **WIDGETS** at the bottom of the Home screen.

Downloading and Installing New Apps

From the Home screen, tap **Play Store**  to find new apps. Browse the app stores and follow the prompts to download and install apps on your tablet.

Uninstalling Apps

You can remove apps that you have downloaded and installed on your device.

1. From the Home screen, tap **Apps**  → **Settings**  → **Application manager**.
2. Select the app you would like to remove, and tap **UNINSTALL** → **OK**.


- From the Apps screen, tap and hold the app's icon then drag it to **Uninstall**.

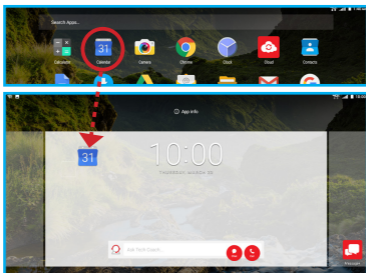
NOTE: Apps that are included with the device can't be uninstalled.

Creating App Shortcuts

You can access some of your favorite applications easily by creating app shortcuts on your Home screen.

To create an app shortcut:

1. From the Home screen, tap **Apps** .
2. From the Apps screen, tap and hold the app's icon then drag it to the Home screen.

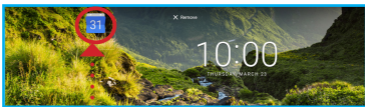


Organizing the App Shortcuts

Once you create many app shortcuts on your Home screen, you can organize the desktop by moving or deleting the existing app shortcuts. You can also create a “folder” to manage these app shortcuts.

Moving the app shortcut

Tap and hold an app shortcut until it displays as movable, and then drag it to the place you want.



Movable mode

You can also move an app shortcut to a different screen.

1. Tap and hold the app shortcut until it displays as movable mode.
2. Then, drag it to the edge of the current screen. Wait a while and the screen will switch to the next Home screen automatically.
3. Drag the app shortcut to the desired position on the new screen and release

Removing the app shortcut

You can free up space for new app shortcuts by removing existing app shortcuts on your Home screen.

To remove an app shortcut:

1. On the Home screen, tap and hold an app shortcut until the **X Remove** appears on top of the screen.
2. Drag the app shortcut to **X Remove** and release.

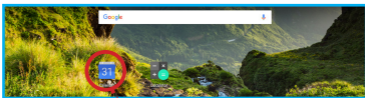


Creating app folder

Once you create many app shortcuts on your Home screen, you can create folders to manage them.

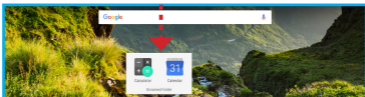
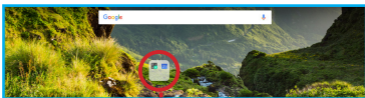
To make a new folder on your Home screen, stack one app on top of another.

1. On the Home screen, tap and drag an app shortcut onto another app shortcut until a white square appears.



2. You can add multiple apps in your folder by repeating step 1.



To open the folder, tap on the folder icon.

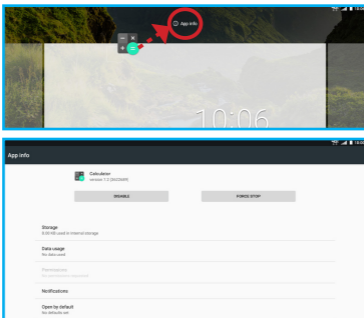


3. From the opened folder, you can:
- Tap an app shortcut to launch an application.
 - Tap **Unnamed Folder** to change the folder name. Then enter the new folder name.

Viewing App Info

While creating a shortcut for the app, you can view the detailed app information.

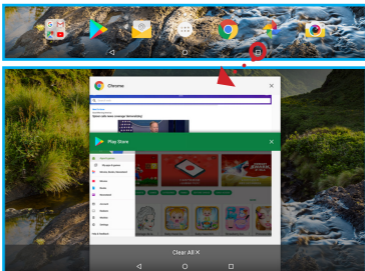
1. From the Home screen, tap **Apps** .
2. While holding an app on the Apps screen, the **App info**  will appear on the top of the Home screen.
3. Drag the app to **App info** to display its detailed information.



Using Recent Apps

The Recent Apps screen displays a list of app shortcuts based from your recently launched apps. You can also use this screen to go back to or switch between the apps you recently launched. To access the Recent Apps screen:

1. From the Home screen, tap the **Recent Apps** icon.
2. The Recent Apps list displays all of your recently launched apps.




3. From the Recent Apps list, you can:
 - Tap on the app you want to launch.
 - Remove an app from the list by swiping it left or right.
 - Clear the list by tapping **Clear All X**.

Using Multi-Window Display

Your tablet supports displaying more than one app at the same time in a split screen: side-by-side or one-above-the-other. This function is called multi-window display.

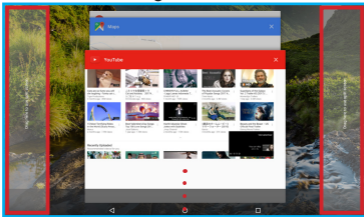
NOTE: Some apps may not support multi-window display.

To view apps in a split screen, do the following:

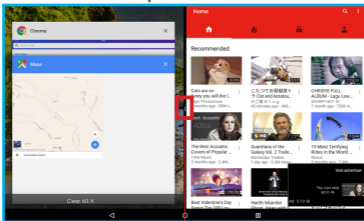
1. Open the apps you wish to place on a split screen.
2. From the Home screen, tap the **Recent Apps** icon .
3. Long tap on one of the apps that you want to appear as a main app on the split screen and drag the app to the left or right side of the screen where is written **Drag here to use split screen**. The main app will appear as a single app on one side of the split screen and all the other opened apps will appear on the other side of the split screen.

NOTE: The **Recent apps** icon changes from  to .

Single Screen



Split Screen




Window separation line


4. Do any of the following:



- **Adjust the window size:** To enlarge the app on the left side, tap and drag the window separation line to the right side. To enlarge

the app on the right side, tap and drag the window separation line to the left side.

- **Close apps on a split screen:** Tap the **Recent apps** icon  and swipe the apps you wish to close to the left or to the right side of the screen. If you wish to clear the app list, tap **Clear All X**.

NOTE: To close the main app, you need to switch back to the single screen display.

- **Switch back to the single screen display:** Drag the window separation icon all the way to the left side of the screen or to the right side of the screen or long press the **Recent apps** icon .

NOTE: The **Recent apps** icon changes from  back to .

Included Applications

From the Home screen, tap Apps to display the included apps. Simply tap the desired icon to launch the application.

Calculator

Launch Calculator and then you can use your device to perform mathematical calculations.

Calendar

Your device's Calendar allows you to record events and appointments to manage your schedule. You can also use the Calendar widget in the WIDGETS tab.

Camera

Camera lets you take pictures and record video with your device.

For more information, refer to the “Using Camera” section.

IMPORTANT:

- Do not take videos of people without their permission.
- Do not take videos in places where cameras are not allowed.
- Do not take videos in places where you may interfere with another person's privacy.

Chrome

Google Chrome is a web browser that lets you surf the Internet easily.

For more information about Google Chrome, visit:
<http://support.google.com/chrome>

Clock

Tap Clock to display the current date and time on the screen.

The Clock also provides you with the alarm, timer, and stopwatch functions.

Cloud

Verizon Cloud allows you to back up your contacts, photos, videos, music, documents, text, and media messages to secure cloud storage.

Contacts

Contacts allows you to create new contacts and manage your contacts.

Docs

Docs allows you to create, view, and edit your documents as well as share them with others. All modifications to the documents are saved automatically as you type.

Downloads

Files, apps, and other items that you have downloaded from the Web, Gmail, Email, or in other ways, are stored in your device's internal storage. Use Downloads to view, reopen, or delete what you have downloaded.

Drive

Drive allows you to back up your videos, photos, and documents to Google Drive.

Email

Email lets you send and receive email using popular email services.

For more information, refer to the “Email” section.

File Manager

File Manager allows you to manage your files and applications.

Gmail

Gmail lets you send and receive emails via Gmail, Google's web-based email.

Google

Google allows you to search the web, applications, contacts, and music stored on your device.

Hangouts

The instant messaging and video chat platform lets you reach friends easily.


Help

You can get information about using your device, including videos, useful tips, and other information.

Maps

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

For more information, refer to the “Using Maps” section.

NOTE: You must enable location services to use Maps and some features require Standalone or Google location services. To enable location services, go to **Settings** → **Location** and set the switch to **On** .

Message+

You can use Verizon Messages to send and receive text, picture, and video messages seamlessly from your phone, tablet or the web using your Verizon Wireless phone number.

My Verizon

My Verizon allows you to access self-serve functionality for managing your wireless account directly from your device.

NOTE: You can use My Verizon free of charge. You will not incur any airtime or megabyte charges when you use My Verizon in the national Enhanced Service Area.

Google Photos

Google Photos allows you to manage your Google+ photos, albums, and videos.

Play Movies & TV

Play Movies & TV allows you to watch movies and TV shows purchased or rented from Google Play. Watch your favorite movies and shows instantly on your Android phone or tablet, or on any HDTV using Chromecast. You can also download and watch from anywhere, even when you're not connected.

Play Music

Play Music lets you shop for millions of songs from your favorite artists, including hundreds of free tracks from the biggest names in Rock, Pop, Hip-Hop, and more.

Play Newsstand

Play Newsstand enables you to subscribe to the news and magazines you are interested in reading and build your very own newsroom on your device.

Play Store

Google Play Store can provide you with all your favorite books, movies, apps, and games all in one place that's accessible from the Web and your device.

For more information, refer to the “Using Play Store” section.

NOTE: You need a Google account set up on your device to download apps and music.

Settings

Use Settings to customize your device.

For more information, refer to the “Settings” section.

Sheets

Sheets allows you to create, view, and edit your spreadsheets as well as share them with others. All modifications to the spreadsheets are saved automatically as you type.

Slides

Slides allows you to create, view, and edit your presentations as well as share them with others. All modifications to the presentation are saved automatically as you type.

Tech Coach

Tech Coach helps you from initial set-up and troubleshooting, to discovering new apps, features and capabilities. Tech Coach agents help to optimize your new device for your mobile lifestyle. For more information, refer to the “Tech Coach for Ellipsis 10 HD Customers” section.

Voice Search

Voice Search allows you to search the web and access your device just by speaking.

YouTube

YouTube lets you view and upload YouTube videos from your device.


Tech Coach for Ellipsis 10 HD Customers

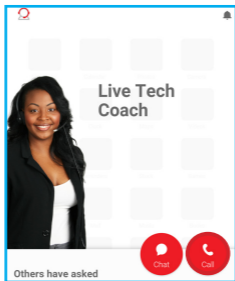
- Customers who purchase an Ellipsis 10 HD device and maintain an active Verizon tablet data plan will receive 2 years of unlimited, direct access



to the Verizon Tech Coach service right from the tablet's home screen.

- The Tech Coach service is powered by highly skilled, U.S.-based technicians who are standing by to provide comprehensive, premium technical support for the Ellipsis 10 HD device and any app, service, or smart accessory it connects with.
- From initial device set-up and troubleshooting, to discovering new apps, features and capabilities, Tech Coaches help you optimize your new device for your mobile lifestyle right from the comfort of your home!
- Here are some specific examples on how the Tech Coach service can help you unlock the full potential of your new Ellipsis 10 HD device*:
 - Transferring content to your new device.
 - Setting up and syncing email accounts.
 - Setting up and managing social networks, such as Facebook or Twitter on your new device.
 - Managing photos, videos, and device storage.
 - Setting up your new device to download and read electronic books, magazines and newspapers.
 - Connecting to compatible Wi-Fi and Bluetooth devices, such as wireless speakers.

- Printing wirelessly from your device to a compatible printer in your home or office.
- Streaming media from your device to a compatible smart TV.
- Getting the devices and accessories in your home to work together.
- Proactive notifications and Tech Coach content – delivered right to your Ellipsis 10 HD device – based on topics that are relevant to you.
- Tech Coaches are able to remotely connect to your Ellipsis 10 HD – and even remotely draw on your screen – to explain features and capabilities of your device.
- Tech Coaches can solve most issues in just one session. However, if the Tech Coach agent does not have the answer right away, they'll call you back within 24 hours with a solution.
- For quick access to Tech Coach right from your Ellipsis 10 HD tablet, simply:
 - Tap the Ask Tech Coach widget on your tablet's home screen and tap Call  or Chat , or

- From any screen, pull down from the top of your device to expose the **Quick Settings** panel, tap the **Ask Tech Coach**  icon, and choose **Call** or **Chat**.




Tap **Call**  to make a call and follow the instructions given the automated voice system. To end the call, simply tap .

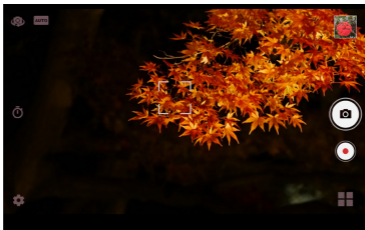
NOTE: *Third-party items, such as wireless speakers, wireless printers, and smart TVs are sold separately.

Using Camera


The Camera app allows you to take pictures and record videos using your device.


Taking Pictures


Tap **Camera**  and the image from the camera lens will be displayed on the screen.



To take a picture:

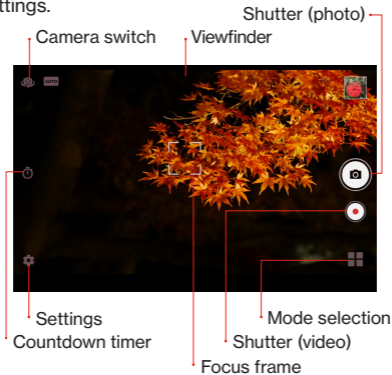
- While using Camera, hold the device in either landscape or portrait orientation.
- You can use the screen display as a viewfinder. To compose your picture, aim the camera at the subject.
- Use the onscreen menu icons or tap  to set up the camera, including changing image settings, selecting the banding filter, and more.



- Pinch the screen to zoom in/out on the subject.
- Tap  to take the picture.

NOTE: To use the camera directly from the locked screen, tap  and swipe the screen upwards to enter Camera mode.

Onscreen Controls


On the camera screen, the onscreen controls allow you to take the picture and change the camera settings.

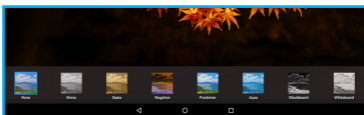


- **Shutter:** Tap  to take a picture or tap  to record a video.

- **Mode:** Tap to switch between Automatic mode, HDR (High Dynamic Range) mode, Smile mode, Panorama mode, and Color effect mode.

NOTE:

- In Automatic mode, the images are captured with the camera's default settings.
- In HDR mode, the camera captures multiple pictures at a variety of different exposures quickly and then combines those pictures together for better color and brightness balance. As a result, the camera saves the original photo along with the HDR photo.
- In Smile mode, the picture is automatically captured when the camera detects a smiling face.
- In Color effect mode, tap  and select a filter to apply to the captured image.



- The currently selected mode icon will be displayed on the screen.



In the following example, the active mode is Automatic.



- **Settings:** Tap to change the camera settings.

- **Camera switch:** Switch between front and rear camera.




Taking a Selfie

1. From the Home screen, tap **Camera** .
2. Tap  to switch to the front camera.

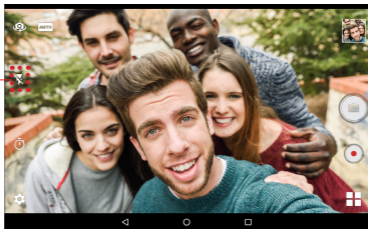


3. Tap  to take the shot.

NOTE:

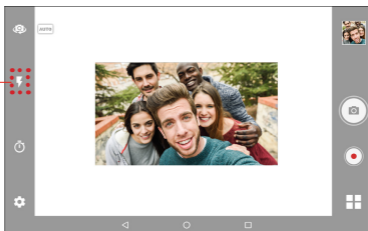
- In Selfie mode, you can use the **Volume** buttons to take your photos too.
- To use the selfie camera function directly from the locked screen, tap  and swipe the screen upwards to enter Selfie mode.
- You can also take a selfie with or without the flash. Tap  to turn on the flash. To turn off the flash, simply tap .

Flash
(off)



Selfie without Flash

Flash
(on)



Selfie with Flash

Quick Selfie Modes







Quick Selfie Modes allows you to open the camera in preset selfie mode with flash on or off, self timer on (3 seconds by default) and HDR mode on.

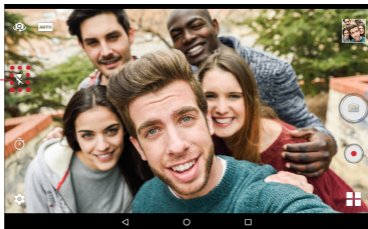
NOTE:

- Each quick selfie mode will open the Camera app automatically.
- The Selfie settings can be configured in Camera view.

To use the Quick Selfie Modes:

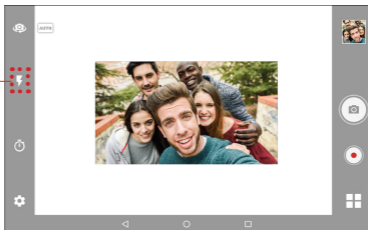
1. Add the Quick Selfie Modes widget to the Home screen for quick access. Refer to “Adding a Widget to the Home Screen”.
2. On the Home screen, swipe to the right.
3. Tap your preferred preset selfie mode:
 -  Flash off
 -  Flash on
 -  Self-timer on
 -  HDR mode

Flash
(off)



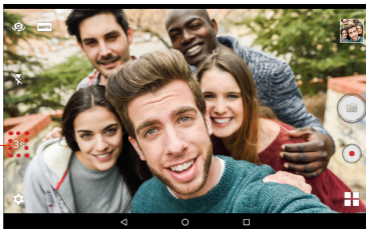
Selfie without Flash

Flash
(on)



Selfie with Flash

Self-Timer
(3 sec.)




Selfie with Self-Timer

HDR Mode
(on)

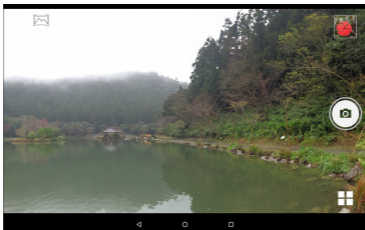


Selfie in HDR Mode

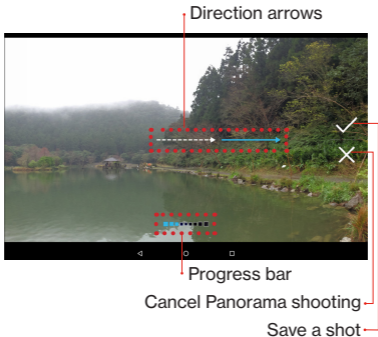
4. Use one of the following methods to take the shot:
- Tap 
 - Press **Volume down** or **Volume up** button on the top left side of the tablet.

Taking Panorama Shots

1. From the Home screen, tap **Camera** 📷.
2. Tap 📐 and select Panorama 📷 to switch to Panorama mode.



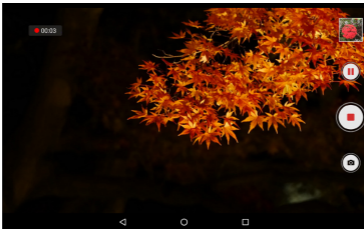
3. Tap 📷 to start taking the shot.
4. Move the device slowly towards the desired shooting direction and try to match the white dashed arrow with the blue solid arrow. When the arrows match, the device will take a shot automatically.



5. After the device has taken a shot, do one of the following:
 - Continue panorama shooting by matching the next white dashed arrow with the blue solid arrow. Then continue with step 6.
 - Tap ✓ to save the shot and stop the panorama shooting.
 - Tap ✗ to cancel the panorama shooting.
6. When the shooting progress bar reaches the end of the shooting point, the shooting ends.

Recording Videos

1. From the Home screen, tap **Camera** 📷.
2. Tap ⏺ to start recording.

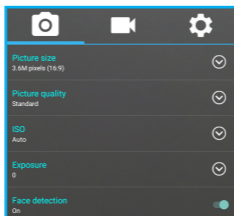


3. While recording, do one of the following:
 - Pinch the screen to zoom in/out on the subject.
 - Tap 📷 to take a photo.
 - Tap ⏸ to pause the recording. Tap ⏹ to resume.
4. Tap ⏺ to stop recording.

Configure the Camera Settings

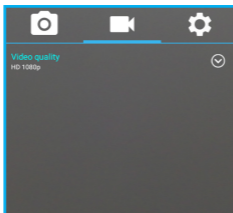
Tap ⚙ to enter the Settings menu. Tap the desired menu option icon to change the respective setting.

Camera Mode



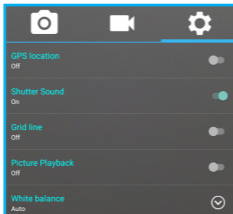
Menu Option	Description
<i>Settings menu options</i>	
Picture size	Set the picture size.
Picture quality	Set the image quality.
ISO	Select the desired ISO sensitivity level.
Exposure	Adjust the proper exposure level to fix the overall brightness of the image.
Face Detection	Set to On to turn on face detection.
<i>Onscreen menu option</i>	
Countdown timer	Set the countdown timer setting.

Video Mode



Menu Option	Description
Video quality	Set the recording quality.

General Settings



Menu Option	Description
GPS location	Set to ON to include the location of the captured picture or recorded video.

Menu Option	Description
Shutter Sound	Set to ON to turn on the shutter sounds.
Grid line	Set to ON to show grid lines to help you align your photos.
Picture Playback	Set to ON to allow user to see picture right after taking it.
White Balance	<p>Set the white balance setting. Available options:</p> <ul style="list-style-type: none"> • Auto: Set this option to let the camera set the white balance automatically. • Incandescent: Set this option to take the picture or record the video under incandescent lighting. • Daylight: Set this option to take the picture or record the video under strong sunlight. • Fluorescent: Set this option to take the picture or record the video under fluorescent light. • Cloudy: Set this option to take the picture or record the video in a heavy overcast or rainy day. • Twilight: Set this option to take the picture or record the video in a twilight. • Shade: Set this option to take the picture or record the video in a shade. • Warm Fluorescent: Set this option to take the picture or record the video under warm fluorescent light.



Menu Option	Description
Anti-flicker	Set the anti-flicker. Anti-flicker helps in reducing or eliminating flickers in a photo or a video.
Storage	Choose where to save your photos and videos.
Reset Settings	Reset all settings to the default values.

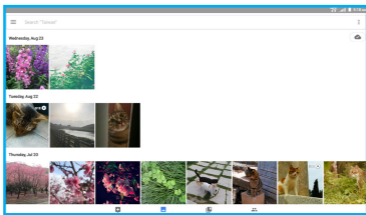
Using Google Photos

If Picture Playback is turned on, the last captured picture appears right after taking a picture. You can also review pictures and videos in the Google Photos gallery.

In Google Photos, you can modify or share the picture or video, create a collage of pictures, and more.

To open Google Photos:

1. From the Home screen, tap **Google Photos** .
2. Tap  and sign in to your Google account to personalize the gallery.





Google Photos' Tabs

The images in Google Photos are organized by the individual photos under **Photos** tab or by albums under **Albums** tab.



NOTE: Tap the **Assistant** tab to get help on using Google Photos.


1. Tap any of the following under **Photos** or **Albums** tabs:
 - ☰ to view shared items, access device folders, view deleted images, modify your Google account settings, and more.
 - **Search your photos** to search for an image by its name.

-  to access more options:
 - **Select...** to select images for sharing, adding to different albums, creating a movie, animation, collage, or deletion. (Under **Photos** tab only)
 - **Layout** to change the layout of the displayed images. (Under **Photos** tab only)
 - **Create New** to create a new album, shared album, movie, animation, or collage.
2. Tap **Sharing** tab to view and share your photos/videos with others.
 - a) Tap **Start a new share** .
 - b) Select the photos/videos you wish to share.
 - c) Tap **NEXT**.
 - d) Add the recipients, give a name to the shared album, and type a message for the recipients.
 - e) Tap **SEND** to send the link of the shared album to the recipients.


Editing Images

1. Select the desired image in Google Photos gallery.


2. Do any of the following:

- While viewing a picture, you can “pinch” the screen to zoom in or out, or double-tap to zoom all the way in or out. When zoomed in, tap and drag your finger on the screen to move the picture around on the screen.
- Tap  to upload the image or video to Google Photos library.


NOTE: To upload images and videos, make sure your device is connected to the Internet.


- Tap  to access the menu options:

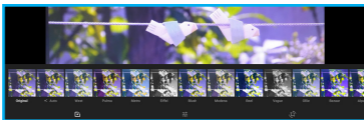
Menu Option	Description
Slideshow	View a slideshow of all recorded files.
Loop video (for video only)	Check to allow continuous video playback.
Add to album	Select to create an album or to add a photo or video to an existing album.
Use as (for picture only)	Assign the picture as a <i>Contact photo</i> or <i>Wallpaper</i> .
Print (for picture only)	Print the picture or save the picture as PDF.
Delete device copy	Delete the picture or video from the device memory only.
Archive	Archive the picture or video.



- To share the picture or video, tap  then select a contact or an application for sharing.

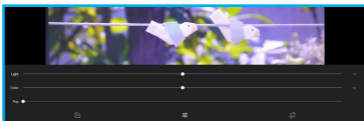





- Tap  (Photo Editor) to display the tools, allowing you to edit or apply an effect to the picture.


NOTE: While modifying settings, tap  to access *Help & feedback*.



- Tap  to adjust image color tone. After the adjustments are done, tap **SAVE** to save the modifications or tap  to discard the modifications.






- Tap  to configure image settings, such as **Light**, **Color**, and **Pop**. Tap  more options. After the adjustments are done, tap **SAVE** to save the modifications or tap  to discard the modifications.




NOTE: While modifying settings, tap  to access *Undo edits* or *Save copy* in addition to *Help & feedback*.



 Angle adjustment bar

- Tap  to configure image display parameters. Tap **AUTO** to adjust the image automatically, tap  to set the image display mode, slide the angle adjustment bar to rotate the image manually 15 degrees clockwise or counterclockwise or tap  to rotate the image 90 degrees counterclockwise. Touch and drag the edges of the image to crop the image.

After the adjustments are done, tap **DONE** to save the modifications or tap **RESET** to discard the modifications.



- Tap  (Video Editor) to stabilize or rotate the video.
- Tap  to view picture/video details and add a description.
- Tap  to delete the picture/video.

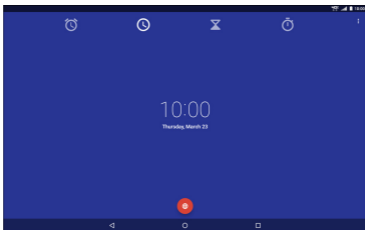
Using the Clock

The Clock app displays the current time, can be used to set alarm(s), and more.

Opening the Clock

Do one of the following to open the Clock:

- Tap the clock area on the Home screen; or
- From the Home screen, tap **Apps**  → **Clock** .






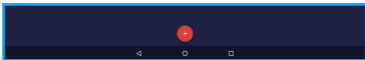
You can also add the Analog Clock widget to your tablet's Home screen. Tap the analog clock icon to open the Clock app.




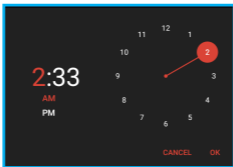
Setting an Alarm


To set an alarm, do the following:

1. From the Home screen, tap **Apps**  → **Clock** .
2. Tap the Alarm Clock icon  on the top of the screen.







3. Tap the Add icon  to add a new alarm.
4. To set the time, slide the pointer, and tap **OK**.

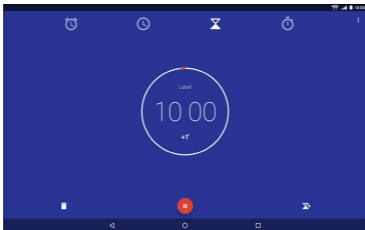


5. To have the alarm repeat, select **Repeat** and choose the desired days.
6. To set the ringtone, tap the Ringtone icon , and select the alarm sound. Then tap **OK** to confirm.
7. To enter an alarm label, tap **Label**. Enter the name and tap **OK**.

NOTE: By default, the alarm is automatically set to ON.

Setting the Countdown Timer




1. From the Home screen, tap **Apps**  → **Clock** .
2. Tap the Timer icon  on the top of the screen.
3. Enter the time you want, and then tap .



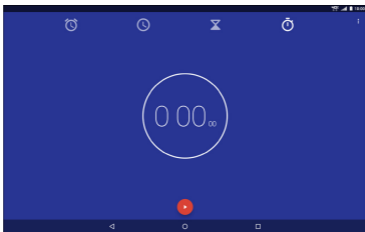
4. When the timer is running, you can add an additional minute, pause the timer, or delete the current timer.





NOTE: The timer beeps when the time is up.

Using the Stopwatch

1. From the Home screen, tap **Apps**  → **Clock** .
2. Tap the Stopwatch icon  on the top of the screen.

3. Tap  to start the stopwatch.






- To record a lap while the watch is running, tap the  icon. It displays the first lap time. Repeat this step to record a new lap.
4. If you want to pause the stopwatch, tap .
- To reset the stopwatch, tap the .
5. To share your results, tap the Share icon .

Using Play Store

The Google Play Store lets you access lots of fun games and apps using your Google account.

NOTE: You can only access Play Store by signing in to your Google account.

Accessing the Google Play Store





1. From the Home screen, tap  or **Apps**  → **Play Store** .
2. Sign in with your Google account.
 - If you already have a Google account, enter your email address and password.
 - If you do not have an account, tap **Or create a new account** and follow the onscreen instructions to create an account.
3. After signing in, you can start downloading from Play Store.

NOTE: Some apps are free and some might charge you through a credit card. Before you can download a paid application, you must set up a billing arrangement.

Using Maps

You can use Google Maps to view and find places, establishments and get directions. You can also check your current location and share the information with others.

Accessing Google Maps

1. From the Home screen, tap  → **Maps**  or **Apps**  → **Maps** .
2. You can use the tool bar on top left of the screen to customize your search.

Widgets

Widgets are mini apps that allow you to conveniently access useful and fun applications on your tablet's Home screen. Different from the application shortcuts, widgets are self-contained applications that can be added to the Home screen. Widgets can be placed on any of your Home screens.

Adding a Widget to the Home Screen

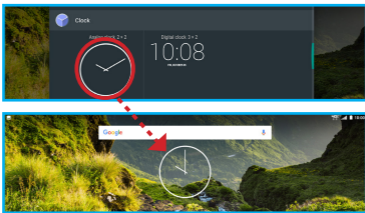
1. From the Home screen, tap and hold the screen.



2. Tap **WIDGETS**.

You can swipe your finger up or down to browse more widgets.

3. Tap and hold the selected widget, then drag it to the Home screen.



NOTE: You may be prompted to perform additional tasks such as permission, registration, or activation before you can use a selected widget.

If there is not enough space on the screen where you placed the widget, the widget will not be added to the screen.

Removing a Widget from the Home Screen

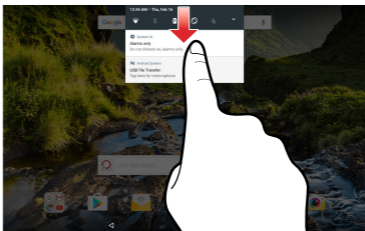
1. From the Home screen, tap and hold the widget until **X Remove** appears on top of the screen.
2. Drag the widget to **X Remove** and release.

Notification Panel

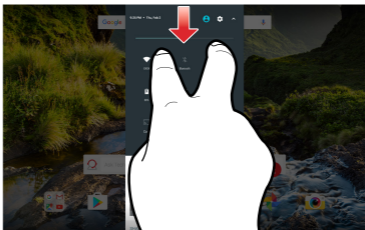
The notification panel displays the battery status, date/time, network signal, and notifications. It also provides shortcuts to different device settings.

Opening the notification panel

- Tap and slide the status bar downwards.



Opening the panel using 1 finger



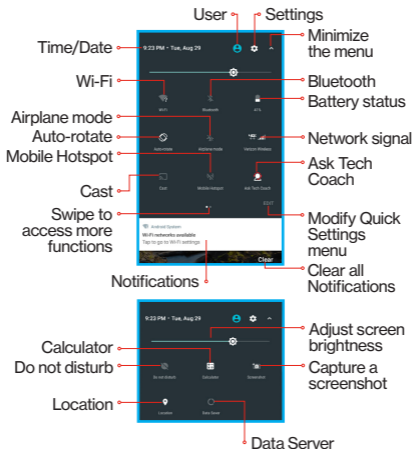
Opening the panel using 2 fingers

- Tap a notification to open the related application.
- To directly close a notification (without viewing), simply tap and hold the notification and drag it to the left/right of the screen.

- Tap **Clear** to clear all notifications.

Quick Settings menu

Tap the desired icon to enable/disable the function or access the respective setting/application.



Closing the notification panel

Slide the bottom of the panel upwards to close the notification panel.

Section 4. Connections





You can use your device to connect to the Internet and to other devices. This section lets you learn how to use connection features of the device, including Wi-Fi, VPN, Bluetooth, and more.

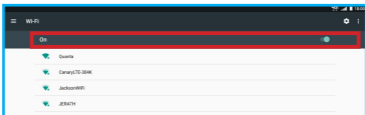
Wi-Fi

Wi-Fi is a term used for certain types of wireless local area networks, which lets you access the Internet through a wireless connection. To use Wi-Fi on your device, you need access to a wireless access point (or other Wi-Fi Direct devices). The coverage of the Wi-Fi signal can be up to 300 feet (100 meters). However, it varies greatly due to the type of infrastructure, and other objects through which the signal passes.

TIP: Wi-Fi networks, or Access Points (WAPs) can be Open (unsecured), or Secured (requiring you to provide login credentials).






Turning Wi-Fi On and Connecting to Wi-Fi

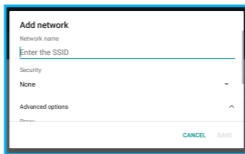
1. From the Home screen, tap **Apps**  → **Settings**  → **Wi-Fi**.
2. Tap the Wi-Fi switch from **Off**  to **On** .



3. When you turn Wi-Fi service on, the device will automatically scan for available wireless networks.
4. From the list of the available wireless networks, choose a Wi-Fi to connect to.
 - If you choose an Open network, you will be automatically connected to the network.
 - If you choose a Secured network, enter the password and then tap **CONNECT**.
5. When your device is connected to a wireless network, the Wi-Fi icon 📶 will appear in the status bar indicating the signal strength (number of bands that light up).
6. The next time your device connects to a previously accessed secured wireless network, you will not be prompted to enter the password again, unless you reset your device to its factory default settings.

Connecting to Hidden Wi-Fi Networks


1. From the Home screen, tap **Apps**  → **Settings**  → **Wi-Fi**.
2. Tap the Wi-Fi switch from **Off**  to **On** .
3. Tap **Add network**  in the end of the list of available Wi-Fi networks to manually add the network.
4. Enter the necessary information. Available settings depend on the selected security type.



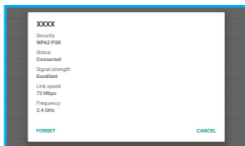
5. Tap **SAVE** to apply the settings.

Checking Connection Status

You can check the current wireless connection status from one of the following:

- When your device is connected to a wireless network, the Wi-Fi icon  will appear in the status bar, showing the signal strength (number of bands that light up).

- Tap the wireless network that the device is currently connected to.








TIP: If you want to remove the wireless network settings on your device, tap **FORGET** on this pop-up window. You need to complete the required settings again to connect to this wireless network.

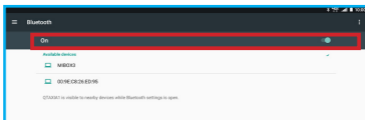
Bluetooth

Bluetooth is a short-range wireless communications technology that allows Bluetooth-enabled devices to exchange information over a distance of about 30 feet (10 meters) without requiring a physical connection.

Turning Bluetooth On

1. From the Home screen, tap **Apps**  → **Settings**  → **Bluetooth**.
2. Tap the Bluetooth switch from **Off**  to **On** .

3. When the Bluetooth function is enabled, the Bluetooth icon  appears in the status bar.



Bluetooth Mode

Bluetooth on your device operates in two different modes:

- **On:** Bluetooth is turned on, and all other Bluetooth-enabled devices can detect your device.
- **Off (default):** Bluetooth is turned off. Other devices cannot detect or communicate with your tablet using Bluetooth.

Bluetooth Profiles

Bluetooth profiles are specifications for services supported by individual devices. Profiles improve the ability of different devices to work together.

Your device supports these Bluetooth profiles:

- **Serial Port:** SPP allows a remote Bluetooth device to act as a virtual serial port.
- **Stereo/Audio/Video:** A2DP, AVRCP, GAVDP,





AVCTP, and AVDTP support delivery of stereo audio to compatible Bluetooth devices.

- **Object Exchange:** OPP allows sending and receiving of contact name cards (vCard 2.1), calendar events (vCalendar), and other non-DRM items between devices.
- **Human Interface Devices:** HID supports certain interface devices, example: Keyboard, Mouse.
- **Personal Area Network:** PAN profile supports connections between multiple Bluetooth devices.

Pairing Bluetooth Devices

Before you can send/receive data using Bluetooth, you need to establish trusted connections between your device and the other Bluetooth devices.

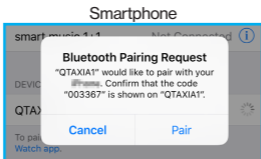
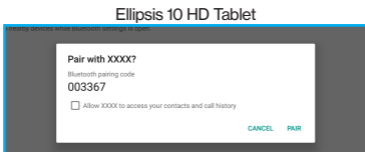
Follow the steps to pair your device with another Bluetooth device:

1. From the Home screen, tap **Apps**  → **Settings**  → **Bluetooth**.
2. Tap the Bluetooth switch from **Off**  to **On** .
The tablet will automatically scan for nearby Bluetooth devices.
3. Tap the name of the device you want to pair with your tablet.

4. Confirm the pairing code and tap **PAIR**.

NOTE: Depending on the type of device you are pairing with, you will be asked to enter a passkey, confirm matching passkeys, or the device will automatically pair.






For example, the following messages pop-up when pairing your tablet with a smartphone:

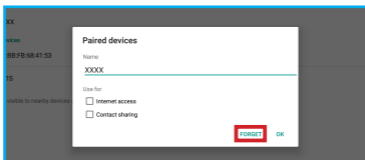


Unpairing the Bluetooth Devices





Unpairing a device from the Bluetooth devices list removes its connection record. You will need to complete all the settings of pairing again to re-connect the devices.


Follow the steps to unpair your device with another Bluetooth device:

1. From the Home screen, tap **Apps**  → **Settings**  → **Bluetooth**.
2. Tap the Bluetooth switch from **Off**  to **On** .
3. From the Bluetooth settings screen, tap the  icon next to the name of the paired device in the Bluetooth devices section to open the pop-up menu.
4. Tap **FORGET**.



Bluetooth Settings

1. From the Home screen, tap **Apps**  → **Settings**  → **Bluetooth**.
2. Tap the Bluetooth switch from **Off**  to **On** .



3. Tap  to display the settings menu, including:
 - **Refresh:** Tap this option to scan again for nearby Bluetooth enabled devices.
 - **Rename this device:** Tap this option to display your device default name. You can change the device name.
 - **Show received files:** This option displays a list of files transferred to your tablet from other devices via Bluetooth.




Wi-Fi Direct

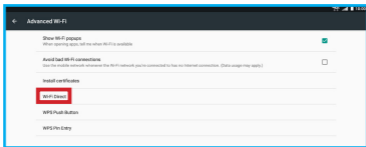
Your device features Wi-Fi Direct, which is a standard that allows you to connect to other devices directly via Wi-Fi, without a Wi-Fi network or hotspot, and without having to set up the connection.

This type of connection is commonly called peer-to-peer. For example, your device can use Wi-Fi Direct to share photos, contacts and other content with other Wi-Fi Direct devices.

Turning Wi-Fi Direct On or Off

1. From the Home screen, tap **Apps**  → **Settings**  → **WiFi**.

2. Tap the Wi-Fi switch from **Off**  to **On** . Then tap the  to display settings menu.
3. Tap **Advanced** → **Wi-Fi Direct**.

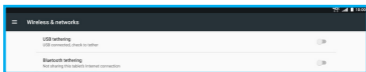


Connecting to Wi-Fi Direct Devices

1. Enable Wi-Fi Direct on your tablet.
2. Enable Wi-Fi Direct on the other device(s). Consult the other device's documentation for more information.
3. In the scanned list, tap a device to connect with it, or tap Multi-connect to connect to multiple devices (not all devices support multi-connect).
4. Follow the prompts on both devices to complete the connection.





Tethering

Your device features Tethering allowing you to share your device mobile data network connection with other devices via USB or Bluetooth.



USB Tethering





You can use USB tethering to share your tablet's network connection with another device that connects to your tablet via USB cable.

1. From the Home screen, tap **Apps**  → **Settings**  → **More**.
2. Connect the other device to your tablet via USB cable.
3. On the USB tethering option, tap the USB tethering switch from Off  to On  to enable this function.

NOTE: USB tethering and Wi-Fi cannot be on at the same time.

Bluetooth Tethering

Share your device network connection with another device that connects to your device via Bluetooth. Before starting, pair your computer with your tablet, then configure your computer to obtain its network connection via Bluetooth.

1. From the Home screen, tap **Apps**  → **Settings**  → **More**.
2. On the Bluetooth tethering option, tap the Bluetooth tethering switch from **Off**  to **On**  to enable this function.

NOTE: Tethering consumes battery power and increases your data usage. Roaming while using tethering will incur extra data charges.

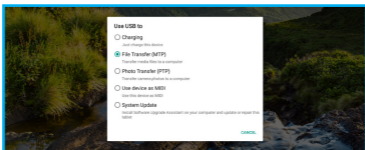
Connecting to a Computer

You can connect your tablet to a Windows computer through a USB cable. When connected, you can transfer music, pictures, and other files between the computer and your tablet.

When you connect your tablet to the USB port on your computer, its USB storage is mounted as a drive and appears on your computer screen. You can copy files back and forth as you would use any other external device.

NOTE: Make sure the USB tethering is turned off before using USB to transfer files between your tablet and computer.

1. Connect your tablet to the computer with a USB cable. Your tablet recognizes the connection as the last connection method you used, and displays a connection alert in the status bar.
2. Tap and slide the status bar downwards, then tap the USB connection notification.
3. Select a connection method:



- **Charging:** Charge the device only.
- **File Transfer (MTP):** Transfer media files with Windows, or using Android file transfer on a Mac (see www.android.com/filetransfer).
- **Photo Transfer (PTP):** Transfer photos using camera software, and transfer files to computers that do not support MTP.


- **Use device as MIDI:** Use tablet for (Musical Instrument Digital Interface) MIDI input.
 - **System Update:** Install Software Upgrade Assistant on your computer and update or repair this tablet.
4. Transfer files to the tablet. When finished, you can disconnect the USB cable.

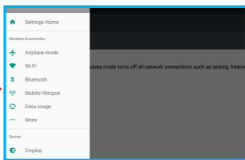
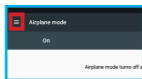
NOTE: When you connect your tablet to a computer via USB cable, the data connection takes precedence over charging, and the tablet will only charge when it is turned off.

Section 5. Settings

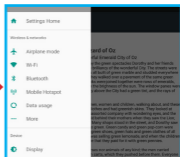
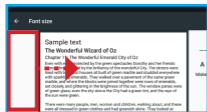
Enhanced Settings Menu Features

Settings Home Menu

A compact view of the Settings menu that appears in all Settings submenus under the icon  or by swiping to the right on the screen in some submenus. Use this feature to quickly switch from one submenu to another without the need to return to the Settings page.

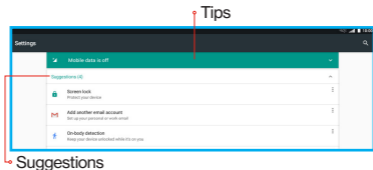



or



Tips and Suggestions

Tips and Suggestions show up on top of the Settings menu. Tips (appear on green background) remind you the modifications you have done to the system settings and that you may want to review. Suggestions advise you items that you may want to configure.



NOTE: To remove items from the Suggestions, tap  → **Remove** next to the undesired item. To remove Tips, swipe the Tip to the left or right.

More Wireless and Network Settings

This section teaches you how to control your tablet's wireless connections.

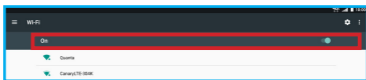
Wi-Fi

Set up and manage Wireless Access Points (WAPs). Your tablet supports Wi-Fi 802.11 a/b/g/n/ac.

Turning Wi-Fi On or Off

From the Home screen, tap **Apps**  → **Settings**  → **Wi-Fi** and then tap the Wi-Fi switch from **Off**  to **On** .

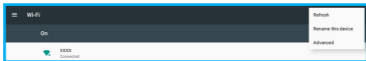
When you enable this function, your device automatically searches for available, in-range Wi-Fi networks.







Wi-Fi settings

You can set up and manage connections to Wi-Fi networks. This device complies 802.11 a/b/g/n/ac wireless standard that supports both 2.4Ghz and 5Ghz bands.




From the Home screen, tap **Apps**  → **Settings**  → **Wi-Fi** to display the Wi-Fi list, and then you can:

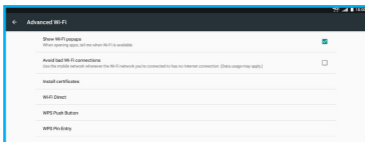


- Refresh the list by tapping  → **Refresh**.
- Tap  for more settings, including: **Rename this device**, and **Advanced**.

- Add a Wi-Fi network manually by tapping **Add network**  in the end of the list of available Wi-Fi networks. You need to complete the required settings in the **Network name** and **Security** fields. For other related information, please contact your network administrator.
- Tap  for more settings, including: **Saved networks**, **Wi-Fi notification**, **Keep Wi-Fi on when screen is off**, and view **MAC address** and **IPv6 address**.

Advanced Wi-Fi settings




From the Home screen, tap **Apps**  → **Settings**  → **Wi-Fi** →  → **Advanced** to display the advanced settings screen for the following options:

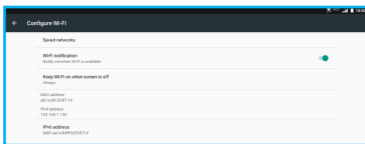


- **Show Wi-Fi popups:** Check if you want to see a popup message about Wi-Fi availability while opening apps.

- **Avoid bad Wi-Fi connections:** Enable this option to use the mobile network whenever the Wi-Fi network you are connected to has no Internet connection.
- **Install certificates:** This option allows you to install certificates (for Wi-Fi authentication) stored in Drive, Download folder, or the internal storage.
- **Wi-Fi Direct:** This option allows you to share photos, contacts, and other content with other Wi-Fi Direct devices.
- **WPS Push Button:** This option allows you to initiate a connection just by pushing a button.
- **WPS Pin Entry:** This option allows you to initiate a connection just by entering the PIN.

Configure Wi-Fi

From the Home screen, tap **Apps**  → **Settings**  → **Wi-Fi** →  to display Wi-Fi configuration options:







- **Saved networks:** View the list of saved Wi-Fi networks.
- **Wi-Fi notification:** Turn this on and the Wi-Fi icon will appear in the status bar whenever the device detects an available wireless network within range.
- **Keep Wi-Fi on when screen is off:** You can specify whether to automatically turn off Wi-Fi when the backlight goes out and the tablet locks. This option can affect the behavior of devices you connect to your tablet, such as when tethering or using your tablet as a mobile hotspot.
- **MAC address:** This option displays your device unique identifier, used when connecting to Wi-Fi, or when other devices connect to your tablet via Wi-Fi (not configurable).
- **IPv4 address/IPv6 address:** This option displays your device IP (Internet Protocol) address (not configurable) for IPv4 and IPv6.

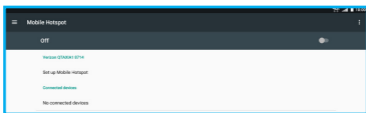
Mobile Hotspot

You can use Mobile Hotspot to share your tablet's mobile data network connection with a PC or other device via Wi-Fi.

Turning Mobile Hotspot On or Off



1. From the Home screen, tap **Apps**  → **Settings**  → **Mobile Hotspot**.
2. On the Mobile Hotspot option, tap the mobile hotspot switch from **Off**  to **On** . A confirmation message appears on the screen, tap **OK** to enable this function.

NOTE: Mobile Hotspot and Wi-Fi cannot be turned on at the same time.

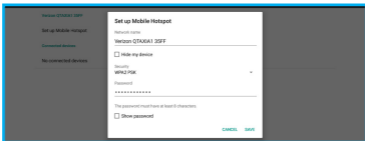


NOTE: Please note that using your tablet as a mobile hotspot consumes battery power and increases your data usage. Roaming while using your device as a mobile hotspot will incur extra data charges. Using mobile hotspot may require a subscription to Mobile Hotspot/Mobile Broadband Connect service. For more information, contact Verizon Wireless.

Configure Mobile Hotspot

1. From the Home screen, tap **Apps**  → **Settings**  → **Mobile Hotspot**.

2. Tap **Set up Mobile Hotspot** to display the settings screen, allowing you to configure your device mobile hotspot:



- **Network name:** Set the name of the network that will be broadcast.

NOTE: Check the **Hide my device** check box to make your tablet Wi-Fi network name hidden.






- **Security:** Select the security type.
- **Password:** Set the password that the user will need to enter to connect the other device to this hotspot.

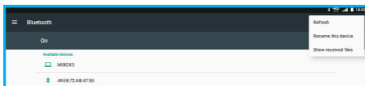
NOTE: Check the **Show password** check box to reveal the password.

3. Tap **SAVE** to apply the settings.

NOTE: If you have changed the password, make sure to tap **SAVE** to update the Mobile Hotspot password.

Bluetooth settings

1. From the Home screen, tap **Apps**  → **Settings**  → **Bluetooth**.
2. Tap the Bluetooth switch from **Off**  to **On** .
3. Tap  to display the settings menu, including:





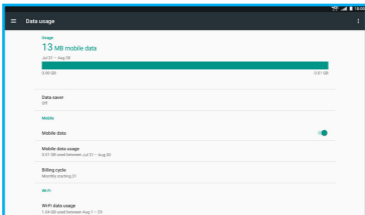
- **Refresh:** Tap this option to scan again for nearby Bluetooth enabled devices.
- **Rename this device:** Tap this option to display your device default name.
- **Show received files:** This option displays a list of files transferred to your tablet from other devices via Bluetooth.

Data Usage


You can control your device connection to mobile data service, and monitor your data usage.

Turning Mobile data On or Off

1. From the Home screen, tap **Apps**  → **Settings**  → **Data usage**.



2. Tap the Mobile Data switch from **Off**  to **On** .









NOTE: To switch the mobile data usage unit between gigabyte and megabyte, tap  → **Display in GB** or **Display in MB**.

Setting mobile data limit



Set a mobile data limit to have your tablet automatically turn off mobile data when that limit is reached.


You can set a warning threshold, to have your tablet alert you when data usage nears your set limit.

Data usage is measured by your device. Your service provider may account for usage differently, so you may want to consider using a conservative limit. Contact Verizon customer support or use **My Verizon** for more accurate data usage.



1. From the Home screen, tap **Apps**  → **Settings**  → **Data usage**.
2. Tap the **Mobile data** switch from **Off**  to **On** .
3. Tap **Mobile data usage** →  → **Limit Mobile data usage** to switch the function from **Off**  to **On** . A confirmation message appears on the screen, tap **OK** to enable the limit.
4. Tap **Data limit** and set the data usage limit in megabytes (MB) or gigabytes (GB). Then tap  and **SET** to save the settings.

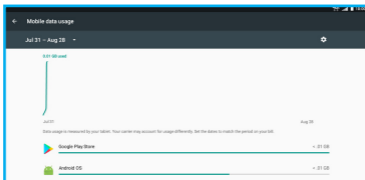




5. Tap the **Alert me about data usage** option to switch the function from **Off**  to **On** . A confirmation message appears on the screen, tap **OK** to have your device alert you when data usage reaches your set limit.
6. Tap **Billing cycle** and swipe the date wheel up or down to set the data usage reset date. Then tap **SET** to save the settings.

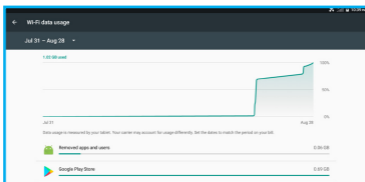
7. Tap **Data warning** and set the data usage warning limit in megabytes (MB) or gigabytes (GB). Then tap  and **SET** to save the settings.

Viewing data usage

To view mobile data usage, from the Home screen, tap **Apps**  → **Settings**  → **Data usage** → **Mobile data usage**.







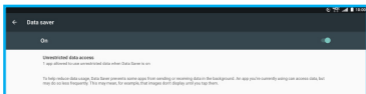
To view Wi-Fi data usage, from the Home screen, tap **Apps**  → **Settings**  → **Data usage** → **Wi-Fi data usage**.





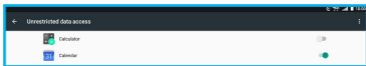
Using Data Saver

Data Saver prevents some apps from sending or receiving data in the background in order to reduce data usage.



1. From the Home screen, tap **Apps**  → **Settings**  → **Data usage** → **Data saver**.
2. Tap the Data saver switch from **Off**  to **On** .




3. Tap **Unrestricted data access** if you want to select one app that is not restricted while Data Server is on. Select the app and tap the app switch from **Off**  to **On** . In the following example the Calendar app is unrestricted.







Managing Mobile Networks

1. From the Home screen, tap **Apps**  → **Settings**  → **Data usage**.

2. Tap  → **Mobile networks** to display the mobile network settings. Refer to “Mobile Networks” on page 102.

Airplane Mode

When you are in an airplane or in an area where the usage of mobile data is not allowed, you can turn on Airplane mode.

1. From the Home screen, tap **Apps**  → **Settings**  → **Airplane mode**.
2. Tap the Airplane mode switch from **Off**  to **On** .





When Airplane mode is turned on, all your wireless connections are disabled. While in Airplane mode, you can use other features of your tablet, such as playing music, watching downloaded videos, or other applications.

NOTE: To use the Wi-Fi function in Airplane mode, turn on **Wi-Fi** from **Settings** or Quick Settings menu, and then connect to the available Wi-Fi network.

VPN



You can set up and manage Virtual Private Networks (VPNs). You must set a pattern, PIN or password screen lock before setting up a VPN. If you have not yet set a screen lock, you will be prompted to do so the first time you launch VPN. To add a VPN:

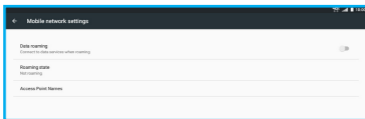
1. From the Home screen, tap **Apps**  → **Settings**  → **More** → **VPN**.
2. Tap **+** to set up a connection to a VPN.
Available settings depend on the type of VPN.



Mobile Networks

You can set options for roaming, networks and Access Point Names. Depending on your service plan, the changes you make to Mobile Networks settings may incur extra charges. Consult Verizon Wireless for more information.

1. From the Home screen, tap **Apps**  → **Settings**  → **More** → **Mobile networks**.



2. Configure the following settings:
 - **Data roaming:** Enable this option to allow connection to data services when roaming.
 - **Roaming state:** This option displays the device roaming status.
 - **Access Point Names:** This option allows you to select the APN or configure a new APN setting.

View Verizon Account

You can launch any type of browser application to view information and manage your Verizon account.

From the Home screen, tap **Apps**  → **Settings**  → **More** → **View Verizon Account**.



Device

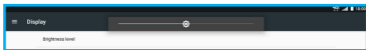
Configure device settings in this section.

Display Settings

Brightness

You can set the default screen brightness.





1. From the Home screen, tap **Apps**  → **Settings**  → **Display** → **Brightness level**.



2. Tap and drag the slider to set the brightness.



Adaptive Brightness

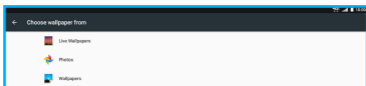
When this is turned on, your tablet will automatically adjust the screen brightness depending on the surrounding light conditions.

1. From the Home screen, tap **Apps**  → **Settings**  → **Display**.
2. On the **Adaptive brightness** option, tap the switch from **On**  to **Off**  to disable this function.

Wallpaper

You can customize the Home screen by selecting a background image.

1. From the Home screen, tap **Apps**  → **Settings**  → **Display** → **Wallpaper**.
2. Choose a source from Live Wallpapers, Photos, or Wallpapers.





3. Select a picture or wallpaper, then follow the onscreen instructions to set it as the background.

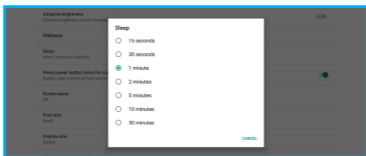
TIP: You can also set wallpaper from the Home screen. Tap and hold on the Home screen, then select **WALLPAPERS** from the Home screen menu.

Sleep

You can set the length of delay between the last button press or screen touch and the automatic screen timeout (dim, then lock).





1. From the Home screen, tap **Apps**  → **Settings**  → **Display** → **Sleep**.

2. Select the desired setting.





Press power button twice for camera

You can quickly open the camera without unlocking the screen.

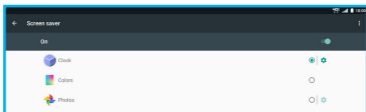
1. From the Home screen, tap **Apps**  → **Settings**  → **Display** → **Press power button twice for camera**.
2. Tap the switch from **Off**  to **On**  to enable the function.
3. Press the **Power/Lock** button quickly twice to open the camera when the screen is locked.

Screen Saver

You can specify what the screen displays when your device is docked or while charging.

1. From the Home screen, tap **Apps**  → **Settings**  → **Display** → **Screen saver**.

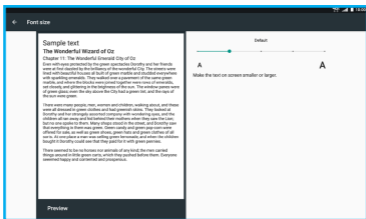
2. Tap the switch from **Off** to **On** to enable the function.
3. Select the desired setting.



Font Size



You can set the size of fonts in the display.

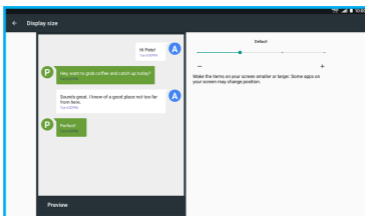
1. From the Home screen, tap **Apps** → **Settings** → **Display** → **Font size**.
2. Tap and drag the slider bar to set your desired font size. The Sample text in the Preview pane reflects your font size setting.



Display Size



Set your preferred display size.

1. From the Home screen, tap **Apps**  → **Settings**  → **Display** → **Display size**.
2. Tap and drag the slider bar to set your desired display size. The Sample text in the Preview pane reflects your display size setting.

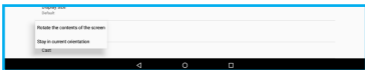


When Device is Rotated

Use this function to allow the screen orientation to change automatically when you rotate the device.

1. From the Home screen, tap **Apps**  → **Settings**  → **Display** → **When device is rotated**.

2. Select the desired setting:





- **Rotate the contents of the screen:** Select this option to enable automatic screen rotation.
- **Stay in current orientation:** Select this option to remain in the current screen orientation.

Cast

Use this function to display your device screen on a TV.

NOTE: The TV needs to support Miracast.

1. From the Home screen, tap **Apps**  → **Settings**  → **Display** → **Cast**.
2. Select the desired device to connect.

Configure Notifications



You can configure what apps and under what conditions are allowed to send notifications.

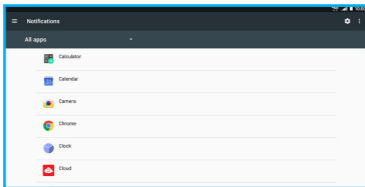
Set Notification Categories for Apps

Notifications are divided into categories, such as:



- **Block all:** Never show notifications from this app.
- **Shown silently:** Do not make sound or peek these notifications into view on the current screen.
- **Override Do Not Disturb:** Let these notifications continue to interrupt when Do Not Disturb is set to Priority Only.

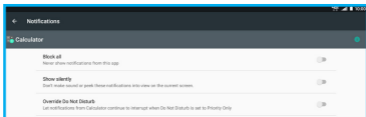
To set the notification categories for apps, do the following:



1. From the Home screen, tap **Apps**  → **Settings**  → **Notifications**.



2. Tap the ▼ icon and select **All apps** to view the list of all apps installed on your tablet if necessary.

3. Tap the desired app to configure its notification settings.
4. Do any of the following to assign the notification categories to the selected app:
 - Tap the desired notification category switch from **Off**  to **On**  to enable the rule.



5. Return to the Notifications page. Tap any of the following (optional):
 -  → **On the lock screen:** To set the notifications displaying default setting on the lock screen. The available options include **Don't show notifications at all** and **Show all notification content**.
 -  → **Show system:** Display only apps that are included with your tablet.

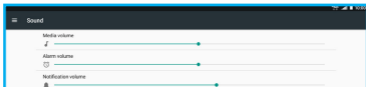
- ⋮ → **Reset app preferences:** Reset disabled apps, disabled app notifications, default applications for actions, background data restrictions for apps, and any permission restrictions to the factory default settings.
- ⋮ → **Memory:** View the average memory use and the memory used by apps within the last 3 hours up to 1 day.

Sound

You can set the default volume for music, video, games, and other media, alarms, notifications, and system volume.

TIP: You can set System volume from the Home screen by pressing the volume buttons up or down.



1. From the Home screen, tap **Apps** ⋮ → **Settings** ⚙️ → **Sound**.
2. Tap and drag the slider to set volume for:

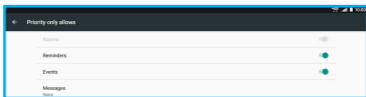


- Media
- Alarm
- Notification



Do Not Disturb

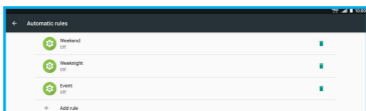
In this mode, your tablet is muted so that it does not make any sounds or vibrate. However, you can modify the interruption settings, by selecting the priority interruptions and configure interruption schedules.

1. From the Home screen, tap **Apps**  → **Settings**  → **Sound** → **Do not disturb**.
2. Tap **Priority only allows** and then select the desired items, such as alarms, reminders, events, or messages.








Set Automatic Rules

1. From the Home screen, tap **Apps**  → **Settings**  → **Sound** → **Do not disturb** → **Automatic rules**.




2. Select the rule category between **Weekend**, **Weeknight**, and **Event**.





NOTE: Tap  to add more event or time based rules.

3. Tap the rule switch from **Off**  to **On**  to enable the category.
4. Fill in the rule name, select the days, start time, end time, and set the interruption type. The available types include priority only, alarms only, and total silence.
5. Tap the **Alarm can override end time** switch from **Off**  to **On**  to allow to stop the alarm at the end time or at the next alarm, whichever comes first.



NOTE: Tap  to delete the rule.



Block Visual Disturbances

1. From the Home screen, tap **Apps**  → **Settings**  → **Sound** → **Do not disturb** → **Block visual disturbances**.
2. Tap the following visual disturbance switches from **Off**  to **On**  according to your preferences:
 - **Block when screen is on:** Prevent notifications silenced by Do Not Disturb from peeking or popping on screen.
 - **Block when screen is off:** Prevent notifications silenced by Do Not Disturb from turning on the screen.

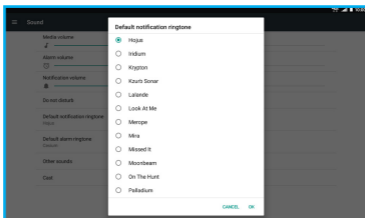


Default Notification Ringtone

You can select a default ringtone for messages and other notifications.

1. From the Home screen, tap **Apps**  → **Settings**  → **Sound** → **Default notification ringtone**.



2. Select the desired notification ringtone.





3. When done, tap **OK**.



Default Alarm Ringtone

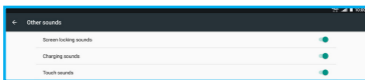
You can select a default ringtone for alarms.

1. From the Home screen, tap **Apps**  → **Settings**  → **Sound** → **Default alarm ringtone**.
2. Select the desired alarm ringtone.
3. When done, tap **OK**.

Other Sounds

1. From the Home screen, tap **Apps**  → **Settings**  → **Sound** → **Other sounds**.



2. Tap any of the following switches from **Off**  to **On**  according to your preferences:
- **Screen locking sounds:** When you enable the Screen locking sound function, tones play when unlocking and locking the screen.
 - **Charging sounds:** When you enable the Charging sounds function, tones play when the USB cable is plugged in or removed from the tablet.
 - **Touch sounds:** When you enable the Touch sounds function, tones play when you touch the screen to make selections.



Cast

Use this function to display your device screen on a TV.



NOTE: The TV needs to support Miracast.

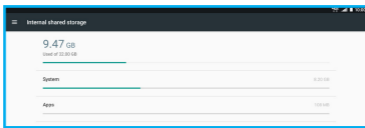
1. From the Home screen, tap **Apps**  → **Settings**  → **Sound** → **Cast**.
2. Select the desired device to connect to.

Tablet Storage

You can monitor usage for your tablet's internal memory, and for installed memory cards (sold separately). The microSD card can either be used as the internal storage or portable storage. To use the microSD card as the internal storage, it may require the memory card to be formatted using the device. After formatting, the system will then allow the applications to be copied to the microSD card.

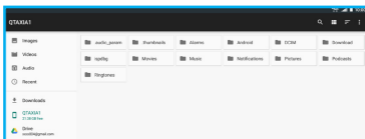
Storage

1. From the Home screen, tap **Apps**  → **Settings**  → **Storage**.





Under Internal Shared Storage, you can view the total space and available space on the device. Also the storage usage by its items, such as system, apps, images, videos, audio, other, and cached data.

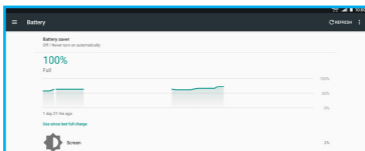
2. Tap on any of the internal shared storage item to view its content or tap **Explore** to view the entire content of the internal shared storage.





Battery



You can view the battery status or enable the battery saver or optimization function.

1. From the Home screen, tap **Apps**  → **Settings**  → **Battery**.




2. The remaining battery power is displayed on the screen. Tap one of the following:
 - **Battery saver:** Tap the battery saver switch from **Off**  to **On**  to enable the function.

NOTE:

- When the battery saver is enabled, it will reduce your device's performance, location services, and most background data in order to extend the battery life. Those apps that rely on syncing may not update unless you open them.
- If you want to turn on battery saver function automatically, Tap **Turn on automatically** and set the remaining battery power percentage (5% or 10%). Set **Never** to disable the automatic battery saver function.
- The battery saver function will be automatically disabled when your device is charging.
- Tap  to reduce screen brightness and/or screen timeout. Also, review time on and computed power use.
- **REFRESH:** Refresh the battery status.
- Tap  → **Battery optimization**. Select the app from the list you want to apply battery optimization. Then check **Optimize** from the popup menu and tap **DONE**.





NOTE: To see the list of all apps, tap  → **All apps**.

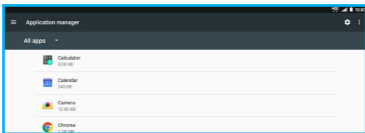
Application Manager

You can use Application manager to manage applications on your device. You can download and install applications from Play Store, from other sources, or create applications using the Android SDK and install them on your device.

Manage Apps




You can manage and remove applications from your device.

1. From the Home screen, tap **Apps**  → **Settings**  → **Application manager**.

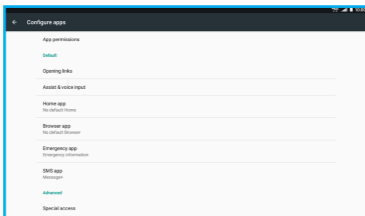


2. Tap an application for more information, and for application options such as stopping or uninstalling.

Configure Apps

1. From the Home screen, tap **Apps**  → **Settings**  → **Application manager** → .

2. Do any of the following:



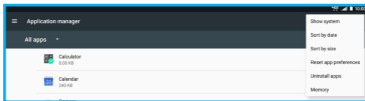
- **App permission:** Set app access permission for different permission categories, such as body sensors, calendar, camera, contacts, location, microphone, phone, SMS, storage, and additional permissions.
- **Opening links:** View app links and related URLs.
- **Assist and voice input:** Configure assist apps settings. Assist apps can help you based on information from the screen you're viewing. Some apps support both launcher and voice input services to give you integrated assistance.
- **Home app:** Set your tablet's default launcher. NOTE: The Android default launcher is Launcher3.

- **Browser app:** Set your tablet's default web browser.
- **Emergency app:** Set your tablet's default emergency app.
- **SMS app:** Set your tablet's default SMS app.
NOTE: The Android default SMS app is Hangouts and Message+.
- **Special access:** Set special access for optimized apps (battery optimization), device administrators to lock or erase a lost device, apps belonging to do not disturb access category and draw over other apps category, apps running as VR helper services, apps that are allowed to modify system settings, apps with notification access, Premium SMS access, unrestricted data access, and usage access.

Apps Settings



1. From the Home screen, tap **Apps**  →

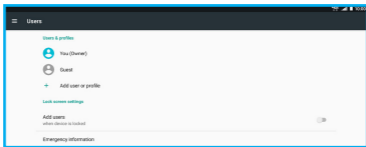
Settings  → **Application manager** → .





2. Do any of the following:
- **Show system:** View all the system apps. Tap an app in the list to modify its settings.
 - **Sort by date/Sort by size:** Sort the apps by date or size.
 - **Reset app preferences:** Tap to reset all parameters for disabled apps, disabled app notifications, default apps for actions, background data restrictions for apps, and any permission restrictions. Tap **RESET APPS** at the popup message to reset preferences.
 - **Uninstall Apps:** Select the apps you want to uninstall and tap **UNINSTALL**.
NOTE: To select all apps for uninstallation, tap **SELECT ALL**.
 - **Memory:** View average memory usage and memory usage by apps.

Tablet Users

1. From the Home screen, tap **Apps**  → **Settings**  → **Users**.







2. Do any of the following:
 - Tap an existing user account to change the user name or modify the profile picture. Tap **OK** to save the modifications.
 - Tap **Add user or profile** to add:
 - A new user with its own apps and content.
 - A user that has restricted access to apps and content on the tablet.
 - Tap the Add users switch from **Off**  to **On**  to allow adding users when the device is locked.
 - Tap **Emergency information** and fill in your personal information, such as name, address, blood type, allergies, etc. This information can help first responders in an emergency.

Location, Security, and Backup

Location

You can select how your tablet determines its location.

Configure Location Mode and View Related Information

1. From the Home screen, tap **Apps**  → **Settings**  → **Location**.
2. Tap the switch from **On**  to **Off**  to switch off the location function.

NOTE: The location function is on by default.

3. Do any of the following:
 - Tap **Mode** and select the desired option.





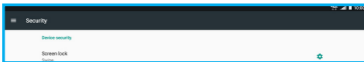
- **High accuracy:** Use the built-in GPS receiver in together with your Wi-Fi network and cellular connection to determine the location.

- **Battery saving:** Use your Wi-Fi and cellular networks to determine the location.
- **Device only:** Use only the built-in GPS to determine the location.
- **Recent location requests:** View the applications that have recently requested location information.
- **Location services:** View the location history.

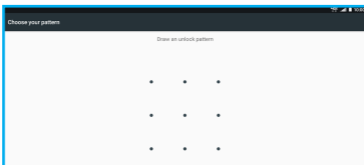
Security

Device Security

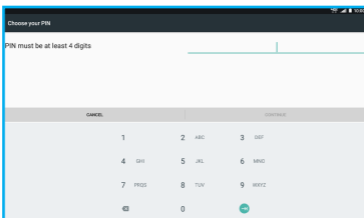
1. From the Home screen, tap **Apps**  → **Settings**  → **Security**.



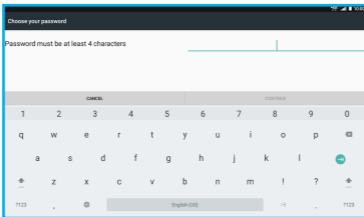
2. Tap any of the following:
 - **Screen lock:** Select a screen lock option:
 - **None:** Screen lock is disabled.
 - **Swipe:** Swipe the screen to unlock.
 - **Pattern:** Draw a pattern, which you create, to unlock your tablet. Follow the onscreen instructions to create your pattern. Follow the onscreen instructions to record your pattern.




- **PIN:** Enter a numeric PIN (Personal Identification Number), which you create, to unlock your tablet. Follow the onscreen instructions to save the PIN.





- **Password:** Enter an alphanumeric password, which you create, to unlock your tablet. Follow the onscreen instructions to create your Password.

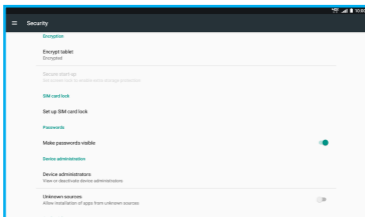


-  (next to the **Screen lock** item):
 - **Automatically lock:** Set the automatic lock time after the device enters the sleep mode. For example, if the device enters the sleep mode after 1 minute of inactivity and the automatic lock is set to 3 minutes, then you can wake up the device without entering the security code for 2 minutes and 59 seconds. If you set the automatic lock parameter to **Immediate** then the device is locked immediately after it enters the sleep mode.
 - **Power button instantly locks:** Switch on to instantly lock the **Power/Lock button**, except when kept unlocked by Smart Lock.
 - **Lock screen message:** Enter a lock screen message.

- **Smart Lock:** This options becomes available after you set a screen lock. You can set Smart Lock to keep your device unlocked when:
 - **You are carrying your device with you:** Configure the **On-body detection** parameters.
 - **Your device is in a certain place:** Configure the **Trusted places** parameters.
 - **You have connected a specific Bluetooth device:** Configure the **Trusted devices** parameters.
 - **Your device recognizes your face or voice:** Configure the **Trusted face** or **Trusted voice (“OK Google”)** parameters.

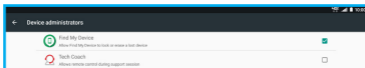
Additional Security Settings

1. From the Home screen, tap **Apps**  → **Settings**  → **Security**.



2. Tap any of the following:

- **Encrypt tablet:** The tablet is encrypted by default.
- **Secure start-up:** Set start-up PIN.
- **Set up SIM card lock:** Lock SIM card and require PIN to use tablet.
- **Make password visible:** Switch on to reveal passwords.
- **Device administrators:** Set your device administrators' privileges.



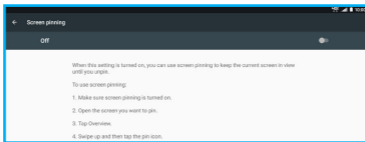
- **Find My Device:** Activate Find My Device to lock or erase a lost device.

- **Tech Coach:** Activate Tech Coach to allow remote control during support session.

NOTE: Available administrators depend on the accounts you have set up.

- **Unknown sources:** Enable or disable apps installation from unknown sources.
- **Storage type:** View the storage type.
- **Trusted credentials:** View and modify system- or user-based trusted credentials. Tap the company to remove from the trusted credentials list. Tap it again to add to the list.
- **User Credentials:** View and modify stored credentials.
- **Install from SD card:** Allow or deny the installation of the certificates from the SD card.
- **Clear credentials:** Tap to clear stored credentials. This setting only appears if you have trusted certificates installed.
- **Trust agents:** View or deactivate trust agents.

- **Screen pinning:** Select **ON** to lock the device temporarily in a specific app. Follow the onscreen instructions to set up screen pinning.





- **Apps with usage access:** Permit usage access for a specific app that tracks what other apps you are using, how frequently as well as track the carrier, language settings, and other details.

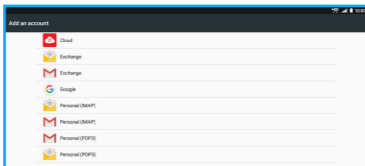
Accounts

You can manage accounts, including your Google, social networking, Cloud server, and Email accounts.

Adding an Account

1. From the Home screen, tap **Apps**  → **Settings**  → **Accounts** → **Add account**.



2. Select an account type. Then follow the onscreen instructions to log in to the account and complete setup.

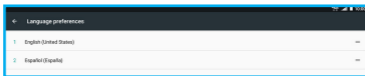


Language and Input

You can select a language for your device screens, and configure other input options.





Language

1. From the Home screen, tap **Apps**  → **Settings**  → **Language & input**.
2. Tap **Language**.
3. Select a language from the list.




NOTE: Tap and drag the ≡ icon to change the language priority order.



Spell Checker

1. From the Home screen, tap **Apps**  → **Settings**  → **Language & input**.
2. Tap **Spell checker**.
3. Tap the switch from **On**  to **Off**  to disable this function.

NOTE: The spell checker is on by default.

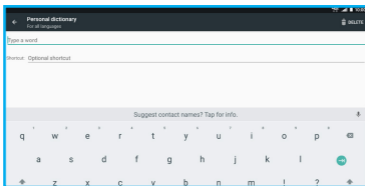
4. Tap **Language** to set the default language for spell checker.
5. Tap **Default spell checker** to set the default spell checker. Tap  → **Look up contact names** check box to lookup contact names when running a spell checker.

Personal Dictionary

1. From the Home screen, tap **Apps**  → **Settings**  → **Language & input**.
2. Tap **Personal dictionary**.
3. Tap **For all languages** or tap on a specific language where you want to use the Personal dictionary.

4. Do the following:

- To add a word: Tap **ADD**. Then enter a word and tap →. Enter the shortcut, if necessary, and then tap ✓ to save the word into the dictionary.



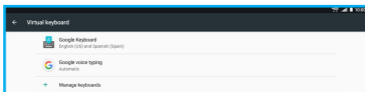
- To delete a word: Select the word to delete and tap **DELETE**.

Keyboards and Input Methods - Virtual Keyboard

1. From the Home screen, tap **Apps** → **Settings** → **Language & input**.



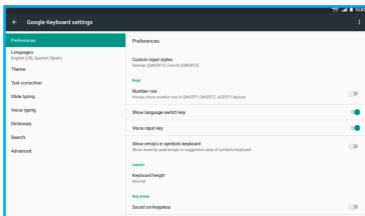
2. Tap **Virtual keyboard**.
3. Tap **Google Keyboard** or **Google voice typing** to configure its parameters.













NOTE: Tap **Manage keyboards** to enable automatic Google voice typing.

Google Keyboard

You can configure Google Keyboard settings.



- **Preferences:** Select this option to customize Google Keyboard settings, such as:
 - **Custom input styles:** Select your custom keyboard input style between German (QWERTY) and French (QWERTZ).
 - **Number row:** Always show number row in QWERTY, QWERTZ, and AZERTY layouts.

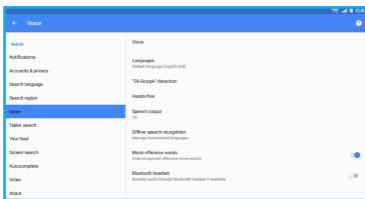
- **Show language switch key:** Tap the switch from **On**  to **Off**  to disable displaying the language switch key on Google keyboard.
NOTE: The language switch key is visible on Google Keyboard by default.
- **Voice input key:** Tap the switch from **On**  to **Off**  to disable displaying voice input key on Google keyboard.
NOTE: The voice input key is visible on Google Keyboard by default.
- **Show emojis in symbols keyboard:** Tap the switch from **Off**  to **On**  to enable the function.
- **Keyboard height:** Tap to adjust the keyboard height.
- **Sound on keypress:** Tap the switch from **Off**  to **On**  to enable the function.
- **Long press for symbols:** Tap the switch from **Off**  to **On**  to enable long press keys to access hinted symbols.
- **Key long press delay:** Set the key long press delay in milliseconds.
- **Languages:** Select languages for the keyboard.
- **Theme:** Select this option to set the keyboard theme or show the keyboard border.

- **Text correction:** Select this option to display suggested words while typing, use the previous word in making suggestions, learn from Google apps and services and your typed data to improve suggestions, allow the spacebar and punctuation to automatically correct the mistyped words, capitalize the first word of each sentence, enable the function so the system will not suggest potentially offensive words, use names from Contact for suggestions, or allow double tap on the spacebar to insert a period followed by a space at the end of a sentence.
- **Text Correction:** Enable various text correction options, such as displaying suggestion strip while typing, next-word suggestions, block offensive words, and many more.
- **Glide typing:** Enable this option to input a word by sliding through the letters, see the gesture trail, delete word by sliding left from the delete key, or move the cursor by sliding across the space bar.
- **Voice Typing:** Please refer to “Google Voice Typing” on page 140.

- **Dictionary:** Select this option to add your personal dictionary, add more dictionaries, sync the learned words, or delete the learned words from this device and backups.
- **Search:** Configure search options.
- **Advanced:** Tap to display more advanced settings, including the emoji palette, application icon, and usage statistics and snippets sharing.

Google Voice Typing



You can configure Google voice typing settings.

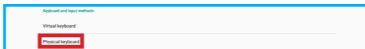


- **Languages:** Select language(s).
- **“Ok Google” detection:** Enable the **From the Google app** function to start a voice search from the Google app. You can also enable the **From any screen** function to let the system respond to your voice when the screen is on or the device is charging.

- **Hands-free:** Enable this function to allow requests with locked device to use the voice search when using Bluetooth devices or wired headsets.
- **Speech output:** Select this option to enable hearing spoken responses to some of your searches or enable it only when you are connected with the hands-free only.
- **Offline speech recognition:** Select this option to manage the downloaded languages.
- **Block offensive words:** When you enable this option, the system will automatically hide recognized offensive voice results.
- **Bluetooth headset:** When you enable this option, you can record audio through the Bluetooth headset if available.

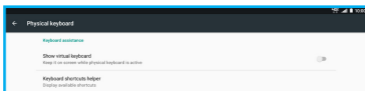
Keyboards and Input Methods - Physical Keyboard

1. From the Home screen, tap **Apps**  → **Settings**  → **Language & input**.



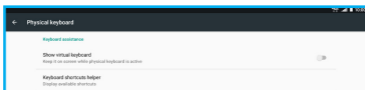
2. Tap **Physical keyboard**.



- **Physical keyboard** to configure its parameters.



Physical Keyboard

You can configure the following physical keyboard settings.





- **Show virtual keyboard:** Tap the switch from **Off**  to **On**  to view the virtual keyboard while the physical keyboard is active.
- **Keyboard shortcuts helper:** Display available shortcuts.


Speech

You can configure options for entering text by speaking.

Text-to-speech Output

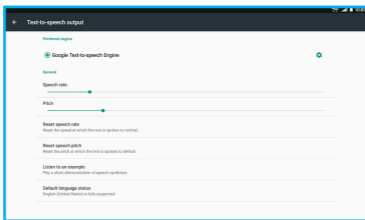
Text-to-speech provides readout of text. For example, you can have the contents of messages read out to you.

1. From the Home screen, tap **Apps**  → **Settings**  → **Language & input**.
2. Tap **Text-to-speech output**.
3. Tap **Google Text-to-speech Engine** to enable the Google engine.

You can tap the  icon next to the Google Text-to-speech Engine option to configure the following:



- **Language:** Select this option to choose a language for text readout.
 - **Settings for Google Text-to-speech Engine:** Select the respective option check box to enable auto-updates voices or download voices data using only Wi-Fi.
 - **Install voice data:** Select this option to install the voice data required for speech synthesis.
4. Configure the following settings:
 - **Speech rate:** Adjust the slider bar to match the speed at which the text is spoken.

- **Pitch:** Adjust the slider bar to match the pitch at which the text is spoken.
- **Reset speech rate:** Reset the speed at which the text is spoken to normal.
- **Reset speech pitch:** Reset the pitch at which the text is spoken to default.
- **Listen to an example:** If you have enabled a speech synthesizer, tap this option to listen to a brief sample of voice output.
- **Default language status:** Select this option to display the default language for text readout.



Mouse/trackpad

You can configure the cursor speed.

1. From the Home screen, tap **Apps**  → **Settings**  → **Language & input**.
2. Tap **Pointer speed**.



Drag the slider to set the speed, and then tap **OK** to confirm the setting.



Back Up and Reset

Back Up My Data and Account

You can turn on or off backup of your current settings and application data to the Google Server.





1. From the Home screen, tap **Apps**  → **Settings**  → **Backup & reset**.
2. Tap **Back up my data** to switch on backup of app data, Wi-Fi passwords, and other settings to the Google server.

NOTE: Back up my data function is on by default.

3. Tap **Backup account** to set the backup account.
4. Tap **Google Account** to backup to Google Drive.

Automatic Restore



When you enable this option, the system will restore backed up settings when you reinstall an application.

1. From the Home screen, tap **Apps**  → **Settings**  → **Backup & reset**.
2. On the **Automatic restore** option, tap the switch from **On**  to **Off**  to disable automatic restoration of settings from the Google server.

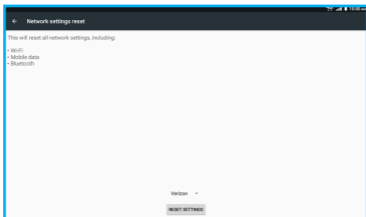
NOTE: Automatic restore function is switched on by default.

Network Settings Reset

Use this function to reset all network settings, including Wi-Fi, Mobile data, and Bluetooth.



1. From the Home screen, tap **Apps**  → **Settings**  → **Backup & reset**.

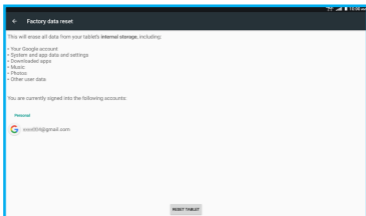
2. Tap **Network settings reset** → **RESET SETTINGS** to erase network settings on your tablet.



Factory Data Reset

Use this function to return your tablet to its factory defaults. This setting erases all data from your tablet, including your Google or other email account settings, system and application data and settings, and downloaded applications. After a reset, you will be prompted to set up your tablet the next time you turn it on.

1. From the Home screen, tap **Apps**  → **Settings**  → **Backup & reset**.
2. Tap **Factory data reset** → **RESET TABLET** to erase all data on your tablet.





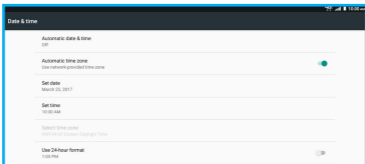
NOTE: Factory Data Reset can take up to 5 minutes to complete.

System

Date and Time

By default, your tablet receives date and time information from the wireless network. When you are outside network coverage, you may want to set date and time information manually using the date and time settings.

1. From the Home screen, tap **Apps**  → **Settings**  → **Date & time**.
2. Configure the following settings:







- **Automatic date & time:** When this is turned on, your tablet receives automatic date and time updates from the wireless network.
- **Automatic time zone:** When this is turned on, your tablet receives the time zone from the wireless network.
- **Set date:** When the **Automatic date & time** setting is turned off, you can set the current time manually. Tap **OK** to save the setting.
- **Set time:** When the **Automatic date & time** setting is turned off, you can set the current time manually. Tap **OK** to save the setting.
- **Select time zone:** When the **Automatic time zone** setting is turned off, you can choose your local time zone manually.
- **Use 24-hour format:** Turn this on to use a 24-hour format for time displays.

Accessibility

The special features make using the device easier for those with certain physical disabilities.

TalkBack



You can turn on spoken feedback as you navigate your tablet.



1. From the Home screen, tap **Apps**  → **Settings**  → **Accessibility**.
2. Tap **TalkBack**.
3. Tap the switch from **Off**  to **On**  to turn on this function.
4. A pop-out message appears, tap **OK** to start using TalkBack.

When you activate TalkBack, spoken feedback starts immediately. As you navigate your tablet, TalkBack describes your actions and alerts you of notifications.

Select to Speak





Enable spoken feedback.

1. From the Home screen, tap **Apps**  → **Settings**  → **Accessibility**.

2. Tap **Select to Speak**.
3. Tap the switch from **Off**  to **On**  to turn on this function.
4. A pop-out message appears, tap **OK** to start using Select to Speak.



Switch Access



You can control your device using configurable key combinations. You can move the focus to clickable items and select them.

1. From the Home screen, tap **Apps**  → **Settings**  → **Accessibility**.
2. Tap **Switch Access**.
3. Tap the switch from **Off**  to **On**  to turn on this function.
4. A pop-out message appears, tap **OK** to start using Switch Access.

Captions





The device will display subtitles where available.

1. From the Home screen, tap **Apps**  → **Settings**  → **Accessibility**.

2. Tap **Captions**.
3. Tap the switch from **Off**  to **On**  to turn on this function.
4. Configure the following settings:
 - **Language:** This option allows you to specify the language in which you want captions to appear.
 - **Text size:** This option allows you to select the size of the caption text.
 - **Caption style:** This option allows you to select the style and color for the caption text and background.

Magnification Gestures

With magnification gestures function, you can zoom in and out by triple-tapping the screen.

1. From the Home screen, tap **Apps**  → **Settings**  → **Accessibility**.
2. Tap **Magnification gestures**.
3. Tap the switch from **Off**  to **On**  to turn on this function.

Font Size





Use this function to adjust the text size on your device. Refer to “Font Size” on page 107.

Display Size

Use this function to adjust the display size of your device. Refer to “Display Size” on page 108.





Click After Pointer Stops Moving

Set delay after pointer stops moving.

1. From the Home screen, tap **Apps**  → **Settings**  → **Accessibility**.
2. Tap **Click after pointer stops moving** option.
3. Tap the switch from **Off**  to **On**  to turn on this function and then adjust the slider bar to set the delay before click.





High Contrast Text

High contrast will automatically fix the text color to make the text easier to read on your device.

1. From the Home screen, tap **Apps**  → **Settings**  → **Accessibility**.
2. On the **High contrast text** option, tap the switch from **Off**  to **On**  to turn on this function.

Auto-rotate Screen

When this function is turned on, the screen orientation changes automatically when you rotate your device.





1. From the Home screen, tap **Apps**  → **Settings**  → **Accessibility**.
2. On the **Auto-rotate screen** option, tap the switch from **On**  to **Off**  to turn off this function.

NOTE: Auto-rotate screen function is on by default.







Speak Passwords

When this function is turned on, characters entered in password fields are read out by your device.

1. From the Home screen, tap **Apps**  → **Settings**  → **Accessibility**.
2. On the **Speak passwords** option, tap the switch from **Off**  to **On**  to turn on this function.





Large Mouse Pointer

Use this function to display large mouse pointer.

1. From the Home screen, tap **Apps**  → **Settings**  → **Accessibility**.
2. On the **Large mouse pointer** option, tap the switch from **Off**  to **On**  to turn on this function.





Mono Audio

Use this function to combine channels when playing audio.

1. From the Home screen, tap **Apps**  → **Settings**  → **Accessibility**.
2. On the **Mono audio** option, tap the switch from **Off**  to **On**  to turn on this function.

Accessibility Shortcut

This option allows you to make accessibility options easily available. When this feature is turned on, you can quickly turn on accessibility features by pressing and holding the **Power/Lock** button until you hear a sound/feel a vibration. Then tap and hold the screen with two fingers until you hear audio confirmation.



1. From the Home screen, tap **Apps**  → **Settings**  → **Accessibility**.
2. Tap **Accessibility shortcut**.
3. On the **Accessibility shortcut** option, tap the switch from **Off**  to **On**  to turn on this function.

Text to Speech Output

Configure text to speech output parameters. Refer to “Speech” on page 142.





Touch & Hold Delay

This option allows you to adjust the amount of time required for your device to notice that you are touching an object on the screen.

1. From the Home screen, tap **Apps**  → **Settings**  → **Accessibility**.
2. Tap **Touch & hold delay**.
3. Select the desired setting.





Color Inversion

This option allows you to exchange color values.

1. From the Home screen, tap **Apps**  → **Settings**  → **Accessibility**.
2. On the **Color inversion** option, tap the switch from **Off**  to **On**  to turn on this function.

Color Correction

This option allows your device to compensate for color blindness.



1. From the Home screen, tap **Apps**  → **Settings**  → **Accessibility**.
2. Tap **Color correction**.
3. Tap the switch from **Off**  to **On**  to turn on this function.



4. On the **Correction mode** option, select the desired color correction mode.



Printing

You can print photos or documents from your device, via Wi-Fi, to a compatible printer (not included). Your device and the printer must be connected to the same Wi-Fi network.

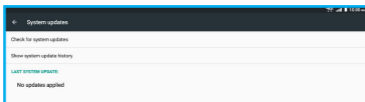
1. From the Home screen, tap **Apps**  → **Settings**  → **Printing**.
2. Tap **ADD SERVICE**. You are then directed to Google Play Store to select and install your preferred print service.

System Updates

You can check for any available software updates and view the current software and configuration versions.



1. From the Home screen, tap **Apps**  → **Settings**  → **System updates**.
2. Select an option to view the details:
 - **Check for system update:** This option allows you to check for the software and configuration updates for your tablet.

- **Show system update history:** This option displays the software and configuration versions.



About Tablet

You can view information about your tablet, including status, legal information, hardware and software version.

1. From the Home screen, tap **Apps**  → **Settings**  → **About tablet**.
2. Select an option to view the details:
 - **Status:** This option display the battery, network and other status information.
 - **Legal information:** This option displays the legal related information including open source license, Google legal information, system WebView licenses, and Wallpapers information.
 - **Model number:** This option displays your tablet's model number.

- **Android version:** This option displays the firmware version of your tablet.
- **Android security patch level:** This option displays the firmware security patch level of your tablet.
- **Baseband version:** This option displays the baseband version of your tablet.
- **Kernel version:** This option displays the kernel version of your tablet.
- **Build number:** This option displays your tablet build number.
- **Software version:** This option displays the software version of your tablet.
- **Hardware version:** This option displays the hardware version of your tablet.
- **Configuration version:** This option displays the configuration version of your tablet.

Section 6. Health and Safety Information

This section outlines the safety precautions associated with using the device.

Important Safety Precautions

Please read the safety and operation instructions before using your device or any accessories that came with it. Retain these instructions for future use.

- Do not install your device in your vehicle or use it while driving. Using your device while driving could put you and others at greater risk of an accident causing serious injury, death, and property loss. You are responsible for knowing and obeying the laws and regulations regarding the use of wireless devices in the areas where you drive.
- Do not use your device or accessories near water (for example, near a bathtub or a sink, in a wet basement, or near a swimming pool) or spill liquid of any kind on your device or accessories as this might cause a short circuit, a fire, or an electric shock which could cause serious injury, death, and property loss.
- Do not use your device in the presence of gas fumes as it presents a risk of fire or explosion.
- Do not use or store your device in extreme temperatures as your device might overheat and may present a burn and fire risk and cease to function.
- Do not dispose of your device in a fire as this might cause an explosion resulting in serious injury, death, and property loss.

- Federal Aviation Administration (FAA) and Federal Communications Commission (FCC) regulations prohibit using the radio of wireless devices while in the air. Turn off all wireless connections on your device before boarding an aircraft. Using your device on an aircraft might affect aircraft instrumentation, communication, and performance; might disrupt the network; might otherwise be dangerous to the operation of the aircraft, its crew, and its passengers; and might be illegal.
- When listening to audio files using headphones, permanent hearing loss might occur if headphones are used at a high volume. Avoid increasing the volume of your headphones to block out noisy surroundings. If you experience ringing in your ears or muffled speech, consult a physician to have your hearing checked.
- Do not disassemble your device. Your device contains small parts that might be a choking hazard.
- Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment might not be shielded against the RF signals from your device. Keep your device away from medical devices, including pacemakers and hearing aids, as they might malfunction and cause serious injury or death to you and others.
- Turn off all wireless connections on your device in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.
- Certain jurisdictions might prohibit or restrict your use of certain features on your device.

Additional Safety Guidelines

About Charging

- Use only the charger supplied with your device. Use of another type of charger will result in malfunction and/or danger.
- Do not use the charger in a high moisture environment. Never touch the charger when your hands or feet are wet.
- Allow adequate ventilation around the charger when using it to operate the device or charge the battery. Do not cover the charger with paper or other objects that will reduce cooling. Do not use the charger while it is inside a carrying case.
- Connect the charger to a proper power source. The voltage requirements are found on the product case and/or packaging.
- Do not use the charger if the cord becomes damaged.
- Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.

About the Battery

This unit contains a non-replaceable internal Lithium Ion battery. The battery can burst or explode, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush, puncture, or dispose of in fire or water.

Only use the battery with a charging system that has been qualified with the system per CTIA Certification

Requirements for Battery System Compliance to IEEE 1725. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.

Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.

Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard. Only authorized service providers shall replace battery.

Promptly dispose of used batteries in accordance with local regulations.

Battery usage by children should be supervised.

For those host devices that utilize a USB port as a charging source, the host device's User Guide shall include a statement that the phone shall only be connected to CTIA certified adapters, products that bear the USB-IF logo or products that have completed the USB-IF compliance program.

Important instructions (for service personnel only)

CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

- The battery must be recycled or disposed of properly.
- Use the battery only in the specified equipment.

Caring for Your Device

Taking good care of your device will ensure trouble-free operation and reduce the risk of damage to your device:

- Keep your device away from excessive moisture and extreme temperatures.
- Do not place anything on top of your device or drop objects on your device.
- Do not drop your device or subject it to severe shock.
- Do not subject your device to sudden and severe temperature changes. This could cause moisture condensation inside the unit, which could damage your device. In the event of moisture condensation, allow your device to dry out completely before use.
- The screen surface can easily be scratched. Avoid touching it with sharp objects. Nonadhesive generic screen protectors designed specifically for use on portable devices with LCD panels may be used to help protect the screen from minor scratches.
- Never clean your device when it is turned on. Use a soft, lint-free cloth to wipe the screen and the exterior of your device.
- Do not use paper towels to clean the screen.
- Never attempt to disassemble, repair or make any modifications to your device. Disassembly, modification or any attempt at repair could cause damage to your device and even bodily injury or property damage and will void any warranty.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your device, its parts or accessories.
- Do not expose your device to extreme heat or direct sunlight for prolonged periods. Overheating may damage your device.

- Do not use alcohol or any abrasive material when cleaning the accessories.
- Do not expose the accessories to extreme heat or direct sunlight for prolonged periods.
- Store the accessories in a cool and dry place.

Federal Communication Commission Interference Statement

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. 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 or 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.

FCC Caution:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The antenna(s) used for this transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

NOTE: The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all Wi-Fi products marketed in US must fixed to US operation channels only.

RF Exposure Information (SAR)

This device meets the government's requirements for exposure to radio waves.

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless device employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. *Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level,

the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the model device as reported to the FCC when tested is 0.98 W/kg as described in this user guide.

While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of

www.fcc.gov/oet/ea/fccid

For body worn operation, this device has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and be positioned a minimum of 0 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

§15.19 (a)(3)

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

§15.21

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

§15.105 (b)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. 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 or 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.

WEEE

This device must not be disposed of as normal household waste, in accordance with the EU directive for waste electrical and electronic equipment (WEEE - 2002/96/EC).

Instead, it should be disposed of by returning it to the point of sale, or to a municipal recycling collection point.



Section 7. Warranty Information

Warranty Period

The manufacture warrants this device is free from defects in material and workmanship under normal use and service for twelve (12) months commencing upon the date of purchase by the first consumer purchaser. If proof of purchase cannot be provided, the manufacture date as recorded by the manufacturer based upon the serial number will be deemed to be the start of Warranty Period.

Limited Warranty Statement

The consumer should never attempt to open or disassemble the device and doing so may cause damage that voids your warranty.

The device is equipped with an internal rechargeable battery that is non-removable.

This warranty does not cover defects

- 1) Resulting from improper or unreasonable use or maintenance;
- 2) Failure to follow operating instructions; accident; excess moisture; insects; lightning; power surges; connections to improper voltage supply;
- 3) Unauthorized alteration or modification of original condition;
- 4) Damages caused by inadequate packing or shipping procedures;
- 5) Devices purchased from unauthorized dealers.

During the warranty period, the manufacturer will, at its sole option, (using new or refurbished replacement parts), repair any defective devices. Repaired devices will be warranted for a period equal to the remainder of the original Limited Warranty on the original device or for NINETY (90) days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of manufacturer.

The warranty is good only to the original purchaser of the device during the warranty period as long as it is in the U.S.

Disclaimer of Warranties; Exclusion of Liability

Except as set forth in the express warranty contained on the warranty page enclosed with the device, the purchaser takes the device "AS IS", and manufacturer makes no express or implied warranty or any kind whatsoever with respect to the product, including but not limited to the merchantability of the product or its fitness for any particular purpose or use; The design, condition or quality of the device; The performance of the product; The workmanship of the product or the components contained therein; Or compliance of the product with the requirements of any law, rule, specification or contract pertaining thereto. Nothing contained in the instruction guide shall be construed to create an express or implied warranty of any kind whatsoever with respect to the device. In addition, manufacturer shall not be liable for any damages of any kind resulting from the purchase or use of the device or arising from the breach of the express warranty, including incidental, special or consequential damages, or loss of anticipated profits or benefits.

Manufacturer is not liable for performance issues or incompatibilities caused by your editing of registry settings, or your modification of operating system software.

Using custom operating system software may cause your device and applications to work improperly. Your carrier may not permit users to download certain software, such as custom OS.

If your carrier prohibits this, if you attempt to download software onto the device without authorization, you will be notified on the screen that the device will no longer operate and be instructed to power down the device. You must then contact your carrier to restore the device to the carrier authorized settings.

