

The Lenovo logo is displayed in white text on a red rectangular background. The word "Lenovo" is written in a bold, sans-serif font, with a small trademark symbol (TM) to the right of the letter "o".

# User Guide

TB311XU

TB311FU

# Contents

Welcome .....	1
Basics.....	2
Set up and get started .....	2
Prepare for setup.....	2
Initial setup .....	2
Learn about gestures.....	4
Basic gestures.....	4
More gestures .....	5
Customize your home screen.....	6
Home settings .....	6
Widgets.....	7
Wallpaper.....	7
Use your apps .....	8
Search for an app .....	8
Move an app to another screen .....	8
Manage the open apps .....	8
Uninstall an app.....	8
Entertainment Space.....	9
Open the Entertainment Space .....	9
Disable the Entertainment Space .....	9
Notifications and Quick settings.....	9
Control center style.....	9
Notifications panel.....	9
Quick settings panel .....	10
Factory reset, update and force shutdown .....	10
Factory reset .....	10
System update .....	10
Force shutdown.....	11

<b>Settings</b> .....	<b>12</b>
Wi-Fi .....	12
Mobile network.....	12
VPN .....	13
Bluetooth.....	13
Display .....	13
Brightness .....	13
Reading mode.....	14
Eye protection and safety information.....	14
Biometrics and Passwords .....	14
One Vision.....	15
Floating Window .....	15
Split Screen .....	15
Digital Wellbeing & parental controls.....	16
Digital Wellbeing.....	16
Parental controls .....	17
Battery.....	17
Battery Saver.....	17
Charge optimization .....	17
Show battery percentage.....	17
Detect battery drain.....	18
Overdischarge protection .....	18
Permission management.....	18
Language.....	18
<b>Apps</b> .....	<b>19</b>
Camera.....	19
Open Camera.....	19
Camera settings .....	19
Switch camera modes.....	20
View photos and videos.....	20
Files .....	20

Browse files.....	21
Clean files.....	21
Share files.....	21
Google apps.....	21
<b>Advanced features .....</b>	<b>22</b>
Multiple users.....	22
Multi-User Preferences .....	22
Creating new user accounts.....	22
Switching between user accounts .....	22
Deleting a user account.....	23
PC mode .....	23
Key Mapping.....	23
<b>Accessibility features.....</b>	<b>24</b>
Visual Assistance.....	24
TalkBack.....	24
Select to Speak.....	26
Display size and text.....	28
Color and motion.....	28
Extra dim .....	29
Magnification.....	29
Auditory Assistance .....	30
Live Caption.....	30
Caption preferences .....	30
Audio description.....	30
Hearing devices.....	31
Audio adjustment.....	31
Real-time text (RTT).....	31
Mobility Assistance .....	32
Switch Access.....	32
Sticky keys/Bounce keys/Slow keys .....	32

Accessibility shortcuts.....	32
Learning and Cognitive Assistance.....	34
Timing controls.....	34
System controls.....	35
<b>Appendix.....</b>	<b>36</b>
Important notice for QUEBEC consumers.....	36
Important safety and handling information.....	36
Electronic emission notices.....	40
Environmental, recycling, and disposal information.....	42
ENERGY STAR model information.....	45
Export classification notice.....	46
Dolby certification.....	46
HEVC Standard.....	46

# Welcome

Before using your device, be sure to read the following:

- *Quick Start Guide*
- *Safety and Warranty Guide*
- *Regulatory Notice*

To get more information and download the above documents, please go to <https://support.lenovo.com>.

-  Product appearance and functionality may vary depending on the model, software version, and regional specifications. Please refer to your specific device for detailed operations.

## Icons

-  Instruction, reminder, or suggestion.
-  Attention or caution.
-  Danger or warning.

# Basics

## Set up and get started

### Prepare for setup

To make setup as smooth as possible, please prepare the following:

- An internet connection through a Wi-Fi network or a mobile network.  
You may need the name and password of the Wi-Fi network.
- For devices with SIM card slots, install SIM card provided by your carrier.
- Your previous device or a backup of your device, if you're transferring your data to your new device.

### Initial setup

This device has an easy setup process to help you get going when you first turn on your device. You can follow the onscreen setup instructions manually.

 After the initial setup, additional changes can be made in **Settings**.

1. Press and hold the Power button until you see the Lenovo logo. You will see **Hi there** on the screen.
  - **Choose your language:** Tap and select your language from the language list.
  - **Vision settings:** Tap  to customize the size of the display and text, and enable **Magnification** to improve screen visibility. Enable **Select to Speak** or **TalkBack** to make your device easier to use without the screen.
2. Tap **Start**.
3. Read and accept the service agreements, then tap **Next**.
4. Connect to Wi-Fi network or mobile network (if your device supports it).
  - Tap a network, and enter a password if required.
  - Tap **Add new network**, then type a Wi-Fi network name manually

and enter a password if required.

- Tap **Use mobile network for setup** to activate mobile network service on your device.

📌 If you set up offline, you need to manually set the time and date in the next step.

5. Transfer apps and data from your previous device to the new device.

You can transfer many of your apps, settings, and content from your previous device directly to your new device.

Bring the two devices close together, then follow the onscreen instructions.

6. Sign in to Google account and manage Google services.

7. Check privacy settings.

8. Select one of the following screen unlock methods to increase your device security. Follow the onscreen instructions to set a screen unlock method.

- Password
- Face recognition

📌 Before enabling face-recognition, you need to create a pattern, PIN, or password. You can also tap **Skip** to set up later in **Settings > Biometrics & passwords**.

9. Select your preferred navigation mode.

- **Gesture navigation**

Operate your device by gestures. Refer to “**Learn about gestures**” for details.

- **3-button navigation**

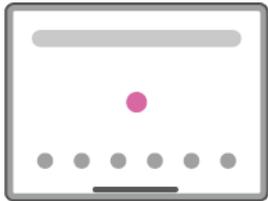
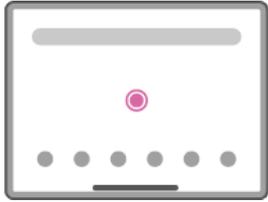
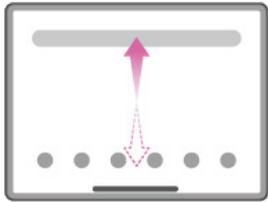
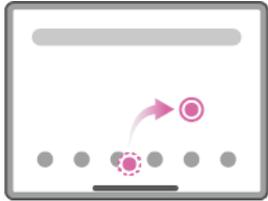
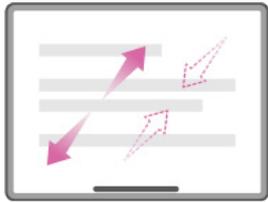
Three buttons will appear on the navigation bar at the bottom of the screen.

Button	Description
	<ul style="list-style-type: none"><li>• Go back</li></ul> Returning to the previous menu or exiting an app.
	<ul style="list-style-type: none"><li>• Home</li></ul> Returning to the home screen.
	<ul style="list-style-type: none"><li>• Switch apps</li></ul> Viewing the open apps.

10. Tap **Get started**, you can get started on your device.

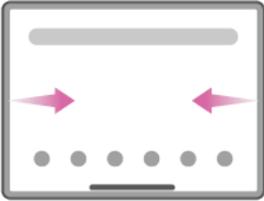
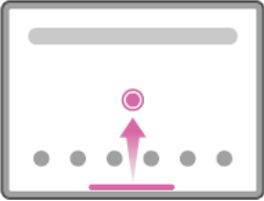
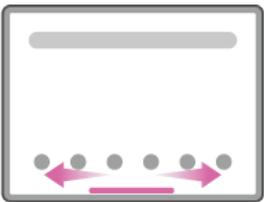
## Learn about gestures

### Basic gestures

 A diagram of a mobile device screen with a home indicator bar at the bottom and a dock of five app icons. A pink dot is positioned directly above the second icon from the left, representing a tap gesture.	<p>Tap</p> <ul style="list-style-type: none"><li>• Selecting or opening an item.</li></ul>
 A diagram of a mobile device screen with a home indicator bar at the bottom and a dock of five app icons. A pink circle with a dot in the center is positioned above the second icon from the left, representing a press and hold gesture.	<p>Press and hold</p> <ul style="list-style-type: none"><li>• Accessing frequently used functions of the app.</li><li>• Customizing your home screen.</li></ul>
 A diagram of a mobile device screen with a home indicator bar at the bottom and a dock of five app icons. A pink arrow points upwards from the dock area towards the top of the screen, representing a swipe-up gesture.	<p>Swipe</p> <ul style="list-style-type: none"><li>• Swiping up to open the list of all apps.</li><li>• Swiping down to open the Notifications panel.</li><li>• Swiping down twice to open the Quick settings panel.</li></ul>
 A diagram of a mobile device screen with a home indicator bar at the bottom and a dock of five app icons. A pink arrow points from the second icon from the left to the right, representing a hold and drag gesture.	<p>Hold and drag</p> <ul style="list-style-type: none"><li>• Moving an app to where you want to place it.</li></ul>
 A diagram of a mobile device screen with a home indicator bar at the bottom and several horizontal lines representing text or content. Two pink arrows point outwards from a central point, representing a spread gesture. Two other pink arrows point inwards towards a central point, representing a pinch gesture.	<p>Spread and pinch</p> <ul style="list-style-type: none"><li>• Zooming in and out on websites, photos, maps, or other items.</li></ul>

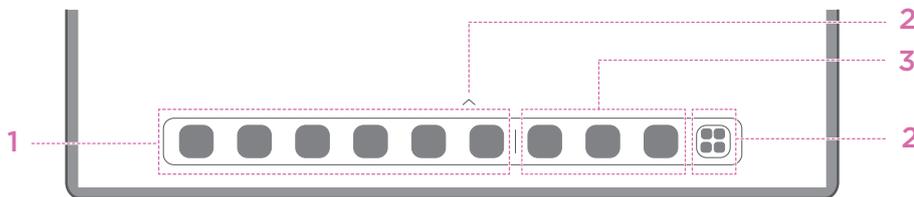
## More gestures

The following gestures are only available for the **Gesture navigation** style. To change the navigation style, go to **Settings > General settings > System navigation**.

	<p>Swipe up from the bottom edge.</p> <ul style="list-style-type: none"><li>• Returning to the home screen.</li></ul>
	<p>Swipe from the left or right edge.</p> <ul style="list-style-type: none"><li>• Switching to the previous page.</li></ul>
	<p>Swipe up from the bottom edge and hold.</p> <ul style="list-style-type: none"><li>• Viewing the open apps.</li></ul>
	<p>Swipe left or right at the bottom edge.</p> <ul style="list-style-type: none"><li>• Switching between open apps.</li></ul>

# Customize your home screen

The home screen is the starting point for using your device. For your convenience, the home screen is already set up with some useful apps and widgets.



No.	Function	Description
1	Taskbar	Add apps to the taskbar.
2	All applications	<ul style="list-style-type: none"><li>△: Swipe up to view all apps.</li><li>☐: Tap to view all apps.</li></ul>
3	Most recently used applications	Display apps that have been used recently.

You can customize your home screen in the following ways.

## Home settings

Press and hold anywhere on the home screen except the icons, and tap **Home settings** to customize your device in the following ways.

- Swipe right to open Entertainment Space from the home screen.
- Select a preferred desktop style.
- Select a preferred home screen layout.
- Show notification dots on app icons.
- Show tips near the app name after updating.
- Recommend system apps in drawer.

## Widgets

You can add a widget on your home screen. Widgets provide you with quick-views of the calendar events information, mails, maps, and more.

1. Press and hold anywhere on the home screen except the icons, tap **Widgets**, and select a widget you want to add.
2. Press and drag the widget to where you want to place it.
3. Tap **Done**.

## Wallpaper

To set your wallpaper, do the following:

1. Press and hold anywhere on the home screen except the icons, tap **Personal customization**.
2. Select to set wallpaper.
  - **Dynamic wallpaper**  
Select an available dynamic wallpaper.
  - **Local albums**  
Select a photo. Tap  > **Use as** to set it as your wallpaper.
  - **Battery wallpaper**  
Set a Battery wallpaper on the lock screen displaying the power status: Full, Average, Low, or Charging.
  - **Exquisite wallpaper**  
Select an available high quality wallpaper for the screen and/or desktop.

 You can also go to **Settings > Personal customization** to set your wallpaper.

# Use your apps

## Search for an app

1. Tap  on the home screen or swipe up from the home screen to see a list of all apps.
2. Find an app directly or enter keywords in the search bar to search for an app.

## Move an app to another screen

Press and hold the app that you want to move, drag it to where you want to place it, and then release it.

## Manage the open apps

1. View a list of open apps using either of the following ways:
  - Swipe up from the bottom of the screen and hold.
  - Tap  at the bottom of the screen.
2. On the open app list screen, you can do the following:
  - Tap an app window to access the app.
  - Swipe an app window up to close the app.
  - Swipe an app window down to lock or unlock the app.
  - Press and hold an app window to view more actions.
  - Tap **Clear all** to stop all the apps.

## Uninstall an app

1. Press and hold an app icon.
2. Tap .
3. Tap **OK**.

 Some system apps are required by the device and cannot be uninstalled.

# Entertainment Space

Entertainment Space is a one-stop, personalized screen for all your favorite movies, shows, videos, games, and books.

## Open the Entertainment Space

Swipe right from the home screen or tap  on the left side of the home screen.

 Internet connection and Google account sign-in are necessary for using the Entertainment Space.

## Disable the Entertainment Space

Entertainment Space is enabled by default. Go to **Home settings** and disable **Swipe to access Entertainment Space**.

# Notifications and Quick settings

## Control center style

Go to **Settings > Notifications & control center > Control center style**, to set the style of the Notifications and Quick settings panels.

## Notifications panel

The Notifications panel informs you of new messages, USB connections, activities in progress such as file downloading, and more.

- To see notifications, swipe down from the top of the screen.
- To close the Notifications panel, swipe up from the bottom of the screen.
- To dismiss a notification, swipe left or right across the notification.
- To dismiss all notifications, tap  at the bottom of the Notifications panel.
- To manage notifications, tap **Manage** at the bottom of the Notifications panel, or go to **Settings > Notifications & control center**.

## Quick settings panel

The Quick settings panel provides quick access to device functions. Icons change colors when corresponding functions are enabled and disabled.

- To open the Quick settings panel, swipe down from the top of the screen twice.
- To close the Quick settings panel, swipe up from the bottom of the screen.
- To enable or disable a function, tap the function icon.
- Press and hold a function icon to open the function's setting screen (if provided).
- Tap  to switch accounts.
- Tap  to edit the Quick settings panel.
- Tap  to open **Settings**.
- Tap  to power off or restart your device.

## Factory reset, update and force shutdown

### Factory reset

Factory reset will erase all data from your device's internal storage. Please back up important data on the device before resetting your device.

1. Go to **Settings** > **General settings** > **Reset options** > **Erase all data (factory reset)**.
2. Tap **Erase all data** to reset the manufacturer's default settings.

### System update

Your device will prompt you to download and install updates when a new system version is available. You can also manually check for updates and set update methods.

1. Go to **Settings** > **About tablet** > **System update**, and tap **Check for updates**.
2. Tap **...** at the top right of the screen to enable or disable the automatic download and overnight upgrade features as needed.

 Download and install system updates from official sources only.

## Force shutdown

Press and hold the Power and Volume down buttons for about 8 seconds until the device turns off.

# Settings

## Wi-Fi

Connect your device to the internet by using an available Wi-Fi network.

1. Go to **Settings** > **Wi-Fi**, and turn on **Wi-Fi** to display a list of available networks.
2. Tap a network, and enter a password if required.
3. Tap **Connect**.

After the device is connected to a network,  will be displayed at the top of the screen.

## Mobile network

For devices, with SIM card slots, you can insert a SIM card and enable mobile network data access.

To set up Internet access through a mobile network, do the following:

1. Go to **Settings** > **Mobile network**.
  2. Open your mobile operator service and enable the mobile network.
-  You need a valid SIM card with a data service. If you don't have a SIM card, contact your carrier.

# VPN

VPNs are used within organizations to allow you to communicate private information securely over a non-private network. You may need to configure a VPN, for example, to access your work email. Ask the network administrator for the settings necessary to configure a VPN for your network.

1. Go to **Settings > More connections > VPN**.
2. Tap **+** to edit the VPN profile.
3. Tap **Save**.
4. Tap **i** to edit or forget the VPN.

# Bluetooth

You can pair your device to other Bluetooth-enabled devices, like Bluetooth headphones.

1. Go to **Settings > Bluetooth**, and enable **Bluetooth**.
2. Select a device name to match and connect.

After the device is connected to a Bluetooth device,  will be displayed at the top of the screen.

# Display

## Brightness

- **Manual adjustment**

Go to **Settings > Display**, and move the Brightness slider to adjust the screen brightness manually.

- **Automatic adjustment**

Go to **Settings > Display**, and enable **Adaptive brightness** to allow the screen to change brightness as lighting changes automatically.

## Reading mode

1. Go to **Settings > Display > Reading mode**, and turn on **Reading mode**.
2. Select a reading mode display effect.

## Eye protection and safety information

When eye protection is enabled, the screen will have an amber tint, which reduces blue light. This allows you to read or view the screen more comfortably in dimly lit environments.

1. Go to **Settings > Display > Eye protection mode**, and enable Eye protection.
2. Tap **Turn on at custom time** to customize your eye protection mode time.
3. Slide the Intensity slider to adjust the light as needed.

Please use the device in a well-lit area, and when using the device, keep it at a suitable distance from your eyes. To avoid eyestrain, take a break from looking at the screen after a period of time.

While concentrating on the performance capabilities of its screens, Lenovo also places importance on users' eye health. This product has received TÜV Rheinland's "Low Blue Light" certification and can be used with confidence. For further information, please visit <https://support.lenovo.com>.

## Biometrics and Passwords

Setting a lock screen is an effective way to increase device security.

1. Go to **Settings > Biometrics & passwords**.
2. To set screen lock, do any of the following:
  - **Passwords**  
Select Pattern, PIN or Password to increase your device security.
  - **Facial recognition**  
Face-recognition is set in combination with the pattern, PIN, or password as an alternate screen unlock method.
3. Follow the onscreen instructions to set up your device.

# One Vision

## Floating Window

The Floating window feature is used for handling temporary tasks without having to switch between apps.

To open Floating Window, do one of the following:

- Press and hold an app icon, then tap .
  - Open an app. At the bottom of the app, press and drag the page to  at the top of the screen, then release the page.
  - Open an app, then tap  $\dots >$  .
-  Go to **Settings > One Vision > Floating Window** to view more gestures to operate floating window.

## Split Screen

Split screen mode enables you to open apps on the screen and use them at the same time.

### Enable split screen mode

To open split screen, do one of the following:

#### - Method one:

1. In full-screen mode of the app, open the list of all apps.
2. Select the app you want to split, press and drag the app icon to the edge of the screen.

#### - Method two:

In full-screen mode of the app, tap  $\dots >$  .

#### - Method three:

1. Open the list of the open apps.
2. Press and hold an app window, and then tap .

 Not all applications support split screen mode.

## Manage the split screen

In split screen mode, you can do the following:

- **Adjust the split screen size**

Slide the  in the middle of the screens to adjust the split screen size.

- **Replace the second app**

Press and drag the app to the edge of the screen until the screen color turns grey.

- **Switch split screen to floating window**

Tap  at the top of the app and then tap .

## Exit split screen mode

- Slide the  to the edge of the screen.
- Tap  at the top of the app and then tap .

# Digital Wellbeing & parental controls

With **Digital Wellbeing & parental controls**, you can access real-time reports showing how much time you spend on your device. You can also set limits for what you want to manage.

Go to **Settings > Digital Wellbeing & parental controls**, and then set the related functions.

## Digital Wellbeing

- **Dashboard**

- View your screen time, notifications received and times opened.
- Set daily timers for most apps.

- **Bedtime mode**

- Customize the start and end times of bedtime mode.
- Set the time period during which the device will automatically activate Bedtime mode while charging.

- **Focus mode**

Select distracting apps, then tap **Turn on now** to pause distracting apps and hide their notifications.

- **Manage notifications**

Disable or enable notifications for specific apps.

- **Do Not Disturb**

Block notifications and avoid interruption when you need to concentrate.

- **Show icon in the app list**

Display the digital wellbeing icon in the list of all apps.

## Parental controls

- Tap **Set up parental controls** and follow the on screen instructions. You can connect your parent's device or your child's device using Google Family Link.
- After connecting the devices, a parent can manage mature content, website access, location services, and other settings on a child's device.

## Battery

Go to **Settings** > **Battery**, and you can check the battery usage and manage the battery.

### Battery Saver

Reduce power consumption by limiting background activity, visual effects, certain features, and some network connections.

### Charge optimization

Enable **Charging Protection** and **Battery Maintenance mode** to extend battery life.

**Charging Protection** prevents charging for extended periods, which exposes the battery to high temperatures and high voltage that may cause it to age faster. When the mode is enabled, power will eventually be maintained at 40% to 60% to extend battery life.

### Show battery percentage

Show or hide the battery percentage in the status bar.

## Detect battery drain

Smart detect the software and hardware that consume abnormal power.

Tap **Optimize All** to optimize battery consumption.

## Overdischarge protection

Switch off the device if it is under low battery condition and has not been used for a long time for better performance.

## Permission management

Some apps may require your permission for location or privacy data access to provide corresponding services. To manage app permissions, do any of the following methods:

- **Manage an individual app's permissions**

Press and hold an app, tap  to go to **App info** > **Permissions**. Check the permissions granted or denied to the app, and tap to modify the permission.

- **Manage permissions by category**

- **Location:** Go to **Settings** > **Location**, check the apps that access location, and tap an app to modify the permission.
- **Privacy:** Go to **Settings** > **Security & privacy** > **Privacy** > **Permission manager**, select a capability, check the apps that access the capability, and tap an app to modify the permission.

## Language

You can add frequently-used languages to your list and set your system language.

1. Go to **Settings** > **General settings** > **Languages & input** > **Languages**.
2. Tap **Add a language** and select the language that you want to add.
3. Tap **Change**.

 Set the system language by dragging  to the top of the list.

# Apps

## Camera

### Open Camera

Tap  on the home screen to open **Camera**.

 On some models, the app may not appear on the home screen. You can open the list of all apps and find the app.

### Camera settings

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

Icon	Description
	Switch to front camera or rear camera
	Take a photo
	Select photo size
	Turn HDR on and off
	Blur the background
	Apply beauty effects
	Select a filter and preview the effect
	Turn AI photo assistant on and off

Icon	Description
	Configure other camera settings
	Google Lens for translating, searching, and homework help.
	Record a video Tap <b>Video</b> to switch to the video mode before you can see this icon.

## Switch camera modes

- Video

Record videos.

- Photo

Take photos.

- Documents

Position the document in view of the camera and tap . The scanned document can be saved as PDF or JPG.

## View photos and videos

Photos and videos are stored in your device's internal storage. You can view your photos and videos by using the following methods.

- Tap the thumbnail when using the Camera app.
- Go to Photos.
- Go to Files.

## Files

Open the list of all apps. Tap  to open **Files**. You can view and manage files stored on your device, including images, videos, audio, and more.

## Browse files

Go to **Files** > **Browse**, and you can do the following:

- View recently stored files.
- View files by category.
- Tap Internal storage and view files by storage path.
- Tap  at the top right of the screen, and type in keywords to search for a file.

## Clean files

Go to **Files** > **Clean**, check the internal storage space and clean junk files.

## Share files

Go to **Files** > **Share**, and follow the onscreen prompts to quickly send or receive files.

## Google apps

Google apps are preinstalled on your device. You can visit [support.google.com](https://support.google.com) to learn more about Google apps. The apps can be also obtained from Google Play Store.

# Advanced features

## Multiple users

### Multi-User Preferences

There are three user types:

- **Owner:** An owner has full control over all user permissions and manages all user accounts.
- **Guest:** There is only one guest account. A guest has restricted access to the device.
- **New user:** There can be multiple standard user accounts.

### Creating new user accounts

Swipe down twice from the top of the screen.

Tap  > **Add user** to create a standard user account.

Or go to **Settings** > **General settings** > **Multiple users**.

- Tap **Add guest** to create a guest account.
- Tap **Add user**, and then enter User info to create a standard user account.

### Switching between user accounts

- On the home screen, swipe down twice from the top of the screen, and then tap  to switch between different user accounts.
- On the lock screen interface, tap , then select the user you want to switch to.
- Go to **Settings** > **General settings** > **Multiple users**, then select the user account you want to switch to.

## Deleting a user account

Swipe down from the top right corner of the screen. Tap  > **MORE SETTINGS**, select the account you want to delete, then tap **Delete user** to delete accounts. You can also go to **Settings** > **General settings** > **Multiple users** to delete accounts.

## PC mode

PC mode brings the classic PC desktop experience to your tablet and supports open applications in multi-windows. This mode makes your operation more intuitive and helps you multitask more efficiently.

Go to **Settings** > **Advanced features** > **PC mode** and enable **PC mode**.

## Key Mapping

Key Mapping allows you to operate applications by using multiple peripherals such as a keyboard, mouse, and controller.

Go to **Settings** > **Advanced features** > **Key Mapping** and enable **Key Mapping**. You can use Bluetooth to connect to your mouse, keyboard or controller.

# Accessibility features

The device supports connection to various assistive devices, such as refreshable braille displays and hearing aids. It is recommended that you purchase licensed devices to reduce compatibility issues.

## Visual Assistance

### TalkBack

TalkBack is an accessibility feature designed for blind or low-vision users. It enhances usability by providing spoken and touch feedback. When enabled, it outlines on-screen elements with audio cues, enabling navigation through dedicated TalkBack gestures instead of standard touch controls.

### Use TalkBack

To enable **TalkBack**, go to **Settings > Accessibility > TalkBack** and select **Use TalkBack**.

When you first turn on TalkBack, the TalkBack tutorial launches to introduce basic features.

To relaunch the TalkBack tutorial, go to **Settings > Accessibility > TalkBack > Settings > TalkBack tutorial**.

To enhance your user experience, it's recommended enabling **Display speech output**. Go to **Settings > Accessibility > TalkBack > Settings > Advanced settings > Developer settings** to enable it.

### TalkBack menu

The TalkBack menu offers frequently used settings and controls.

To open it, tap the screen with three fingers.

## Reading controls

To quickly modify reading controls, swipe left or right with three fingers. The menu shortcuts help you adjust settings, such as switching navigation from characters to words or changing TalkBack's speech rate.

## TalkBack settings

Go to **Settings > Accessibility > TalkBack > Settings** to view and customize additional options for a more personalized user experience.

## Audio

### Text-to-speech settings

You can select your preferred speech engine and language. Use the slider to adjust the speech rate and pitch.

### Verbosity

The system offers two default modes (High and Low), or you can select Custom to adjust settings based on your personal preferences.

### Sound

You can adjust the Accessibility volume and TalkBack speech rate by moving the sliders. You can also enable or disable the Sound feedback and Audio ducking.

To adjust speech and volume from any screen:

- **Announcement volume:** Hold 1 finger on the screen and press the volume up or volume down key.
- **Speech rate:** Swipe up or down with 3 fingers.

## Controls

### Customize focus

Enable **Thick borders** and pick a color to make TalkBack outlines more visible.

### Customize gestures

You can customize different functions for various gestures based on your usage habits.

Tap **Practice gestures** to display tips for using Talkback gestures.

## **Customize menus**

Customize TalkBack menus: Add or remove features from the TalkBack menu.

Customize reading controls: Add or remove features from the reading control menu.

## Braille

### **Braille keyboard**

A software keyboard that allows users to type in Braille by tapping combinations of dots on the screen. It supports both input and output in Braille, making digital communication more accessible for blind or visually impaired users.

### **Braille display**

A physical device that converts on-screen text into refreshable Braille characters. It enables tactile reading of digital content and often pairs with screen readers like TalkBack for comprehensive accessibility support.

## General

### **TalkBack tutorial**

A quick start tutorial to introduce TalkBack's basic features, including navigation, text editing, and more.

### **Advanced settings**

Advanced settings provide detailed control over accessibility features for a personalized experience.

### **Open TalkBack at the Play Store**

Navigate to the app store to download the latest version of TalkBack.

## Select to Speak

Select to Speak is an accessibility feature that reads aloud selected screen content. It is ideal for users who need occasional audio assistance.

The Select to Speak feature allows you to tap and swipe to read text, describe images, and analyze text using Optical Character Recognition (OCR).

 The Select to Speak feature requires an Internet connection.

## Enable Select to Speak

To enable **Select to Speak**, go to **Settings > Accessibility > Select to Speak > Select to Speak shortcut**.

## Use Select to Speak

Go to **Settings > Accessibility > Select to Speak > Settings** to view and customize additional options for a more personalized user experience.

## Read selected text aloud

Select to Speak supports reading text aloud on the screen and applications that support selected text.

 This feature works only on readable text, such as web page content.

Activate Select to Speak, then tap a specific item, such as text or an image, or drag your finger across the screen to select multiple items you want the Select to Speak feature to read aloud.

## Read in the background

You can continue using your device while Select to Speak reads in the background. For instance, you can switch to another app without interrupting the reading process.

 Read in the background is currently an experimental feature and may not be compatible with all mobile web browsers.

## Read text on images

Read text on images supports recognizing and reading aloud text embedded in images or photos.

 Read text on images is currently an experimental feature.

## Display size and text

Go to **Settings > Accessibility > Display size and text** to adjust the font size and display size for improved usability.

Move the slider left or right to adjust the display and font size until you reach your preferred setting.

 You can preview changes to your display and font sizes after adjusting each slider to your preferred settings.

Tap **Reset settings** to restore your display size and text to the original settings.

## Bold text

Enable **Bold text** to apply a bold font system-wide for improved readability.

 Some apps or scenarios may not support this feature.

## High contrast text

High contrast can make text easier to read on your device by adjusting the text color to either black or white, depending on the original color.

 Some apps or scenarios may not support this feature.

## Color and motion

Go to **Settings > Accessibility > Color and motion** to explore more features for changing system colors.

## Color correction

For more accurate color display or to reduce color clutter, go to **Color correction** and enable **Use color correction**. Supported modes include:

- Red-green (Green week, deuteranomaly)
- Red-green (Red week, protanomaly)
- Blue-yellow (Tritanomaly)
- Grayscale

## Color inversion and Dark theme

You can change your display to a dark background by using Color inversion or Dark theme.

**Color inversion** reverses the color on the screen, and applies to all apps, including media and images.

**Dark theme** also reverses the colors on the screen, but does not alter the colors in media, such as videos.

You can set the time when the system changes from one color setting to another.

## Remove animations

Disabling animations reduces distractions and improves focus.

## Large mouse pointer

When you connect a mouse to your device, enabling the Large mouse pointer option can make the pointer more noticeable.

## Extra dim

You can dim your screen beyond your device's minimum brightness to make it more comfortable to read.

1. Go to **Settings > Accessibility > Extra dim**, and turn on **Make screen extra dim**.
2. Slide the Intensity slider to adjust the brightness as needed.

## Magnification

You can zoom in or magnify the screen content to see your device more clearly.

1. Go to **Settings > Accessibility > Magnification**.
2. Select your preferred Magnification type.
  - Magnify full screen
  - Magnify part of screen
  - Switch between full and partial screen

## Use Magnification

1. Use the Magnification shortcut to start magnification.
  - 🔗 You can tap  or  in the lower-right corner of the screen to customize the settings.
2. Tap the screen.
3. Drag with two fingers to pan across the screen. Pinch with two fingers to zoom in and out of the screen.
4. Use the Magnification shortcut to stop magnification.

**Magnify typing:** The magnifier will follow the text as you type.

**Keep on while switching apps:** The magnifier stays on and zooms out when you switch apps.

## Auditory Assistance

### Live Caption

Live Caption can detect speech on your device and automatically generates captions.

Go to **Settings > Accessibility > Live Caption** to enable this feature.

### Caption preferences

Go to **Settings > Accessibility > Caption preferences** to customize the caption size and style, making them easier to read.

You can choose to show or hide the captions, adjust the text size and style, and tap **More options > Language** to change the caption language.

🔗 These caption preferences may not be supported by all media apps.

### Audio description

Enable **Audio description** to describe what's happening on screen in supported movies and shows.

 The Audio description feature requires an Internet connection.

## Hearing devices

Go to **Settings** > **Accessibility** > **Hearing devices** to set up your hearing aid device.

For devices that support ASHA (Audio Streaming for Hearing Aids) and LE (Low Energy) Audio:

1. Tap **Pair new device**.
2. Select a device name to match and connect.

For devices that don't support ASHA and LE Audio:

1. Tap **Pair new device** > **See more devices**.
2. Select a device name to match and connect.

 Before starting, please confirm your hearing aid device is turned on and ready to pair.

## Audio adjustment

The Audio adjustment option lets you combine channels when playing audio.

To enable **Mono audio**, go to **Settings** > **Accessibility** > **Audio adjustment**. Move the slider to adjust audio balance.

## Real-time text (RTT)

Real-time text (RTT) enables text-based communication during phone calls. As you type, your messages are transmitted instantly, allowing the recipient to read them in real-time.

1. Open the **Phone** app.
2. Tap  > **Settings** > **Accessibility** to enable **Real-time text (RTT) call**.

# Mobility Assistance

## Switch Access

Switch Access can help you control your device if it's difficult to interact directly with the touchscreen. It scans the items on your screen, highlighting each item in turn until you make a selection. A switch, such as a keyboard or a large button, can be externally connected to your device.

Go to **Settings > Accessibility > Switch Access** to enable **Use Switch Access**. Follow the on-screen instructions to connect.

 Go to **Settings > Accessibility > Switch Access > Settings** to view more options for Switch Access.

## Sticky keys/Bounce keys/Slow keys

### Sticky keys

You can enable or trigger the shortcuts by pressing the keys individually, instead of holding them down together.

Press a key once to “lock” it, then press another key to complete the shortcut.

### Bounce keys

Enable Bounce keys to ignore quickly repeated keystrokes within 500 milliseconds caused by unintentional presses or tremors.

### Slow keys

Slow keys will adjust the activation time for a key press to 500 milliseconds, reducing errors from accidental touches.

## Accessibility shortcuts

Accessibility shortcuts provide a quick way to turn on accessibility features or switch between them.

Go to **Settings > Accessibility > Accessibility shortcuts > Accessibility button & gesture** to enable and view more settings.

## Accessibility button & gesture

Tap **Use button or gesture** to choose whether to use a button or a gesture to activate the accessibility features.

If you choose **Button**, an icon will appear on the side of the screen. You can tap the icon to quickly activate the corresponding feature. You can adjust the size and transparency of the icon on the same page.

If you choose **Gesture**, you can activate the feature by swiping up with two fingers from the bottom of your screen.

 The **Gesture** is only available for the Gesture navigation style.

To change the navigation style, go to **Settings > Accessibility > System controls > Navigation mode**.

Icon	Features
	TalkBack
	Select to Speak
	Color Correction
	Color Inversion
	Extra dim
	Magnification
	Hearing devices
	Switch Access
	Accessibility Menu

Some accessibility features can be enabled using the following methods:

- **Quick Settings**

After enabling Quick Settings, the feature will appear in the Quick Settings panel, allowing you to turn it on or off quickly.

- **Volume keys**

After enabling Volume keys, the accessibility feature can be activated by pressing and holding both volume keys.

## Shortcut from lock screen

Enabling this feature allows you to turn on the feature shortcut from the lock screen. You can activate it by pressing both Volume keys simultaneously.

# Learning and Cognitive Assistance

## Timing controls

### Touch & hold delay

This setting adjusts the duration before a screen tap is recognized as a touch and hold. A longer touch-and-hold delay means you need to keep your finger in place for a longer period before the tap is registered as a touch-and-hold.

To adjust the touch and hold delay, do the following:

1. Go to **Settings > Accessibility > Timing controls > Touch & hold delay**.
2. Select your preferred mode.

### Time to take action (Accessibility timeout)

You can customize how long temporary action messages are displayed on your screen.

1. Go to **Settings > Accessibility > Timing controls > Time to take action (Accessibility timeout)**.
2. Select your preferred timeout settings.

 This feature may not be supported by all apps.

## Autoclick (dwell timing)

If you use your device with a mouse, you can set the cursor to take action automatically when it stops moving for a certain amount of time.

1. Go to **Settings > Accessibility > Timing controls > Autoclick (dwell timing)**.
2. Select your preferred amount of time between when you stop moving the mouse and when the automatic click occurs.

## System controls

1. Go to **Settings > Accessibility > System controls**.
2. Select your preferred navigation mode. Refer to **Initial setup** for details.
3. Enable **Auto-rotate screen** to rotate your device automatically between portrait and landscape orientations.

# Appendix

## Important notice for QUEBEC consumers

In regard to section 79.18 of Quebec's Regulation respecting the application of the Consumer Protection Act, Lenovo in no way guarantees the availability of (a) replacement parts; (b) repair services; and (c) information necessary to maintain or repair the goods. For up-to-date information on the technical support and parts available for your purchase, please consult <https://support.lenovo.com/ca/en>.

## Important safety and handling information

To avoid personal injury, property damage, or accidental damage to the product, read all of the information in this section before using the product. For additional tips to help you operate your device safely, go to <http://www.lenovo.com/safety>.

### Handle your device with care

Do not drop, bend, or puncture your device; do not insert foreign objects into or place heavy objects on your device. Sensitive components inside might become damaged.

Your device screen is made of glass. The glass might break if the device is dropped on a hard surface, is subjected to a high impact, or is crushed by a heavy object. If the glass chips or cracks, do not touch the broken glass or attempt to remove it from the device. Stop using the device immediately and contact Lenovo technical support for repair, replacement, or disposal information.

When using your device, keep it away from hot or high-voltage environments, such as electrical appliances, electrical heating equipment, or electrical cooking equipment. Use your device only in the temperature range

of 0°C (32°F) to 40°C (104°F) (storage -20°C (-4°F) to 60°C (140°F)) to avoid damage.

Don't expose your device to water, rain, extreme humidity, sweat or other liquids.

## Do not disassemble or modify your device

Your device is a sealed unit. There are no end-user serviceable parts inside. All internal repairs must be done by a Lenovo-authorized repair facility or a Lenovo-authorized technician. Attempting to open or modify your device will void the warranty.

## Built-in rechargeable battery notice

Do not attempt to replace the internal rechargeable lithium ion battery. There is a risk of explosion if the battery is replaced with an incorrect type. Contact Lenovo Support for replacement.

## Plastic bag notice

### **DANGER**

Plastic bags can be dangerous. Keep plastic bags away from babies and children to avoid danger of suffocation.

## Adapter information

- Prevent your device and AC adapter from getting wet.

Do not immerse your device in water or leave your device in a location where it can come into contact with water or other liquids.

- Use approved charging methods only.

 Please only use standard Lenovo power adapters. The use of third-party power adapters will affect the charging speed, resulting in abnormal charging and potential damage to the equipment.

- Connect a standard power adapter to a suitable power outlet.
- Use a standard data cable to connect the device to a PC or a device that complies with USB 2.0 or higher.

Charging devices might become warm during normal use. Ensure that you have adequate ventilation around the charging device. Unplug the charging device if any of the following occurs:

- The charging device has been exposed to rain, liquid, or excessive moisture.
- The charging device shows signs of physical damage.
- You want to clean the charging device.

## **WARNING**

Lenovo is not responsible for the performance or safety of products not manufactured or approved by Lenovo. Use only approved Lenovo ac adapters and batteries.

## EU ErP (EcoDesign) Directive (2009/125/EC) - external power adapters (Regulation (EU) 2019/1782)

## Ecodesign for Energy-Related Products Regulations 2010 - UK SI 2010 No. 2617 (Ext PSU), SI 2020 No. 485 (Ntwk Standby), SI 2014 No. 1290 as amended

Lenovo products are in compliance with the EU EcoDesign (ErP) Directive & UK EcoDesign for Energy-related Products Regulations. Refer to the following for details:

For EU, refer to the system declaration

<https://www.lenovo.com/us/en/compliance/eu-doc>, and for UK refer to the system declaration <https://www.lenovo.com/us/en/compliance/uk-doc>.

## Caution about high volume usage

### **WARNING**

Exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the sound, the less time is required before your hearing could be affected.

To protect your hearing:

- Limit the amount of time you use headsets or headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears or muffled speech, you should stop listening to the device through your headset or headphones and have your hearing checked.



To prevent possible hearing damage, do not listen at high volume levels for long periods.

## Take care when using your device in a motor vehicle or on a bicycle

Always prioritize your safety and the safety of others. Follow the law. Local laws and regulations might govern how you can use mobile electronic devices, such as your device, while you drive a motor vehicle or ride a bicycle.

## Dispose according to local laws and regulations

When your device reaches the end of its useful life, do not crush, incinerate, immerse in water, or dispose of your device in any manner contrary to local laws and regulations. Some internal parts contain substances that can explode, leak, or have adverse environmental effects if disposed of incorrectly.

See “Environmental, recycling, and disposal information” for additional information.

## Keep your device and accessories away from small children

Your device contains small parts that can be a choking hazard to small children. Additionally, the glass screen can break or crack if dropped on or thrown against a hard surface.

## Protect your data and software

Do not delete unknown files or change the name of files or directories that were not created by you. Otherwise, your device software might fail to work.

Be aware that accessing network resources can leave your device vulnerable to computer viruses, hackers, spyware, and other malicious activities that might damage your device, software, or data. It is your responsibility to ensure that you have adequate protection in the form of firewalls, antivirus software, and anti-spyware software and keep such software up to date.

Keep electrical appliances away from your device. These include electric fans, radios, high-powered speakers, air-conditioners, and microwave ovens. The strong magnetic fields generated by electrical appliances can damage the screen and the data on the device.

## Be aware of heat generated by your device

When your device is turned on or the battery is charging, some parts might become hot. The temperature that they reach depends on the amount of system activity and the battery charge level. Extended contact with your body, even through clothing, could cause discomfort or even a skin burn. Avoid keeping your hands, your lap, or any other part of your body in contact with a hot section of the device for any extended time.

## Electronic emission notices

### FCC Compliance Statement

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 to an outlet on a circuit different from that to which the receiver is connected.

- Consult an authorized dealer or service representative for help.

Lenovo is not responsible for any radio or television interference caused by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

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.

Responsible Party:

Lenovo (United States) Incorporated

1009 Think Place - Building One

Morrisville, NC 27560

Telephone: 1-919-294-5900

## ISED Caution

This device complies with Innovation, Science and Economic Development Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

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

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## Japanese VCCI Class B statement

この装置は、クラス B 情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取扱説明書に従って正しい取り扱いをして下さい。VCCI-B

## Japan compliance statement for products that connect to power mains rated at less than or equal to 20A per phase

日本の定格電流が 20A/ 相以下の機器に対する高調波電流規制

高調波電流規格 JIS C 61000-3-2 適合品

## Environmental, recycling, and disposal information

### General recycling statement

Lenovo encourages owners of information technology (IT) equipment to responsibly recycle their equipment when it is no longer needed. Lenovo offers a variety of programs and services to assist equipment owners in recycling their IT products. For information on recycling Lenovo products, go to <http://www.lenovo.com/recycling>.

### Important battery and WEEE information

Take back and recycling information for WEEE and batteries/accumulators in the European Union and the United Kingdom



The crossed-out wheeled bin marking applies only to countries with WEEE and batteries waste regulations within the European Union (EU), and United Kingdom (UK).

Appliances and batteries/accumulators are labeled in accordance with local regulations concerning waste electrical and electronic equipment (WEEE) and waste batteries and waste accumulators. These regulations determine the framework for the return and recycling of used appliances and used batteries/accumulators as applicable within each geography. This label is applied to various products to indicate that the product is not to be thrown away, but rather put in the established collection systems for reclaiming these end of life products.

The label on the battery may also include a chemical symbol for the metal concerned in the battery (Pb for lead, Hg for mercury, and Cd for cadmium).

Users of electrical and electronic equipment (EEE) and users of batteries/accumulators with the crossed-out wheeled bin marking must not dispose of end of life products as unsorted municipal waste, but use the collection framework available to them for the return, recycle, and recovery of WEEE and waste batteries/accumulators and to minimize any potential effects of EEE and batteries on the environment and human health due to the presence of hazardous substances.

Lenovo electrical and electronic equipment (EEE) may contain parts and components, which at end-of-life might qualify as hazardous waste.

EEE and waste electrical and electronic equipment (WEEE) can be delivered free of charge to the place of sale or any distributor that sells electrical and electronic equipment of the same nature and function as the used EEE or WEEE.

Before placing electrical and electronic equipment (EEE) in the waste collection stream or in waste collection facilities, the end user of equipment containing batteries and/or accumulators must remove those batteries and accumulators for separate collection.

Dispose of lithium batteries and battery packs from Lenovo products:

A coin-cell type lithium battery might be installed inside your Lenovo product. You can find details about the battery in the product documentation. If the battery needs to be replaced, contact your place of purchase or contact Lenovo for service. If you need to dispose of a lithium battery, insulate it with vinyl tape, contact your place of purchase or a waste-disposal operator, and follow their instructions.

Your Lenovo device might contain a lithium-ion battery pack or a nickel metal hydride battery pack. You can find details on the battery pack in the product documentation. If you need to dispose of a battery pack, insulate it with vinyl tape, contact Lenovo sales, service, or your place of purchase, or a waste-disposal operator, and follow their instructions. You also can refer to the instructions provided in the *user guide* for your product.

For proper collection and treatment, go to:

<https://www.lenovo.com/environment>.

For additional WEEE information, go to: <https://www.lenovo.com/recycling>.

## Battery recycling information for Brazil

### Declarações de Reciclagem no Brasil

Descarte de um Produto Lenovo Fora de Uso Equipamentos elétricos e eletrônicos não devem ser descartados em lixo comum, mas enviados à pontos de coleta, autorizados pelo fabricante do produto para que sejam encaminhados e processados por empresas especializadas no manuseio de resíduos industriais, devidamente certificadas pelos órgãos ambientais, de acordo com a legislação local. A Lenovo possui um canal específico para auxiliá-lo no descarte desses produtos. Caso você possua um produto Lenovo em situação de descarte, ligue para o nosso SAC ou encaminhe um e-mail para: [reciclar@lenovo.com](mailto:reciclar@lenovo.com), informando o modelo, número de série e cidade, a fim de enviarmos as instruções para o correto descarte do seu produto Lenovo.

## Recycling information for Japan

Recycling and disposal information for Japan is available at <http://www.lenovo.com/recycling/japan>.

## Recycling information for India

Recycling and disposal information for India is available at [https://www.lenovo.com/in/en/social\\_responsibility/sustainability/ptb\\_india.html](https://www.lenovo.com/in/en/social_responsibility/sustainability/ptb_india.html).

## Battery recycling marks

- The battery recycling information of Taiwan



- Battery recycling information for the United States and Canada



US & Canada Only

# ENERGY STAR model information



ENERGY STAR® is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy aimed at saving money and protecting the environment through energy efficient products and practices.

Lenovo is proud to offer our customers products with the ENERGY STAR qualified designation. You might find an ENERGY STAR mark affixed on the computer or displayed on the power settings interface. Lenovo tablets of the following model name, if carry an ENERGY STAR mark, have been designed and tested to conform to the ENERGY STAR program requirements for tablets.

TB311XU TB311FU

By using ENERGY STAR qualified products and taking advantage of the power-management features of the tablet, you can help reduce the consumption of electricity. Reduced electrical consumption can contribute to potential financial savings, a cleaner environment, and the reduction of greenhouse gas emissions.

For more information about ENERGY STAR, go to <http://www.energystar.gov>.

Lenovo encourages you to make efficient use of energy an integral part of your day-to-day operations. To help in this endeavor, Lenovo has preset the following power-management features to take effect when the computer has been inactive for a specified length of time:

Power plan: Default

Turn off the display: After 30 seconds.

Press the power button to turn on the display.

The Wake on LAN function: NA

## Export classification notice

This product is subject to the United States Export Administration Regulations (EAR) and has an Export Classification Control Number (ECCN) of 5A992.c. It can be re-exported except to any of the embargoed countries in the EAR E1 country list.

## Dolby certification

Dolby, Dolby Atmos, and the double-D symbol are registered trademarks of Dolby Laboratories Licensing Corporation. Manufactured under license from Dolby Laboratories. Confidential unpublished works. Copyright © 2012-2024 Dolby Laboratories. All rights reserved.

## HEVC Standard

This product supports digital video coding under certain versions of HEVC standard and is covered by patents at [patentlist.accessadvance.com](https://patentlist.accessadvance.com).

