

User Guide



Legion Go (8.8", Gen 2)

Read this first

Before using this documentation and the product it supports, ensure that you read and understand the following:

- [Generic Safety and Compliance Notices](#)
- *Safety and Warranty Guide*
- *Setup Guide*

First Edition (March 2025)

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About this guide

- This guide applies to the Lenovo product model(s) listed below. Illustrations in this guide may look slightly different from your product model.

Table 1. Product model name and machine type

Model name	Machine type (MT)
– Legion Go 8ASP2 – Lenovo Legion Go 8ASP2 1	83N0
– Legion Go 8AHP2 – Lenovo Legion Go 8AHP2 1	83N1

Attention: This product is not intended for use by anyone under the age of 14.

- For further compliance information, refer to the *Generic Safety and Compliance Notices* at https://pcsupport.lenovo.com/docs/generic_notices.
- This guide may contain information about accessories, features, and software that are not available on all models.
- This guide contains instructions that are based on the Windows® operating system. These instructions are not applicable if you install and use other operating systems.
- Microsoft® makes periodic feature changes to the Windows operating system through Windows Update. As a result, the operating system instructions in this guide may become outdated. Refer to Microsoft resources for the latest information.
- The content of the guide is subject to change without notice. To obtain the latest version, go to <https://pcsupport.lenovo.com>.
- When you open <https://pcsupport.lenovo.com> or <https://support.lenovo.com>, change the country or region from the top bar.

Chapter 1. Meet your Legion Go

What is Legion Go

Legion Go is a console developed by Lenovo, which can be used for entertainment, work, or study. In this guide, Legion Go (hereinafter referred to as the “console”) refers to the combination of the tablet and two controllers.

Attention: This product is not intended for use by anyone under the age of 14.



Figure 1. Simple Diagram of Legion Go

Table 2. Components of Legion Go

No.	Description
1	Left controller (Legion Go Controller L)
2	Tablet
3	Right controller (Legion Go Controller R)

Front view

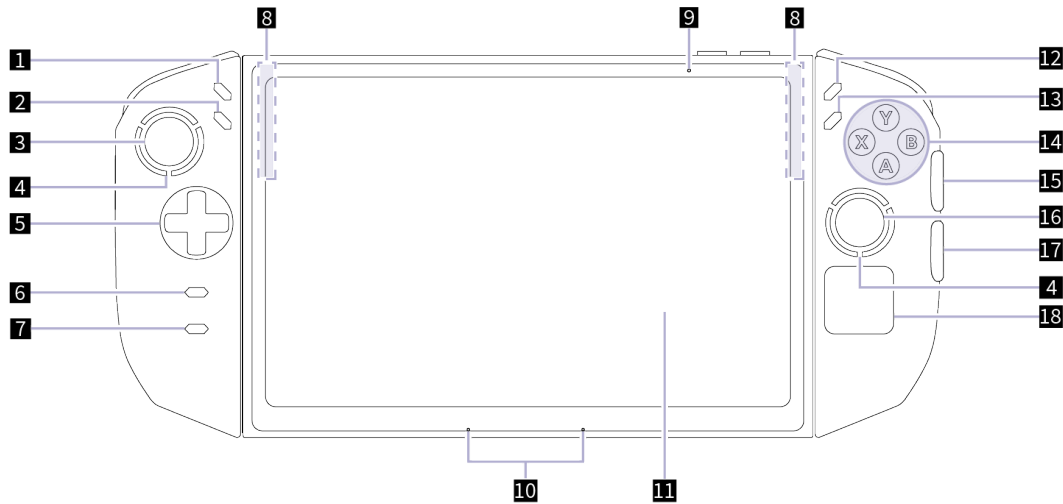


Figure 2. Front view of Legion Go

Table 3. Components seen from the front view

No.	Description
1	Legion L
2	View button
3	Left joystick/LS
4	Joystick light
5	D-pad
6	Desktop button
7	Page button
8	Antennas
9	Ambient light sensor
10	Microphones
11	Screen
12	Legion R
13	Menu button
14	ABXY buttons
15	M1 button
16	Right joystick/RS
17	M2 button
18	Touchpad

Controls seen from the front view

The Legion L, View, left joystick/LS, D-pad, Desktop, Page, Legion R, Menu, ABXY, and right joystick/RS controls are visible at the front of the console and perform different functions in different games. You can find their function descriptions in the controls guide of a specific Legion Go game.

The left joystick and the right joystick are used to interact with games, apps, and the console interface. You can use a joystick to move an object on the screen in any direction. When you press down on a joystick, it can also function as a clickable button and it is then named LS/RS.

The D-pad is a directional pad that allows you to indicate four directions—up, down, left, and right.

Controller state light

When the controller is attached to the tablet or is connecting to the tablet using a wireless connection, the controller state light turns amber to indicate the power state.

Table 4. Controller state light status and battery charge level

Light status	Battery charge level
Blinking fast	10%–12%
Blinking fast for 5 seconds	13%–30%
Blinking slow for 5 seconds	31%–89%
Solid on for 5 seconds	90%–100%

Antennas

The antennas transmit and receive radio waves to allow data to be transferred between your console and a Wi-Fi network device or a Bluetooth device.

Note: The antennas are hidden inside the console.

Ambient light sensor

The ambient light sensor detects and measures the intensity of light in the user's environment. The data collected by this sensor can be used to enable adaptive brightness for the console's built-in display.

Microphones

The microphones are built-in sound input devices. They capture your voice and ambient sound and convert them into digital form. Microphones are essential components when you use your console for video conferencing or voice recording.

Screen

The screen of the built-in display is where text, graphics, and videos are displayed.

The screen is touch-enabled, allowing you to interact with your console by intuitively touching buttons, icons, and menu items displayed on the screen. Touch-enabled screens also support multi-finger gestures.

Touchpad

The touchpad is the console's built-in pointing device, which provides the basic functionality of an external mouse. Slide your finger on the touchpad to move the pointer on the screen and tap or double-tap to select or execute a screen item.

Back view

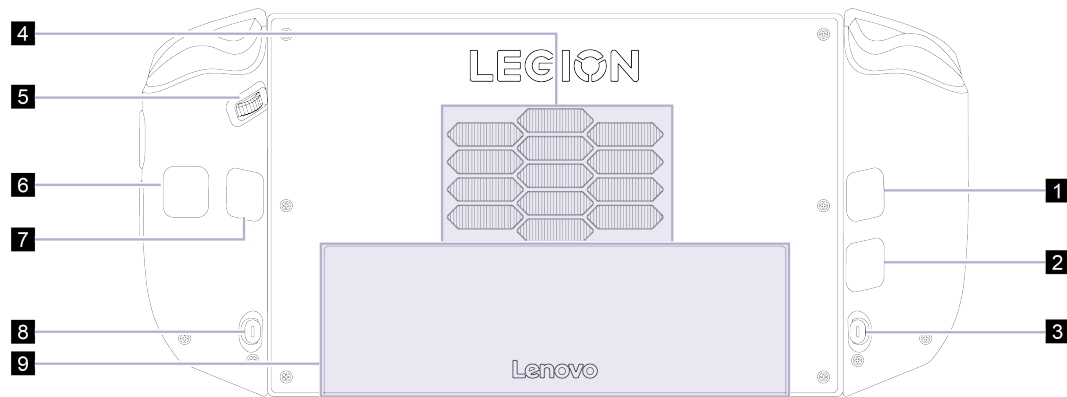


Figure 3. Back view of Legion Go

Table 5. Components seen from the back view

No.	Description
1	Y1 button
2	Y2 button
3	Release button for the left controller
4	Air vents (intake)
5	Mouse wheel
6	M3 button
7	Y3 button
8	Release button for the right controller
9	Kickstand

Controls seen from the back view

The Y1, Y2, Y3, and M3 controls are visible at the back of the console and perform different functions in different games. You can find their function descriptions in the controls guide of a specific Legion Go game.

Release buttons

The release button at the back of each controller is used to detach the controller from the tablet.

For instructions on detaching the controllers, see “Detach the controllers from the tablet” on page 26.

Air vents (intake)

The air vents allow air to be sucked into the console to cool the internal components.

Important: When the console is operating, do not place it flat on a bed, sofa, carpet, or other flexible surfaces. Otherwise, the air vents will be blocked, and the console may overheat, reducing performance or causing the console to be unresponsive or even shut down.

Kickstand

The kickstand can rotate up to 120 degrees to prop the console up, which provides a hands-free solution.

Mouse wheel

The mouse wheel is used to scroll through web pages or to zoom in and out when browsing maps.

Top view

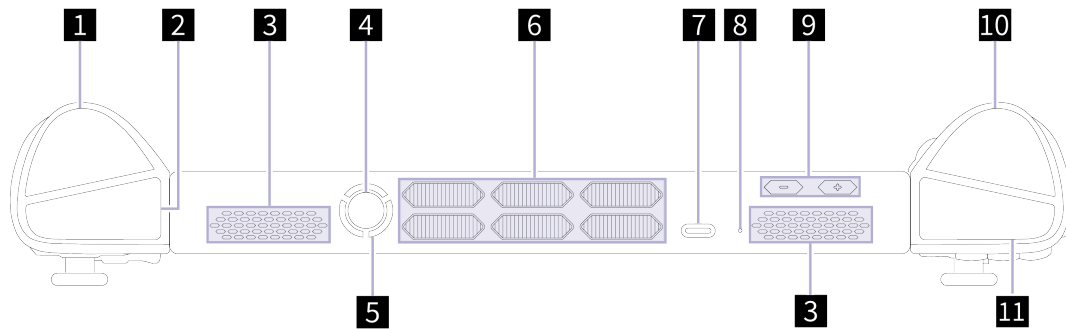


Figure 4. Top view of Legion Go

Table 6. Components seen from the top view

No.	Description
1	LT button
2	LB button
3	Speakers
4	Power button
5	Power light
6	Air vents (outlet)
7	Multi-purpose USB Type-C connector
8	Charging light
9	Volume buttons
10	RT button
11	RB button

Controls seen from the top view

The controls that can be seen from the top view, including the LT, LB, RT, and RB buttons perform different functions in different games. You can find their function descriptions in the controls guide of a specific Legion Go game.

Speakers

The speakers are built-in sound output devices.

Power button

Press the power button to turn on your console.

Note: By default, on a Windows product, pressing the power button when the product is turned on will put it into sleep mode.

Power light

The power light indicates the current power state of the console: whether it is powered on, powered off, in sleep mode, or in hibernation mode.

Table 7. Power light status and description

Light status	Power state
Solid on	Powered on
Blinking slowly	In sleep mode
Off	Powered off or in hibernation mode

The color of the power light can indicate the active thermal mode.

Table 8. Power light color and the console's active thermal mode

Light color	Thermal mode
White	Balance mode
Blue	Quiet mode
Red	Performance mode
Purple	Custom mode

Air vents (outlet)

The air vents allow hot air to be discharged out of the console.

Important: When the console is operating, do not place it on a bed, sofa, carpet, or other flexible surfaces. Otherwise, the air vents will be blocked and the console may overheat, reducing performance or causing the console to be unresponsive or even shut down.

Multi-purpose USB Type-C connector

This USB Type-C® connector is the power input connector. Use the included power adapter and this connector to supply power to the console.

When this connector is not used by the included power adapter, it can also be used to connect:

- Storage or peripheral devices that follow the universal serial bus (USB) specification for data transfer and device interconnection
- Display devices

Note: When connecting display devices, you need to use appropriate cables and adapters (if needed) according to the connection capabilities of the display device.

Charging light

The charging light indicates whether the console is plugged into an electrical outlet. When the console is plugged into an electrical outlet, the color of the light indicates whether the battery is fully charged (or will shortly be fully charged).

Table 9. Charging light status and description

Light status	Plugged in?	Battery charge level
Off	No	/
On, amber	Yes	1%–90%
On, white	Yes	91%–100%

Volume buttons

The volume buttons are built-in volume controls. Press  to turn the volume down and press  to turn it up.

Bottom view

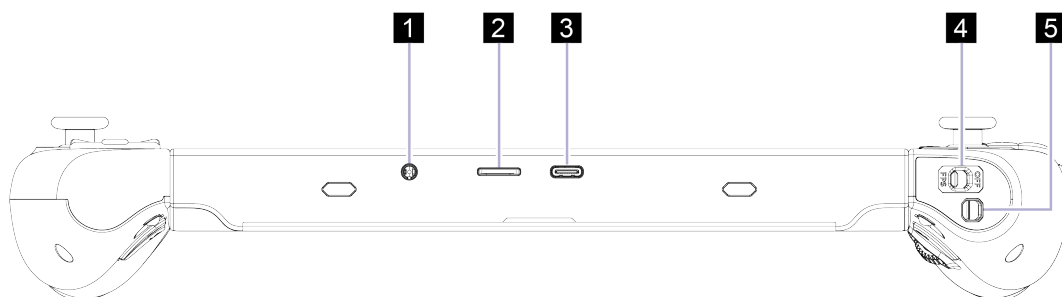


Figure 5. Bottom view of Legion Go

Table 10. Components seen from the bottom view

No.	Description
1	Combo audio jack
2	microSD card slot
3	Multi-purpose USB Type-C connector
4	FPS mode switch
5	Mouse sensor

Combo audio jack

The combo audio jack is used to connect single-plug headsets, headphones, or external speakers.

microSD card slot

The microSD card slot is used to insert a microSD, microSDHC, or microSDXC memory card to transfer data between the memory card and your console.

Multi-purpose USB Type-C connector

This USB Type-C® connector is the power input connector. Use the included power adapter and this connector to supply power to the console.

When this connector is not used by the included power adapter, it can also be used to connect:

- Storage or peripheral devices that follow the universal serial bus (USB) specification for data transfer and device interconnection
- Display devices

Note: When connecting display devices, you need to use appropriate cables and adapters (if needed) according to the connection capabilities of the display device.

FPS mode switch

The switch is used to turn FPS mode on or off. When it is toggled to the “FPS” position, FPS mode is enabled, which enhances your experience in playing First-Person Shooter games.

Mouse sensor

The mouse sensor translates your hand movements into the cursor movements on your screen.

Specifications for the tablet

Dimensions

Item	Value or specification
Length	206 mm
Width	136.7 mm
Thickness	22.95 mm

Display

Item	Value or specification
Type	OLED
Screen size (diagonal)	8.8 inches
Resolution	1920 × 1200
Supported refresh rates	• 60 Hz • 144 Hz
Brightness	500 nits

Connectors and slots

Item	Value or specification
Combo audio jack	• Diameter: 3.5 mm • Supported plug: – 3-pole, TRS – 4-pole, TRRS (CTIA and OMTP)
microSD card reader	• Quantity: 1 • Interface: UHS-II
Multi-purpose USB Type-C connector	• Quantity: 2 • Maximum power output: 5 V, 3 A • Supported signaling protocols: – USB 2.0 480 Mbps – SuperSpeed+ USB 10 Gbps – DisplayPort 2.0 – USB4 40 Gbps

ac power adapter

Item	Value or specification
Input	100 V ac–240 V ac, 50 Hz–60 Hz
Output voltage	20 V

Item	Value or specification
Maximum output current	3.25 A
Maximum output power	65 W

Rechargeable battery pack

Item	Value or specification
Capacity	74 Wh
Cell type	Rechargeable Li-ion Battery
Number of cells	4

Note: The battery capacity is the typical or average capacity as measured in a specific test environment. Capacities measured in other environments may differ but are no lower than the rated capacity (see product label).

Memory

Item	Value or specification
Type	LPDDR5X
Installation	Onboard

Mass storage device

Item	Value or specification
Type	Solid-state drive (SSD)
Slot type	M.2 (2242 or 2280)
Number of slots	1
Interface	PCIe Gen4

Networking

Item	Value or specification
Ethernet	2.4 Gbps
Wi-Fi®	Wi-Fi 6E or Wi-Fi 6 Note: Different Wi-Fi standards may operate on different frequency bands. In some countries or regions, certain frequency bands may be prohibited for unlicensed use or may require specific conditions.
Bluetooth®	Bluetooth 5.3

Note: Support of Bluetooth 5.3 may require a future operating system update.

Statement on USB transfer rate

Depending on many factors such as the processing capability of the host and peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and will be slower than the data rate listed below for each corresponding device.

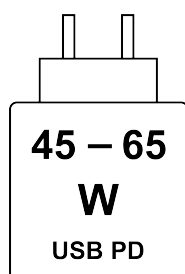
Table 11. USB device and the corresponding data rate

USB device	Data rate (Gbit/s)
USB 3.2 Gen 1	5
USB 3.2 Gen 2	10
USB4	40

Using a Power Delivery compliant USB Type-C charger with the console

Lenovo branded USB Type-C chargers with the following listed maximum rating are tested to work with the console. Chargers of other brands with the same ratings should also work but are not thoroughly tested.

- 20 V, 3.25 A



USB PD fast charging: The power delivered by the charger must be between min 45 Watts required by the radio equipment and max 65 Watts, in order to achieve the maximum charging speed.

CAUTION:

When purchasing third-party USB Type-C chargers for use with the computer, choose a product that is safety approved or certified. A disqualified charger may cause damage to your computer or pose an electrical hazard.

In many countries and regions, manufacturers or importers of electric chargers can submit their products to a certification authority or approved and recognized testing laboratories. Such a product usually carries a mark if it was tested to pass relevant quality and safety standards. For some countries and regions, this certification process is even mandatory.

If you live in mainland China, choose a charger with the “CCC” mark; for users in many European countries, choose one with the “CE” mark; for users in the United States and Canada, choose a Listed charger that carries a mark by one of the Nationally Recognized Testing Laboratories. (For example, the “UL Listed” mark). For people living in other countries and regions, consult a qualified electrical engineer for how to select a safety approved electric charger.

Avoid constant body contact with specific hot sections

CAUTION:

When the console is operating, it should be placed on a hard and flat surface with its back area not in contact with the user’s bare skin. Under normal operating conditions, the temperature of the back surface will remain within an acceptable range as defined in IEC 62368-1, but such temperatures can still be high enough to cause discomfort or harm to the user if directly touched for over 10 seconds at a time. As such, it is recommended that users avoid prolonged direct contact with the back of the console.

Operating environment

Maximum altitude (without pressurization)

3048 m (10 000 ft)

Temperature

- At altitudes up to 2438 m (8000 ft)
 - Operating: 5°C to 35°C (41°F to 95°F)
 - Storage: 5°C to 43°C (41°F to 109°F)
- At altitudes above 2438 m (8000 ft)
 - Maximum temperature when operating under the unpressurized condition: 31.3°C (88°F)

Note: When you charge the battery, its temperature should be no lower than 10°C (50°F).

Relative humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage: 5% to 95% at wet-bulb temperature 27°C (81°F)

Specifications for the controllers

Dimensions of one controller

Item	Value or specification
Width	44.8 mm
Depth	136.7 mm
Thickness	42.25 mm

Main control chip

Item	Value or specification
Type	MCU
Output power	0 dB
Maximum code rate	2 Mb/s
Sensitivity	-93 dB
Transmission range	20 m, 360 degrees

Rechargeable battery pack

Item	Value or specification
Cell type	Rechargeable Li-ion Battery
Capacity	650 mAh
Charge rate	1 C

Note: The battery capacity is the typical or average capacity as measured in a specific test environment. Capacities measured in other environments may differ but are no lower than the rated capacity (see product label).

Chapter 2. Use your Legion Go

Your console and its operating system

The operating system is essential software for a console. It manages the hardware devices of the console, provides utility applications and user interfaces, and enables the installation of various applications for a wide range of purposes.

Your console comes with Windows 11 pre-installed.

Initial setup of the Windows operating system

When you turn on your console for the first time, the Windows operating system will guide you through the initial setup process. Most importantly, you will:

- Create a user account
- Connect to a wireless network that has Internet access
- Select language-related settings

Note: If you choose to set up Windows for personal use, you must either use an existing Microsoft account or create a new one. You can switch to a local account after the initial setup.

Windows Update

From time to time, your console receives update notifications. These notifications may include new features, security updates, and device drivers. While security-related updates are typically downloaded and installed automatically, you can manually control the installation of other available updates.

In Windows Update, you can view available updates, manually check for updates, and configure settings related to updates. To navigate to Windows Update, select **Settings → Windows Update**.

Windows recovery options

While using your console, you may encounter various issues. Windows provides several recovery options to help restore your system to normal functionality. The table below will help you choose the right option for different situations.

Table 12. Windows recovery options

Situations	Recovery options
Windows runs much slower after you install an app.	Restore Windows from a system restore point.
Windows hasn't been functioning properly for some time.	Reset your console while keeping your personal files.
Your console won't start.	Utilize Windows startup repair function.
Your console won't start and cannot be repaired using Windows startup repair function.	Use a recovery drive to restore Windows.

Reset Windows

Resetting Windows allows you to reinstall the operating system while retaining your personal files. This gives the operating system a fresh start and, in some cases, restores the console's original performance.

- Step 1. Select **Settings → System → Recovery**.
- Step 2. Under recovery options, select **Reset PC**.
When prompted, choose between **Keep my files** and **Remove everything**.
- Step 3. Follow the on-screen instructions to complete the reset process.

Create a recovery drive

It is advisable to create a recovery drive after completing the initial setup of Windows. If you encounter a significant issue that prevents Windows from starting, you can use the recovery drive to restore the operating system on your console.

- Step 1. Prepare an empty USB drive with a storage capacity of 32 GB or more.
- Step 2. In the search box on the taskbar, type Create a recovery drive and select the matched app.
- Step 3. Make sure **Back up system files to the recovery drive** checkbox is selected and select **Next**.
- Step 4. When prompted, connect the USB drive to your console, select it, and then select **Next**.
- Step 5. Select **Create**.

Restore Windows using a recovery drive

If the Windows operating system fails to start, you can use a previously created recovery drive to restore Windows onto your console.

- Step 1. Shut down your console.
- Step 2. Connect the recovery drive to your console.
- Step 3. While holding down , press the power button until the **Novo Button Menu** is displayed.
- Step 4. Select **Boot Menu**.
- Step 5. Select the USB drive as the boot device.
The console will start to the Windows Recovery Environment.
- Step 6. Follow the on-screen instructions to restore Windows onto your console.

Use power efficiently

Use the power management features in this section to achieve the best balance between performance and power efficiency.

Rechargeable battery pack

Your console includes a built-in, rechargeable battery pack that makes mobile computing a reality.

When the console is plugged into an electrical outlet, the battery charges. If you use the console when you don't have access to an electrical outlet, the battery discharges to supply the electricity that the console system requires for operation.

Battery charging is affected by its temperature. The recommended temperature range for charging the battery is between 10°C (50°F) and 35°C (95°F).

Note: To maximize the life of the battery, once the battery is fully charged, it must discharge to 94% or lower before it is allowed to recharge again.

Rapid charge mode

The battery of the console is in rapid charge mode by default. The following table lists the estimated time needed for batteries in rapid charge mode to be charged to 80% and 100% respectively.

Table 13. Estimated charge time for batteries in rapid charge mode

Mode	Time needed to charge from 0% to 80%	Time needed to charge from 0% to 100%
Rapid charge	Less than 1 hour	Less than 2 hours

Note: The estimated charge time assumes that the battery is charged when the console is in sleep, hibernation, or powered-off state.

Recover full battery capacity

If your console is constantly plugged in to an electrical outlet and the battery rarely discharges, the battery may not be charged to its full capacity even if the battery meter reports 100% charge. You can recover the battery's full charging potential simply by discharging and re-charging the battery.

Step 1. Unplug the console and use it until the battery charge drops below 20%.

Step 2. Plug in the console and charge the battery to 100%.

Adjust timeout settings for saving power

Setting appropriate timeouts for your console to enter sleep mode and for the built-in screen to turn off is an effective method of reducing your console's power consumption. The Windows operating system comes with default timeout settings for these two items, which you can adjust to better suit your preferences.

Step 1. Select **Start → Settings → System → Power & battery → Screen, sleep, & hibernation timeouts**.

Step 2. Adjust the settings.

You can set distinct timeouts for two usage scenarios: when the console is plugged in and when it is running on battery power.

Default timeout settings for power saving

The operating system on your console has the following timeouts enabled by default. You can adjust these settings to better suit your preferences.

Note: Setting appropriate timeouts is an effective method of reducing your console's power consumption. Avoid setting excessively long timeouts to effectively disable this power-saving feature.

Table 14. Default timeout settings for the console to enter sleep mode and the screen to turn off

Power saving action	Power state	Timeout (minute)
Turn off the screen	Plugged in	5
	On battery	3
Put the device into sleep mode	Plugged in	5
	On battery	3

Note: To wake the console from sleep mode, press the power button.

Thermal mode

Several thermal modes are preset in the console. The maximum attainable performance, power consumption, and speed limit for the heat sink fan vary between different thermal modes.

You can switch between thermal modes in the **Performance** section of the Legion Space app, or by pressing the button combination of Legion L + Y.

The following table lists the available thermal modes on your console and the recommended conditions for each mode.

Table 15. Thermal modes and their recommended usage conditions

Thermal mode	Recommended conditions
30 W (Performance mode)	• Your console is plugged into an electrical outlet. • You want the best performance. • You don't care if the fan makes a little noise.
15 W (Balance mode)	• Your console is operating on battery power. • You plan to frequently switch between different tasks over a period of time.
10 W (Quiet mode)	• You want to save battery power. • You want the console to be as quiet as possible.
5–40 W (Custom mode)	You want to customize the Thermal Design Power based on your usage scenario.

Note: In the Legion Space app, you can drag the scroll button to select a value within the range of 5–40 W. When you switch the console to Custom mode, the Thermal Design Power is adjusted to the selected value.

OS power mode

You can switch between power modes based on your power usage and performance needs to optimize your console experience.

Go to **Settings → System → Power & battery** to switch between power modes. You can also switch modes in the **Performance** section of the Legion Space app.

The following table lists the available power modes on your console and the recommended conditions for each mode.

Table 16. Power modes and their recommended usage conditions

Power mode	Recommended conditions
Best performance	• Your console is plugged into an electrical outlet. • You want the best performance.
Balanced	You want to find a balance between power use and performance.
Best power efficiency	• Your console is operating on battery power. • You want the console to save power.

Note: This feature is not available when energy saver is on.

Full speed fan

The system fan can help the CPU dissipate the heat so that it can work for a long time without malfunctioning. To dissipate the heat more quickly, Full speed fan mode is preset in the Legion Space app.

Generally, the system fan provides sufficient cooling when you use your device for work and study. When you begin to play a demanding game, you may want the console to cool down rapidly. In this case, you can enable Full speed fan mode in the **Performance** section of the Legion Space app.

Note: The faster the fan spins, the more heat can be dissipated. However, a faster fan speed also leads to excessive power consumption and shortens its life cycle.

Connect to a network

Connect to a Wi-Fi network

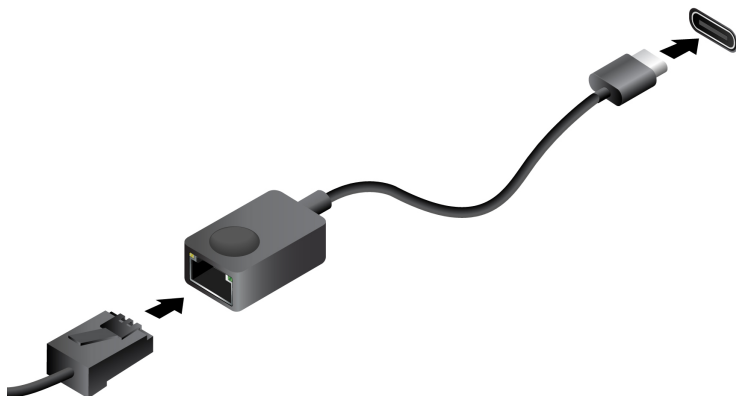
Ensure that you have a secure Wi-Fi network account and the required credentials.

- Step 1. Select the network icon  on the bottom right of your display.
- Step 2. Select an available network, and then select **Connect**.
If you want to be automatically connected to this Wi-Fi network the next time you start your computer, select **Connect automatically** before selecting **Connect**.
- Step 3. Input your credentials if necessary, and then follow the on-screen instructions to connect to the desired Wi-Fi network.

Establish a wired connection

- Step 1. Use a USB-C to Ethernet adapter to connect an Ethernet cable into the USB Type-C connector on your console.
- Step 2. Plug the other end of the Ethernet cable into a network wall jack or a router.

Note: You can purchase a USB-C to Ethernet adapter from Lenovo at <https://www.lenovo.com/accessories>.



Interact with your console

Preset shortcuts

The shortcuts preset in the console provide quick access to frequently used settings, tasks, and apps.

Table 17. Shortcuts

Shortcut	Action
Press and hold Legion L for 3 seconds.	Turns on/off the left controller.
Press and hold Legion R for 3 seconds.	Turns on/off the right controller.
Legion L.	Starts the Legion Space app.
Legion R.	Opens the sidebar.
Legion L + Y.	Switches between thermal modes.
Legion L + X.	Opens the Windows snipping tool.
Legion L + A.	Simulates the function of Ctrl + Alt + Del to start Windows Security.
Legion L + B.	Opens the virtual keyboard.
Legion L + LB.	Opens the list of preset shortcuts.
Legion L + A + B.	Switches between X-input mode and D-input mode.
Press and hold LT + LS for 3 seconds.	Calibrates the left joystick.
Press and hold RT + RS for 3 seconds.	Calibrates the right joystick.
Press and hold the mouse wheel for 3 seconds.	Disables/Enables the mouse wheel.

Connect to an external display

Connect to a wired display

Connect your console to the desired display with an appropriate cable.

Step 1. Connect one end of the display cable to a multi-purpose USB Type-C connector on your console.

Step 2. Connect the other end of the cable to the display.

Connect to a wireless display

Ensure that:

- Both your console and the display support Miracast® technology.
- The display is connected to the same Wi-Fi network as your console and is discoverable.

Step 1. Open the quick settings menu by selecting the network, sound, or battery icons (  ) on the far right of the taskbar.

Step 2. Select the **Cast** button.

The console searches for wireless display devices and audio devices and lists the results.

Step 3. Select the display you want to connect to, and then follow the on-screen instructions.

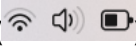
Change display settings

Step 1. Long press on a blank area on the desktop, and then select **Display settings**.
Your console shows the **Display** window.

Step 2. Select the display for which you want to change the settings.

Step 3. Change the display settings as necessary.

Set the display mode

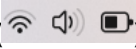
Step 1. Open the quick settings menu by selecting the network, sound, or battery icons () on the far right of the taskbar.

Step 2. Select the **Project** button.
Your console shows a list of display modes, with the current mode highlighted.

Step 3. Select a display mode from the list.

Turn on night light

The night light feature enables users to switch to warmer color tones, reducing blue light emission to alleviate eye strain or fatigue.

Step 1. Open the quick settings menu by selecting the network, sound, or battery icons () on the far right of the taskbar.

Step 2. Select the button for night light to turn it on or off.

Note: Some Windows 11 versions allow users to customize their quick settings. If the night light button is not visible, you can add it to the quick settings menu by selecting the edit button ().

For more tips on reducing eye strain or fatigue, visit <https://www.lenovo.com/us/en/compliance/visual-fatigue>.

Adjust color temperature

If the night light mode is turned on, you can adjust the color temperature of the screen.

Step 1. Select **Start → Settings**.

Step 2. Select **System → Display → Night light**.

Step 3. Move the slider to adjust the color temperature.

Note: Selected Lenovo products are low blue-light certified. These products undergo testing with the night light turned on and the color temperature value set at 48 or above.

Adjustable screen resolution

A screen uses millions of pixels to display images. The number of pixels in the horizontal and vertical directions is shown as the screen resolution. A higher resolution indicates more pixels, which generally means better image quality and more details.

You can manually switch the screen resolution. The settings can be found in **Settings → System → Display**. You can also switch the resolution in the **Display** section of the Legion Space app.

Variable refresh rate

Your eyes might not notice it but the content displayed on the screen refreshes constantly. The display refresh rate refers to the number of times per second the screen content refreshes itself and is measured in hertz (Hz).

A refresh rate of 60 Hz is adequate for most situations and is energy efficient. However, when viewing videos or playing video games, a higher refresh rate usually provides a smoother viewing experience.

The display of your device supports dual refresh rates. You can manually switch the display to work at either a higher or lower refresh rate. The settings can be found in **Settings → System → Display → Advanced display**. You can also switch the refresh rate in the **Display** section of the Legion Space app.

Controller vibration

When you are playing games, the built-in motor of the controller vibrates to simulate some gaming effects such as impacts and strikes.

Four vibration levels are preset in the built-in controller—off, low, medium, and strong. The motor is set to the medium level by default, and you can switch the motor to other levels by pressing the button combination of **Legion L** and **D-pad Up/Down key**.

When you toggle between different levels, the built-in controller vibrates for two seconds to indicate that the switch is successful.

Play video games

When the controller is attached to the tablet, it connects to the tablet via Pogo pins, which is called a wired connection. If you detach it from the tablet, it connects to the tablet via Bluetooth, which is called a wireless connection.

Legion Go is a fully-featured console, which can satisfy different usage requirements. You can use the whole console to play games on a train, in a coffee shop, or even outdoors. You can also enjoy a lighter gaming experience after detaching the controllers and placing the tablet on a flat surface.

Gamepad mode

In Gamepad mode, you can play video games by holding the whole console with both hands. In this mode, the mode switch on the right controller is in the “OFF” position.

After pressing the power button, the tablet and the two controllers turn on at the same time. The two controllers are connected to the tablet automatically and the solid green light of the controller state light indicates a successful connection.

You can hold the whole console to play video games almost anywhere.

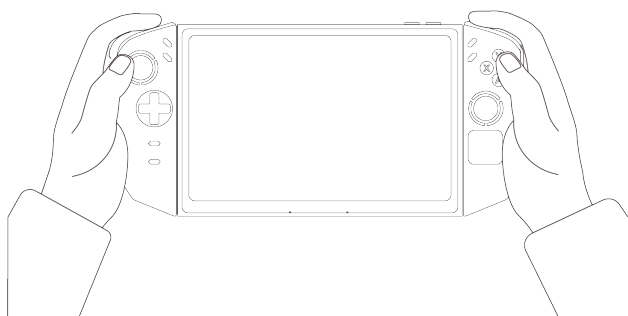


Figure 6. Play video games in Gamepad mode

Toggle between X-input mode and D-input mode

When the controllers are connected to the tablet, they are in X-input mode by default. Press Legion L + A + B to toggle between X-input mode and D-input mode.

Table 18. Controller state light status and mode switch

Mode switch	Light status
From X-input mode to D-input mode	Blinks once
From D-input mode to X-input mode	Blinks twice

Detachable mode

In Detachable mode, you can play video games by holding only the controllers. In this mode, the mode switch on the right controller is in the “OFF” position.

If you prefer not to hold the console with both hands, you can detach the controllers from the tablet, rotate the kickstand out to an appropriate position, and put the tablet on a flat surface.

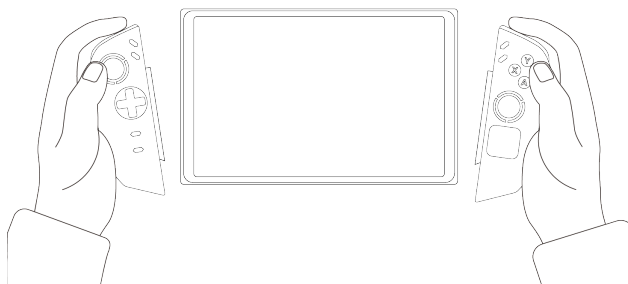


Figure 7. Play video games by holding only the controllers

To connect the controllers to the tablet, turn the tablet on first by pressing the power button.

To turn on the left/right controller, press and hold the Legion L/R button for 3 seconds. After the controllers are turned on, they are connected to the tablet automatically via Bluetooth. The solid green light of the controller state light indicates a successful connection.

Toggle between X-input mode, D-input mode, and Dual D-input mode

When the controllers are connected to the tablet, they are in X-input mode by default. Press Legion L + A + B to toggle among X-input mode, D-input mode, and Dual D-input mode.

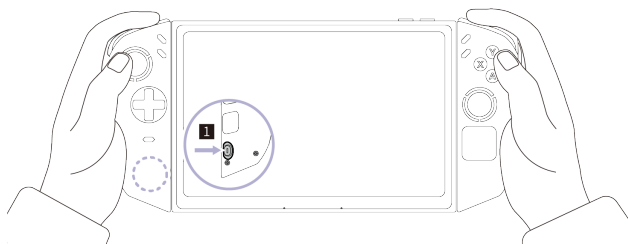
Table 19. Controller state light status and mode switch

Mode switch	Light status
From X-input mode to D-input mode	Blinks once
From D-input mode to Dual D-input mode	Blinks twice
From Dual D-input mode to X-input mode	Blinks three times

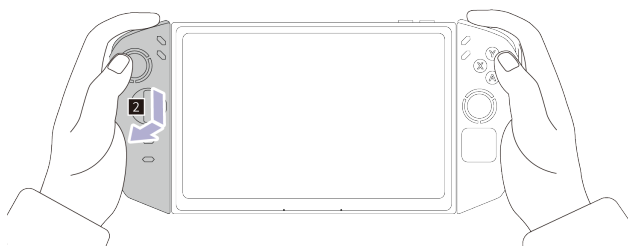
Detach the controllers from the tablet

It is easier to detach the controllers when you are facing the console's screen.

Step 1. Press and hold the release button of the left controller.



Step 2. Slide the left controller from top to bottom.



Step 3. Repeat Step 1 and Step 2 for the right controller.

FPS mode

FPS mode is designed specifically for First-Person Shooter games.

After detaching the controllers from the tablet, you can enable FPS mode by sliding the mode switch on the right controller to the “FPS” position. The M1 button is only available in this mode.

You can select among the predefined key mapping profiles or customize the controls to your preference in the **Controller** section of the Legion Space app.

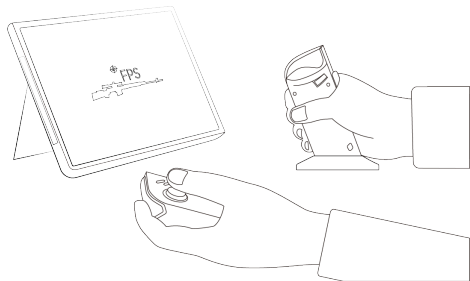


Figure 8. Play video games in FPS mode

Note: You can place the right controller on the included dock so you can hold the controller firmly while playing.

The right controller can be removed from the dock by toggling the lock button.

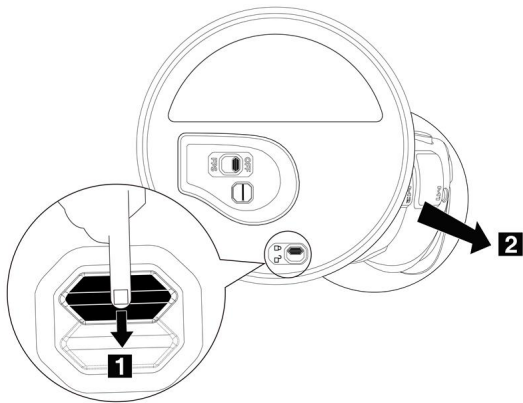


Figure 9. Unlock the right controller

Unique Lenovo apps

The Legion Space app

Legion Space is an app developed specifically to help you manage game resources, control hardware settings, and check the status of the device.

To access the app, type **Legion Space** in the Windows search box. You can also find the app from the taskbar.

In this app, you can:

- Manage local games.
- Adjust performance settings by switching between different thermal modes, power modes, or fan speeds.
- Set the display brightness, resolution, or refresh rate.

Note: Periodic updates to the Legion Space app may be available through online updates. Features may be added or modified after updates are installed.

Chapter 3. Firmware setup utility

Your console includes a flash ROM (read-only memory) chip on the system board. It contains code to start up the console. The ROM chip and the stored code are referred to as the console's firmware. Firmware plays a key role in the operation of the console. When you turn on the console, the firmware checks and initiates the console's hardware devices. It also checks the boot device for completeness and security, before executing the code to start up the operating system.

Open the firmware setup utility

A Lenovo console usually provides a setup utility that allows you to change some firmware settings. You can use Windows advanced startup or the Novo Button Menu to open the firmware setup utility.

Use Windows advanced startup to open the firmware setup utility

From Windows operating system, you can use advanced startup to restart your console and open the firmware setup utility.

- Step 1. Select **Settings → System → Recovery**.
- Step 2. Under **Advanced startup**, select **Restart now**.
- Step 3. Select **Troubleshoot** on the **Choose an option** page.
- Step 4. Select **Advanced options** on the **Troubleshoot** page.
- Step 5. Select **UEFI Firmware Settings** on the **Advanced options** page.
- Step 6. Tap **Restart**.

Your console will restart to open the firmware setup utility.

Open the firmware setup utility from the Novo Button Menu

The console provides a shortcut to open the firmware setup utility.

Make sure your console is powered off.

- Step 1. While holding down , press the power button until the **Novo Button Menu** is displayed.
- Step 2. Select **BIOS Setup** from the Menu.

Update the firmware setup utility

You can check the BIOS update from the **Disks and Drivers** section in the Legion Space app. Before the update, you must connect your console to the power supply.

Note: Your screen may go black for almost two minutes during the update, do not unplug the charger or power off your device.

Set passwords in UEFI/BIOS setup utility

This section introduces the types of passwords that you can set in the UEFI (Unified Extensible Firmware Interface) or BIOS (Basic Input/Output System) setup utility.

Password types

You can set various types of passwords in the UEFI/BIOS setup utility.

Table 20. Pre-requisites and usages of different password types

Password type	Pre-requisite	Usage
Administrator password	No	You must enter it to start the setup utility.
User password	The administrator password must be set.	You can use the user password to start the setup utility.
Master hard disk password	No	You must enter it to start the operating system.
User hard disk password	The master hard disk password must be set.	You can use the user hard disk password to start the operating system.

Notes:

- All passwords set in the setup utility consist of alphanumeric characters only.
- If you start the setup utility using the user password, you can only change a few settings.

Set administrator password

You set the administrator password to prevent unauthorized access to the UEFI/BIOS setup utility.

Attention: If you forget the administrator password, a Lenovo authorized service personnel cannot reset your password. You must take your console to a Lenovo authorized service personnel to have the system board replaced. Proof of purchase is required and a fee will be charged for parts and service.

- Step 1. Open the UEFI/BIOS setup utility.
- Step 2. Select **Security → Set Administrator Password** and press Enter.
- Step 3. Enter a password string that contains only letters and numbers and then press Enter.
- Step 4. Enter the password again and press Enter.
- Step 5. Select **Exit → Exit Saving Changes**.

Next time you start the console, you must enter the administrator password to open the setup utility. If **Power on Password** is enabled, you must enter the administrator password or the user password to start the console.

Change or remove administrator password

Only the administrator can change or remove the administrator password.

- Step 1. Open the UEFI/BIOS setup utility using the administrator password.
- Step 2. Select **Security → Set Administrator Password** and press Enter.
- Step 3. Enter the current password.
- Step 4. In the **Enter New Password** text box, enter the new password.
- Step 5. In the **Confirm New Password** text box, enter the new password again.

Note: If you want to remove the password, press Enter in both text boxes without entering any character.

Step 6. Select **Exit → Exit Saving Changes**.

If you remove the administrator password, the user password is also removed.

Set user password

You must set the administrator password before you can set the user password.

The administrator of the setup utility might need to set a user password for use by others.

Step 1. Open the UEFI/BIOS setup utility using the administrator password.

Step 2. Select **Security → Set User Password** and press Enter.

Step 3. Enter a password string that contains only letters and numbers and then press Enter.
The user password must be different from the administrator password.

Step 4. Enter the password again and press Enter.

Step 5. Select **Exit → Exit Saving Changes**.

Enable power-on password

If the administrator password has been set, you can enable power-on password to enforce greater security.

Step 1. Open the UEFI/BIOS setup utility.

Step 2. Select **Security → Power on Password** and press Enter.

Note: The administrator password must be set in advance.

Step 3. Change the setting to **Enabled**.

Step 4. Select **Exit → Exit Saving Changes**.

If power-on password is enabled, a prompt appears on the screen every time you turn on the device. You must enter the administrator or user password to start the device.

Set password for the secondary storage device

Permanent data is stored on secondary storage devices. Your console may include one or more solid-state drive or hard disk drive as secondary storage device(s). You can set passwords for secondary storage devices in the setup utility to prevent unauthorized access to your data.

Attention: Be extremely careful when setting a hard disk password. If you forget the hard disk password, a Lenovo authorized service personnel cannot reset your password or recover data from the hard disk. You must take your console to a Lenovo authorized service personnel to have the hard disk drive replaced. Proof of purchase is required and a fee will be charged for parts and service.

Step 1. Open the UEFI/BIOS setup utility.

Step 2. Select **Security → Set Hard Disk Password** and press Enter.

Note: If your console includes more than one secondary storage device, you can set separate passwords for each device. If you start the setup utility using the user password, you cannot set hard disk password.

Step 3. Follow on-screen instructions to set both master and user passwords.

Note: The master and user hard disk passwords must be set at the same time.

Step 4. Select **Exit → Exit Saving Changes**.

If the hard disk password is set, you must provide the correct password to start the operating system.

Change or remove hard disk password

Step 1. Open the UEFI/BIOS setup utility.

Step 2. Select **Security**.

Step 3. Change or remove the hard disk password.

To change or remove master password, select **Change Master Password of Hard Disk** and press Enter.

Note: If you remove the master hard disk password, the user hard disk password is also removed.

To change user password, select **Change User Password of Hard Disk** and press Enter.

Note: The user hard disk password cannot be removed separately.

Step 4. Select **Exit → Exit Saving Changes**.

Chapter 4. Console and accessibility

To meet the vision of delivering Smarter Technology for All, Lenovo designs with all users in mind. This chapter explores the accessibility features available on your Lenovo console, including both hardware components and those offered by the pre-installed operating system. By gaining a comprehensive understanding of the available accessibility features and how to activate and configure them, you can enhance your console's usability.

Accessibility features of the console hardware

Lenovo consoles are designed with accessibility in mind. Throughout the design process, special considerations are prioritized for individuals with disabilities and best industry practices are implemented in hardware design.

USB connectors for connecting assistive technology devices

Several types of assistive technology devices are available on the market that can be connected to a console to enhance its accessibility. For example, a refreshable braille display is an assistive technology device that enables individuals who are both deaf and blind to use a console. When connected to a console, a refreshable braille display can work in conjunction with a compatible screen reader to provide tactile output in braille characters. Blind individuals who have been trained to read braille can run their fingers over the display to comprehend the information presented on the console.

Many assistive technology devices utilize USB technology for connectivity. Lenovo consoles are equipped with at least one USB connector that adheres to the relevant USB specifications and is backward compatible. If the plug type of the assistive technology device does not match the USB connector on your console, you can easily purchase and use a USB adapter to resolve the issue.

Accessibility features of Windows 11

An operating system is a crucial piece of software installed on a console. It plays a vital role in the console's basic functionality by providing a user interface, various tools for system management, and a foundation upon which additional specialized applications can be installed.

Microsoft's Windows 11 is a modern operating system that comes pre-installed on Lenovo consoles. It offers a rich set of accessibility features designed for individuals with diverse disabilities. This section outlines the accessibility features available in Windows 11, explains how to activate them, and discusses the benefits they provide.

Notes: The following accessibility features of Windows have been tested and confirmed to deliver their essential functionalities on Lenovo consoles that come pre-installed with Windows 11.

- Narrator
- Magnifier

Configuring accessibility features in the Settings app

Windows 11 provides a centralized location within the Settings app for activating and configuring all accessibility features. You can access this section by selecting **Start → Settings → Accessibility**.

Narrator

Narrator is Windows 11's built-in screen-reading application. It can read screen content aloud to users, enabling individuals with visual impairments to navigate effectively within Windows 11, use applications, and browse the web.

Start and stop Narrator

You can start and stop Narrator by selecting the toggle button for Narrator in the centralized Accessibility section of the Settings app.

Customize Narrator

Narrator offers a variety of controls that allow you to customize it to suit your preferences. For example, you can install additional text-to-speech voices and select your preferred voice for Narrator. You also have the option to adjust the verbosity level to choose the type of content to be read. All Narrator settings are conveniently located in the centralized Accessibility section of the Settings app.

Adjusting text sizes, applying a high-contrast theme, and using Magnifier

For individuals who find it difficult to see text clearly on the screen, Windows offers the options of adjusting text sizes, applying a high-contrast theme, and using Magnifier.

Adjust text sizes

If you find the text on the screen is too small to read, you can scale up the size of text displayed by Windows and other applications.

Step 1. Select **Start → Settings → Accessibility → Text size**.

Step 2. Use the slider and the preview pane to select a size that fits your need and then select **Apply**.

Apply a high-contrast theme

For individuals with low vision, Windows 11 offers contrast themes that enhance text readability by using a background color that sharply contrasts with the text.

Step 1. Select **Start → Settings → Accessibility → Contrast themes**.

Step 2. In the dropdown list for **Contrast themes**, select one option and then select **Apply**.

To exit a contrast theme, select **None** from the dropdown list.

Enable Magnifier

You can enable Windows 11 Magnifier to enlarge specific areas or the entire screen, making text and images easier to see.

Step 1. Select **Start → Settings → Accessibility → Magnifier**.

Step 2. Select the toggle to enable or disable Magnifier.

- To zoom in and out, tap the plus(+) and minus(-) symbols on the corners of the screen.
- To move around the screen, tap on the borders.
- To see where you are on the screen, tap with one finger on opposite borders of the screen simultaneously.
- To close Magnifier, tap the minus(-) symbol to zoom out, then tap the Close(X) button.

Accessible user documentation

Documentation containing instructions for the use of the product, including its accessibility features, is available in accessible formats (such as HTML and PDF) on the Lenovo Support Website. When creating documentation, a series of industry standards and best practices are followed to ensure that the content is useful to as broad an audience as possible. Additionally, automated testing tools are employed to identify issues that may hinder the accessibility of information. These issues are addressed to the extent permitted by commonly available technologies.

Accessibility features of user documentation

By adhering to industry standards and best practices, Lenovo documentation offers numerous features that facilitate the perception and understanding of the content. Additionally, several of these features are specifically designed to ensure that users of assistive technology devices can access information comparable to that available to those who do not rely on such devices.

Perceivable content

Text content is presented using popular and easy-to-read fonts. Text colors are in high contrast with the background. Non-text elements, such as graphics and videos that convey important information, are accompanied by alternative text descriptions. Users with visual impairments can utilize screen readers to access information comparable to that available to sighted users.

Understandable content

The documentation is presented visually in a well-structured and simple layout. It also includes hidden tags or other markup information that store the content's structure, which can be utilized programmatically by assistive technologies to convey this structure to users.

Operable content

Documentation includes industry-standard tags for sectioning and interactive elements, such as titles, headings, various structural components, links, buttons, and input fields. Screen reader users can utilize standard modifier keys on a keyboard to effectively navigate and interact with the documentation.

Testing documentation accessibility

Before being officially released, Lenovo documentation undergoes testing with automated tools to evaluate its accessibility. HTML documents are assessed for compliance with the success criteria outlined in the *Web Content Accessibility Guidelines* (WCAG), a widely accepted set of standards designed to enhance web document accessibility. PDF documents are evaluated for accessibility using the accessibility checker in Adobe Acrobat for the same purpose. Automated testing tools help identify elements within a document that may present challenges when rendered by screen readers and other assistive technology devices. Accessibility issues identified by these automated tools are subsequently analyzed manually and corrected as needed.

Chapter 5. Help and support

Self-help resources

Use the following self-help resources to learn more about the console and troubleshoot problems.

Table 21. Access to self-help resources

Resources	How to access?
Troubleshooting and frequently asked questions	• https://www.lenovo.com/tips • https://forums.lenovo.com
Accessibility information	https://www.lenovo.com/accessibility
Reset or restore Windows	1. Go to https://pcsupport.lenovo.com. 2. Find the information about system recovery from the Troubleshooting section and follow the on-screen instructions.
Product documentation: • Generic Safety and Compliance Notices • <i>Safety and Warranty Guide</i> • <i>Setup Guide</i> • <i>This User Guide</i> • <i>Regulatory Notice</i>	1. Go to https://pcsupport.lenovo.com. 2. Detect your product or manually select your product model. 3. Filter out the documentation you want.
Latest support information: • Drivers and software • Diagnostic solutions • Product and service warranty • Product and parts details • Knowledge base	https://support.lenovo.com
Windows help information	• Search Get Help or Tips in the Windows search box. • Use Windows Search or the Cortana® personal assistant. • Microsoft support Web site: https://support.microsoft.com

Note: When you open <https://pcsupport.lenovo.com> or <https://support.lenovo.com>, change the country or region from the top bar.

What is a CRU

Customer replaceable units (CRUs) are parts that can be upgraded or replaced by the customer. A Lenovo product may contain the following types of CRUs:

Self-service CRU

Parts that can be installed or replaced easily by customers themselves or by trained service technicians at an additional cost.

Optional-service CRU

Parts that can be installed or replaced by customers with a greater skill level. Trained service technicians can also provide service to install or replace the parts under the type of warranty designated for the customer's machine.

If you intend to install a CRU, Lenovo will ship the CRU to you. You might be required to return the defective part that is replaced by the CRU. When a return is required: (1) return instructions, a prepaid shipping label, and a container will be included with the replacement CRU; and (2) you might be charged for the replacement CRU if Lenovo does not receive the defective CRU within thirty (30) days of your receipt of the replacement CRU. For full details, see the *Lenovo Limited Warranty* at https://www.lenovo.com/warranty/llw_02.

CRUs for your product model

The table below lists the CRUs and CRU types that are defined for your product model.

Table 22. CRUs for Legion Go

Part	Self-service CRU	Optional-service CRU
Carry case	X	
ac power adapter *	X	
Power cord *	X	
Legion Go Controller L and Legion Go Controller R	X	
FPS mode controller dock	X	
Legion Go Controller R protection cover	X	
Controller guide L and R		X
Joystick caps	X	

Notes:

- CRU replacement instruction is provided in one or more of the following publications and is available from Lenovo at any time upon your request.
 - the product *User Guide*
 - the printed publications that came with the product
- Replacement of any parts not listed above, including the built-in rechargeable battery, should be done by a qualified repair technician or by ensuring that you carefully follow all instructions provided by Lenovo. You can also find Lenovo-authorized repair facilities by going to <https://support.lenovo.com/partnerlocator> for more information.
- Parts labeled with an asterisk (“*”) are available on selected product models.

Call Lenovo

If you have tried to correct the problem yourself and still need help, you can call Lenovo Customer Support Center.

Before you contact Lenovo

Record product information and problem details before you contact Lenovo.

The following product information should be recorded.

- Product name
- Machine type and serial number

The problem symptoms and details should be recorded.

- What is the problem? Is it continuous or intermittent?
- Any error message or error code?
- What operating system are you using? Which version?
- Which software applications were running at the time of the problem?
- Can the problem be reproduced? If so, how?

Note: The product name and serial number can usually be found on the back of the product, either printed on a label or etched on the cover.

Lenovo Customer Support Center

During the warranty period, you can call Lenovo Customer Support Center for help.

Telephone numbers

For a list of the Lenovo Support phone numbers for your country or region, go to <https://pcsupport.lenovo.com/supportphonenumberlist>.

Note: Phone numbers are subject to change without notice. If the number for your country or region is not provided, contact your Lenovo reseller or Lenovo marketing representative.

Services available during the warranty period

- Problem determination - Trained personnel are available to assist you with determining if you have a hardware problem and deciding what action is necessary to fix the problem.
- Lenovo hardware repair - If the problem is determined to be caused by Lenovo hardware under warranty, trained service personnel are available to provide the applicable level of service.
- Engineering change management - Occasionally, there might be changes that are required after a product has been sold. Lenovo or your reseller, if authorized by Lenovo, will make selected Engineering Changes (ECs) that apply to your hardware available.

Services not covered

- Replacement or use of parts not manufactured for or by Lenovo or nonwarranted parts
- Identification of software problem sources
- Configuration of UEFI/BIOS as part of an installation or upgrade
- Changes, modifications, or upgrades to device drivers
- Installation and maintenance of network operating systems (NOS)
- Installation and maintenance of programs

For the terms and conditions of the Lenovo Limited Warranty that apply to your Lenovo hardware product, see “Warranty information” in the *Safety and Warranty Guide* that comes with your product.

Purchase additional services

During and after the warranty period, you can purchase additional services from Lenovo at <https://pcsupport.lenovo.com/warrantyupgrade>.

Service availability and service name might vary by country or region.

Appendix A. Notices and trademarks

Notices

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