User Guide

Lenovo Legion Go S (8", 1)

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)

Contents

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 S 8ARP1 – Lenovo Legion Go S 8ARP1 1	83L3
– Legion Go S 8APU1 – Lenovo Legion Go S 8APU1 1	83N6

  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 Steam® operating system. These instructions are not applicable if you install and use other operating systems.
- Valve® makes periodic feature changes to the Steam operating system through System Updates. As a result, the operating system instructions in this guide may become outdated. Refer to the Steam support website 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 S

Front view

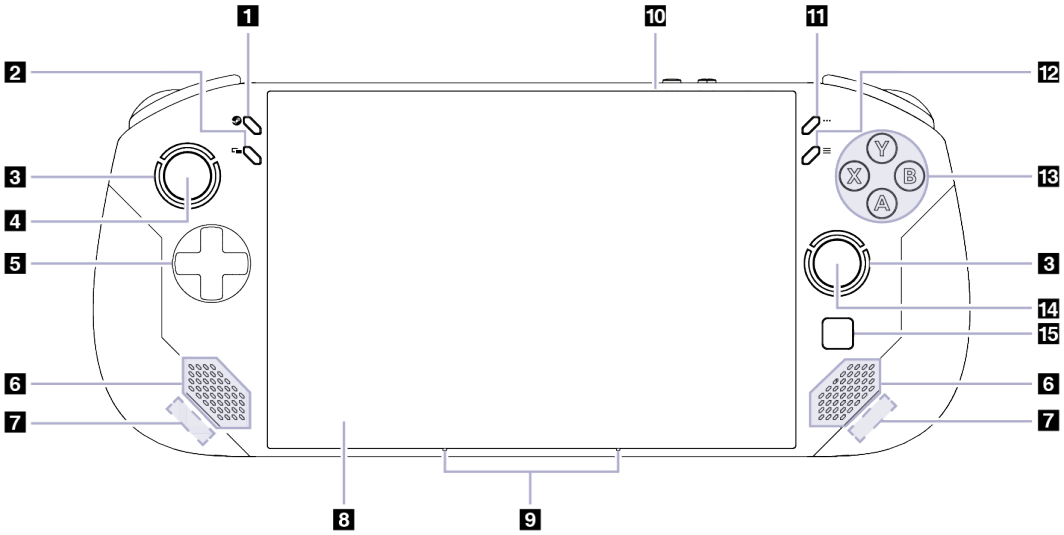


Figure 1. Front view of Legion Go S

Table 2. Components seen from the front view

No.	Description
1	Steam Key
2	View button
3	Joystick light
4	Left joystick/LS
5	D-pad
6	Speakers
7	Antennas
8	Screen
9	Microphones
10	Ambient light sensor
11	Quick Access Key
12	Menu button
13	ABXY buttons
14	Right joystick/RS
15	Touchpad

Controls seen from the front view

The Steam Key, View button, left joystick/LS, D-pad, Quick Access Key, Menu button, ABXY buttons, and right joystick/RS 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 S 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.

Joystick light

The joystick light features RGB lighting and exudes a strong gaming style. When you turn the console on, you light up the joystick lights around the left and right joysticks.

Note: With a future update of SteamOS, you may tailor the joystick light to your preferences in **STEAM MENU → Settings → Customization**.

Speakers

The speakers are built-in sound output devices.

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.

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.

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.

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.

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

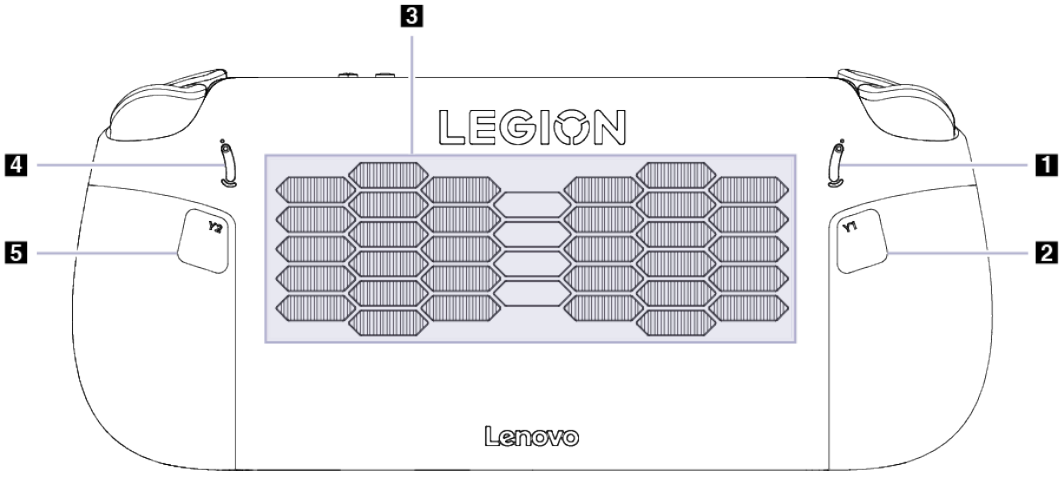


Figure 2. Back view of Legion Go S

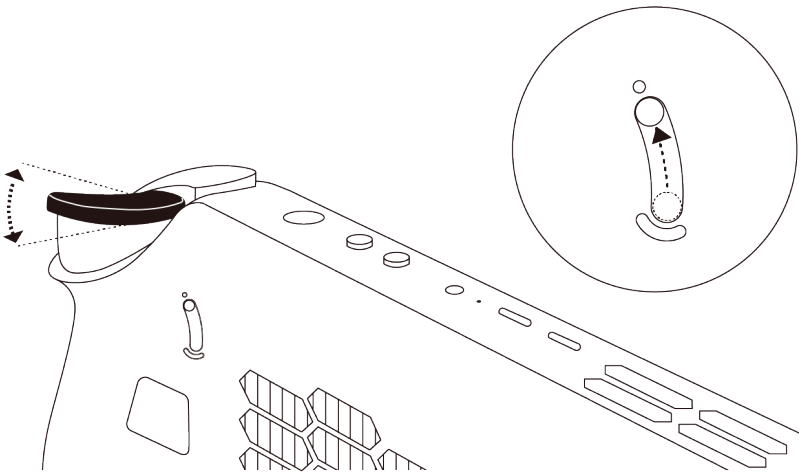
Table 3. Components seen from the back view

No.	Description
1	LT button range switch
2	Y1 button
3	Air vents (intake)
4	RT button range switch
5	Y2 button

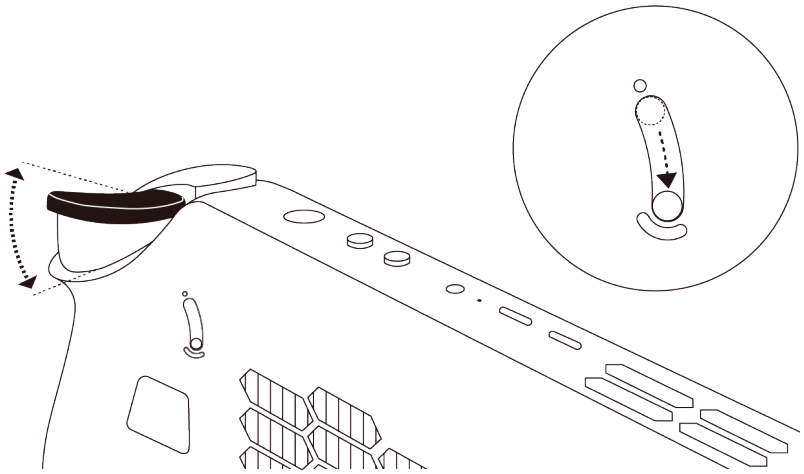
LT and RT button range switch

The switches are used to adjust the press range of the LT button and RT button.

After you toggle this switch to the top, the press range is short.



After you toggle this switch to the bottom, the press range is longer.



Controls seen from the back view

The Y1 and Y2 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 S game.

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.

Top view

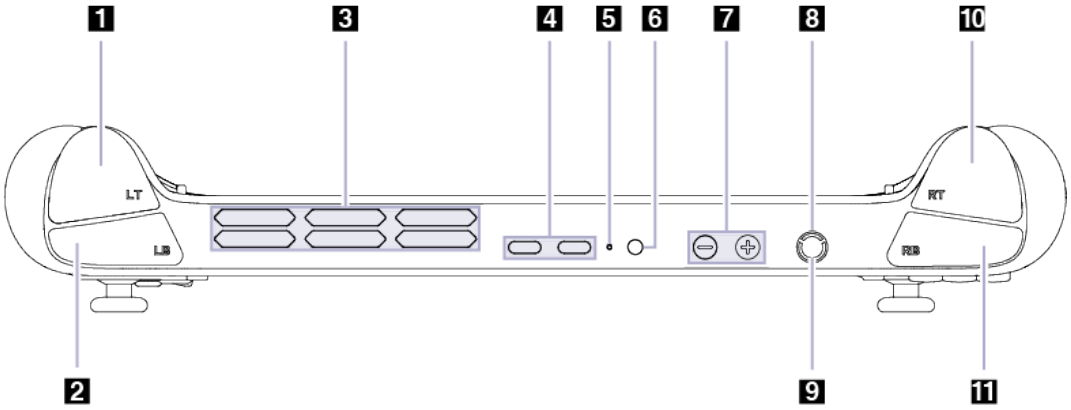


Figure 3. Top view of Legion Go S

Table 4. Components seen from the top view

No.	Description
1	LT button
2	LB button
3	Air vents (outlet)
4	Multi-purpose USB Type-C connector
5	Charging light
6	Combo audio jack
7	Volume buttons
8	Power button
9	Power light
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 S game.

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 5. Charging light status and description

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

Combo audio jack

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

Volume buttons

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

Power button

Press the power button to turn on your console.

Note: By default, 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 6. 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 7. 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

Bottom view

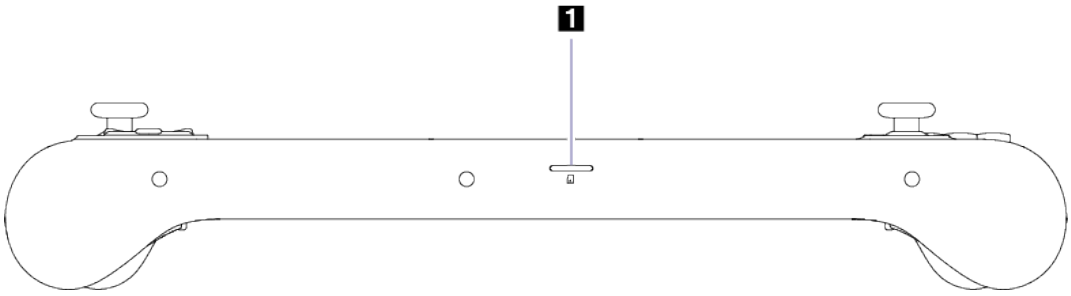


Figure 4. Bottom view of Legion Go S

Table 8. Components seen from the bottom view

No.	Description
1	microSD card slot

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.

Specifications

Dimensions

Item	Value or specification
Length	299.0 mm
Width	127.55 mm
Thickness	22.6 mm

Display

Item	Value or specification
Type	LCD
Screen size (diagonal)	8 inches
Resolution	1920 × 1200
Supported refresh rates	• 60 Hz • 120 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-I
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 1.4 – 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	55.5 Wh
Cell type	Rechargeable Li-ion Battery
Number of cells	3

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 (2280)
Number of slots	1
Interface	PCIe Gen4

Networking

Item	Value or specification
Wi-Fi®	Wi-Fi 6E or Wi-Fi 6
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.

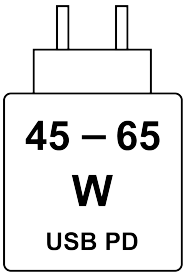
Table 9. USB device and the corresponding data rate

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



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. The USB Type-C charging connector of this console supports USB PD fast charging.

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)

Chapter 2. Use your Legion Go S

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 10. 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%.

Gaming Mode

In Gaming Mode, you can quickly open the recent games and find what's new on the **Home** page.

To explore more features, you can tap the **STEAM MENU** icon at the bottom left. Here you can purchase top sellers on the **Store** page, chat with friends on the **Friends & Chat** page, and customize device preferences on the **Settings** page.

If you want to access the SteamOS desktop, you can tap the **STEAM MENU** icon, select **Power** and then select **Switch to Desktop**. In Desktop Mode, you can use the handheld gaming console like a portable computer.

Preset shortcuts

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

Table 11. Shortcuts in Legion Go S

Shortcut	Action
Steam Key.	Opens or closes the STEAM MENU.
Press and hold Steam Key for 3 seconds.	Opens or closes the shortcut list.
Quick Access Key.	Opens or closes the Quick Access Menu.
Quick Access Key + Y.	Switches between thermal modes.
Press and hold LT + LS for 7 seconds.	Calibrates the left joystick.
Press and hold RT + RS for 7 seconds.	Calibrates the right joystick.
Press and hold Quick Access Key + RB + Menu button for 4 seconds	Resets the controller to factory settings.

Adjust timeout settings to save 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 Steam operating system comes with default timeout settings for these two items, which you can adjust to better suit your preferences.

Step 1. Tap the **STEAM MENU** icon at the bottom left.

Step 2. Select **Settings → Power**.

Step 3. Adjust timeouts in **DIM DISPLAY** and **SLEEP**.

Default timeout settings

The operating system has the following timeouts enabled by default.

Table 12. Default timeout settings in Gaming Mode

Power saving action	Usage scenario	Timeout
Dim display	Plugged in	10 minutes
	Not plugged in	5 minutes
Put deck to sleep	Plugged in	20 minutes
	Not plugged in	10 minutes

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 by pressing the button combination of Quick Access Key + Y.

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

Table 13. 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 **Performance** section of the Quick Access Menu, you can enable the **TDP Limit** and customize the thermal design power.

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.

Steam Remote Play

With Steam Remote Play, you can launch games on your console and play them on other devices. Your friends can join your local game without having to own or launch the game themselves.

Play games anywhere with Remote Play

To tell if a game supports Remote Play, you can find from the **FEATURES** part of a specific game page in the Steam Store.

Step 1. Log in to the Steam client on a device with the installed game you wish to play.

Step 2. Log in to the Steam client with the same Steam account on another device. Ensure you have installed the Steam Link app.

Step 3. Launch and play the game from the Steam Library on another device.

Play games together with Remote Play

To tell if a game supports Remote Play Together, you can find from the **FEATURES** part of a specific game page in the Steam Store.

Step 1. Ensure that your friend is logged in to the Steam client.

Step 2. Launch your game. Press the Steam Key to open **Steam Overlay in-game**.

Step 3. From the **Friends** list, tap and hold your friend and select **Remote Play Together**.

Step 4. Once your friend accepts the invitation, you two can play together.

Turn on night mode

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

Step 1. Tap the **STEAM MENU** icon at the bottom left.

Step 2. Select **Settings → Display**. Turn on **Enable Night Mode (until morning)**.

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

Step 1. Tap the **STEAM MENU** icon at the bottom left.

Step 2. Select **Settings → Display**.

Step 3. Move the slider of **Night Mode Tint** to adjust the color temperature. You can also tap **Advanced View** to set the color temperature in a more complex way.

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.

Desktop Mode

In Desktop Mode, you can use the console to perform office tasks, watch movies, browse the internet, and do more things you expect.

If you want to return to Gaming Mode, tap the **Return to Gaming Mode** shortcut on the desktop.

Adjust timeout settings to save power

Setting appropriate timeouts for the built-in screen to turn off is an effective method of reducing your console's power consumption. In Desktop Mode, you can adjust the timeouts to better suit your preferences.

Step 1. Tap **System Settings** on the taskbar.

Step 2. Select **Power Management**.

Step 3. Select from three usage scenarios: **On AC Power**, **On Battery**, and **On Low Battery**. Adjust timeouts for the built-in screen to turn off in **Turn off screen**.

Default timeout settings

The operating system has the following timeouts enabled by default.

Table 14. Default timeout settings in Desktop Mode

Power saving action	Usage scenario	Timeout
Dim screen	On AC Power	10 minutes
	On Battery	1 minute
	On Low Battery	1 minute

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.

Set the screen layout

Step 1. Open the **Status and Notifications** panel by tapping the arrow up icon (^) on the far right of the taskbar.

Step 2. Select the **Display Configuration** button.

Step 3. Select a screen layout from the list.

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 the Novo Button Menu 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.

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 15. 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. Help and support

Frequently asked questions

How to update SteamOS?

Step 1. Tap the **STEAM MENU** icon at the bottom left.

Step 2. Select **Settings → System**.

Step 3. Tap **Check For Updates** next to **Software Updates**. If a new version of the Steam client or SteamOS is available, it appears under **Software Updates**.

Step 4. Tap **Apply** to complete the updates.

Step 5. Tap **Restart** to restart the console.
All drivers are included in SteamOS and will be updated along with the update of SteamOS.

How to update BIOS?

Ensure that your console is in Desktop Mode and is connected to the power supply.

Step 1. Tap **Discover** on the taskbar.

Step 2. Select **Updates** and wait for fetching updates.

Step 3. When a new version of BIOS is available, **Lenovo System Firmware** appears in the list of pending updates.

Step 4. Check the checkbox next to **Lenovo System Firmware** and tap **Update Selected**.
The console reboots to update BIOS.

How to update the controller firmware?

Ensure that your console is in Desktop Mode and is connected to the power supply.

Step 1. Tap **Discover** on the taskbar.

Step 2. Select **Updates** and wait for fetching updates.

Step 3. When a new version of the controller firmware is available, **Legion Go S** appears in the list of pending updates.

Step 4. Check the checkbox next to **Legion Go S** and tap **Update All**.
It takes about 2 minutes to update the controller firmware.

Notes:

- Do not press any button until the update completes successfully.
- Restart the console if you find any button malfunctions.

What should I do if the controller malfunctions?

When you find the controller malfunctions, for example, there is no joystick light or the light is abnormal, you can try resetting the controller to factory settings. Press and hold Quick Access Key + RB + Menu button for 4 seconds to reset the controller to factory settings.

Note: The configurations stored in the controller will be deleted after resetting the controller.

How to change the screen orientation in Desktop Mode?

Ensure that your console is in Desktop Mode.

Step 1. Tap **System Settings** on the taskbar.

Step 2. Select **Display and Monitor → Display Configuration**.

Step 3. Select the **Orientation** you need and tap **Apply**.

Step 4. On the pop-up window, tap **Keep** to keep the orientation you select. Otherwise, the orientation will revert to the previous configuration in several seconds.

How to adjust the dead zone of the joystick?

The dead zone is where you can move your joystick before the input is registered. The larger the dead zone, the more effort is required to register inputs. However, if the dead zone is too small, the joystick may become too sensitive, even causing false inputs when the joystick is untouched.

Step 1. Tap the **STEAM MENU** icon at the bottom left.

Step 2. Select **Settings → Controller**.

Step 3. Tap the **Open** button next to **Calibration & Advanced Settings**.

Step 4. Slide to adjust the dead zone of the left joystick and right joystick.

Notes:

- You can press the Y button to test the joystick dead zone.
- Press the X button to reset the dead zone to default.

How to calibrate the gyro?

A gyro is a device that measures and maintains the rotational motion. It is built in the controller to help control the game's objects and provide feedback to you.

Step 1. Tap the **STEAM MENU** icon at the bottom left.

Step 2. Select **Settings → Controller**.

Step 3. Tap the **Open** button next to **Calibration & Advanced Settings**.

Step 4. Select **Gyro Calibration**. Tap the **Calibrate** button. Wait several seconds to complete the calibration.

Self-help resources

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

Table 16. 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

Table 16. Access to self-help resources (continued)

Resources	How to access?
Product documentation: • *Generic Safety and Compliance Notices* • *Safety and Warranty Guide* • *Setup Guide* • This *User Guide* • *Regulatory Notice*	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
Steam support web site	https://help.steampowered.com
Open source code	https://support.lenovo.com/us/en/solutions/ht511330-lenovo-open-source-portal

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

Access open-source information

This device includes software made publicly available by Lenovo, including software licensed under the General Public License and/or the Lesser General Public License (the open source software).

You may obtain a copy of the corresponding source code for any such open source software licensed under the General Public License and/or the Lesser General Public License (or any other license requiring us to make a written offer to provide corresponding source code to you) from Lenovo for a period of three years without charge except for the cost of media, shipping, and handling, upon written request to Lenovo. This offer is valid to anyone in receipt of this Device.

You may send your request in writing to the address below accompanied by a check or money order for $15 to:

Lenovo Legal Department
Attn: Open Source Team / Source Code Requests
8001 Development Dr.
Morrisville, NC 27560

Please include the version of the OS and the version of the Linux Kernel pre-shipped on this Device as part of your request. Be sure to provide a return address.

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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 17. CRUs for Legion Go S

Part	Self-service CRU	Optional-service CRU
ac power adapter *	X	
Power cord *	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/supportphonelist.

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.

Chapter 5. 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 blind or deafblind 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 or deafblind 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 USB connectors that adhere to the relevant USB specifications and are 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 SteamOS

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

Notes:

- The following accessibility features in Gaming Mode and Desktop Mode have been tested and confirmed to deliver their essential functionalities on Lenovo consoles that come pre-installed with SteamOS.
- SteamOS makes periodic updates to keep improving your experience. Features may be added or modified after updates are installed.

Accessibility features in Gaming Mode

In Gaming Mode, you can find some accessibility functions from **STEAM MENU → Settings → Accessibility**.

You can choose the proper accessibility function that fits your needs.

- **UI Scale**: Slide to scale the text size.
- **High Contrast Mode**: Enable to make the text, buttons, and icons more distinct from the background.
- **Reduce Motion**: Enable to reduce certain animations, effects, and transitions.
- **Color Filter**: Select from pre-configured modes to modify display colors.

- **Screen Reader**: Enable to speak the user interface.

Accessibility features in Desktop Mode

In Desktop Mode, you can find some accessibility functions from **System Settings → Accessibility**.

You can choose the proper accessibility function that fits your needs.

- **System Bell**:
  - Enable **Audible bell** to receive an audible response when certain keys are pressed.
  - Enable **Visual bell** to receive a visual response on the screen when certain keys are pressed.
- **Modifier Keys**:
  - Enable **Sticky keys** to use keyboard shortcuts by pressing one key at a time instead of all at once.
  - Enable **Feedback** to receive system bell when locking keys, such as Caps Lock, Num Lock, and Scroll Lock, are used.
- **Keyboard Filters**:
  - Enable **Slow keys** to increase the keyboard's acceptance time for each key press.
  - Enable **Bounce keys** to ignore rapid, repeated key presses of the same key.
- **Mouse Navigation**: Enable to use the number pad to move the cursor.
- **Activation Shortcuts**: Enable the use of shortcuts to enable Sticky keys and Slow keys.
- **Screen Reader**: Enable to speak the user interface.

  Note: Install the Orca Screen Reader before using the Screen Reader function.
- **Color Blindness Correction**: Enable to make colors easier to see and differentiate.

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.

Appendix A. Notices and trademarks

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