User Guide

Lenovo
LEGION

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*

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	83L3

- For further compliance information, refer to the *Generic Safety and Compliance Notices* at <u>https://pcsupport.lenovo.com/docs/generic_notices</u>.
- 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 <u>https://pcsupport.lenovo.com</u>.
- When you open <u>https://pcsupport.lenovo.com</u> or <u>https://support.lenovo.com</u>, change the country or region from the top bar.

Meet your Legion Go S 8ARP1

Front view
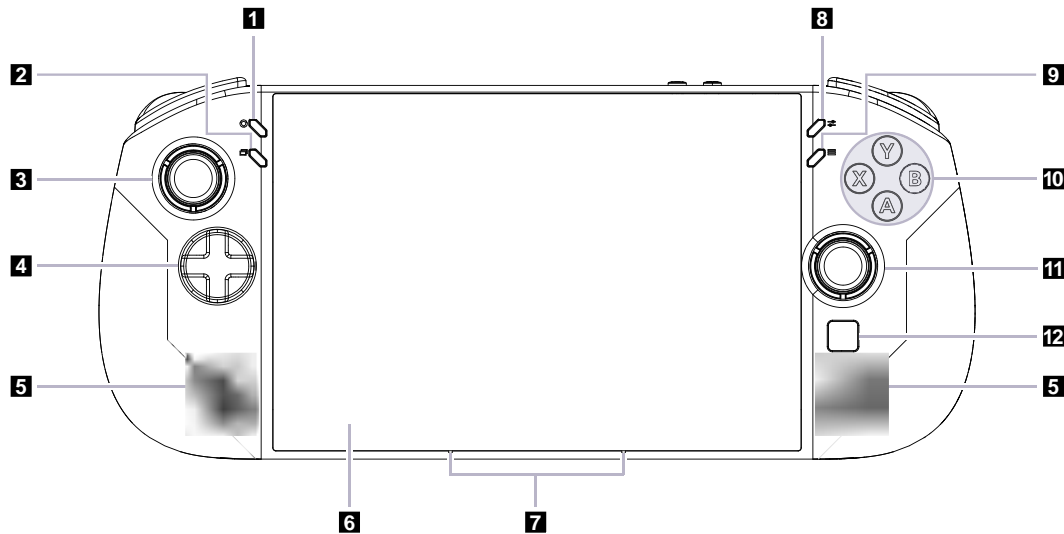
Figure 1. Front view of Legion Go S 8ARP1

Table 2. Components seen from the front view

No.	Description
1	View button
2	Legion L
3	Left joystick/LS
4	D-pad
5	Speakers
6	Screen
7	Microphones
8	Menu button
9	Legion R
10	ABXY buttons
11	Right joystick/RS
12	Touchpad

Controls seen from the front view

The View, Legion L, left joystick/LS, D-pad, Menu, Legion R, 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 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.

Speakers

The speakers are the built-in sound output devices.

Screen

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

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

Microphones

The microphones are the 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.

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.
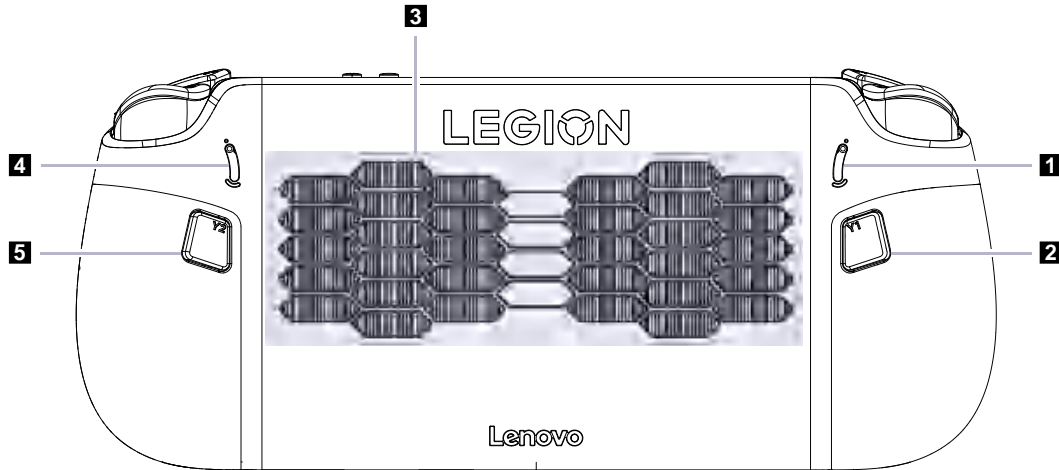
Back view

Figure 2. Back view of Legion Go S 8ARP1

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 switch is used to adjust the press range of the LT and RT button. After you toggle this switch to the top, the press range is small, suitable for FPS games. After you toggle this switch to the bottom, the press range is large, suitable for racing games.

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 8ARP1

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	Combo audio jack
6	Volume buttons
7	Power button
8	Power light
9	RT button
10	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 button 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.

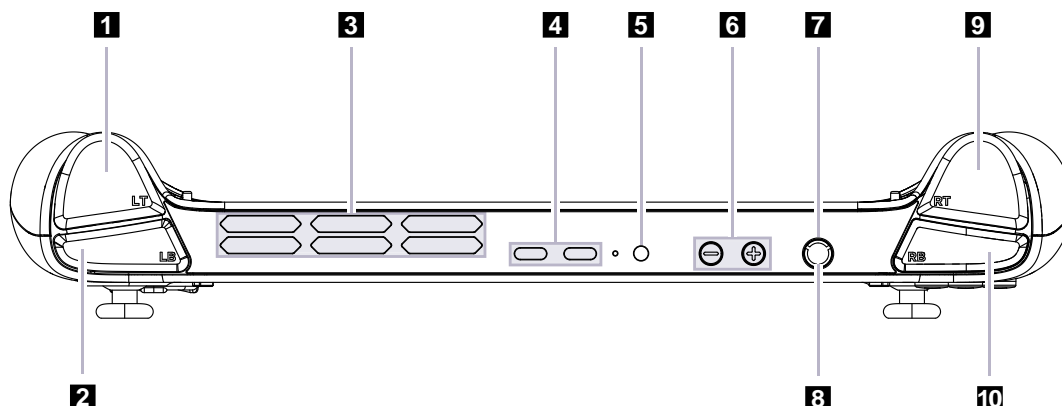## Multi-purpose USB Type-C connector

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 USB specification for data transfer and device interconnection
- Display devices

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

- Thunderbolt™-enabled docks or devices

Combo audio jack

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

Volume buttons

The volume buttons are the 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, 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 when it is not connected to the ac power adapter: powered off, in sleep mode, or in hibernation mode.

Table 5. Power light status and description

Light status	Power state	Battery charge level
White (Blinking slowly)	In sleep mode	91%–100%
Amber (Blinking slowly)	In sleep mode	1%–90%
Off	Powered off or in hibernation mode	/

The color of the power light can indicate the active thermal mode when it is powered on.

Table 6. Power light color and the console's active thermal mode

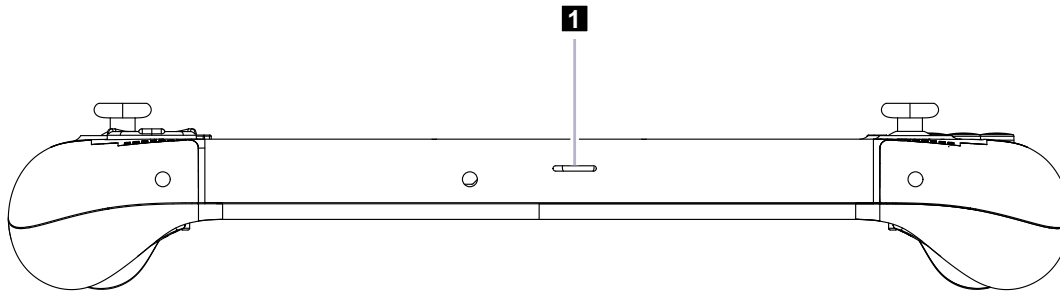| Light color	Thermal mode
White	Balance mode
Blue	Quiet mode
Red	Performance mode
Purple	Custom mode

Bottom view

Figure 4. Bottom view of Legion Go S 8ARP1

Table 7. 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

Length	298.5 mm
Width	127.55 mm
Thickness	22.6 mm

Display

Type	LCD
Screen size (diagonal)	8 inches
Resolution	1920 × 1200
Supported refresh rates	120 Hz
Brightness	500 nits

Connectors and slots

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

USB Type-C	• Quantity: 2
	• Maximum power output: 5 V, 1 A
	• Supported signaling protocols:
	  – USB 2.0 480 Mbps
	  – SuperSpeed+ USB 10 Gbps
	  – DisplayPort 1.4
	  – Thunderbolt 3 40 Gbps
	  – USB4 40 Gbps

ac power adapter

Input	100 V ac–240 V ac, 50 Hz–60 Hz
Output voltage	20 V
Maximum output current	3.25 A
Maximum output power	65 W

Rechargeable battery pack

Capacity	55.5 Wh
Cell type	Lithium-polymer
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

Type	LPDDR5X
Installation	Onboard

Mass storage device

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

Networking

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 8. 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

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 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)

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