

Lenovo Legion 5 15AHP10

Lenovo Legion 5 15AHP10 Gaming Laptop User Manual

Model: Legion 5 15AHP10

INTRODUCTION

This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your Lenovo Legion 5 15AHP10 gaming laptop. Please read this manual thoroughly to ensure proper use and to maximize the performance and longevity of your device.

The Lenovo Legion 5 15AHP10 is a high-performance gaming laptop featuring an AMD Ryzen 7 260 processor, NVIDIA GeForce RTX 5060 graphics, a 15.1-inch OLED WQXGA (2560 x 1600) 165Hz display, and Windows 11 Home operating system.

1. SETUP

1.1 Unpacking and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed in the packing contents are present and undamaged. If any items are missing or damaged, contact your retailer immediately.

- Lenovo Legion 5 15AHP10 Laptop
- Power Adapter and Cable
- PCO Notebook Folding Radiator Laptop Cooler (if bundled)
- Documentation (this manual, warranty information)

1.2 Connecting the Power Adapter

Connect the power adapter to the laptop's power input port. Plug the power cable into a wall outlet. It is recommended to fully charge the battery before initial use.

1.3 First Power On

Press the power button to turn on the laptop. Follow the on-screen instructions to complete the initial setup of Windows 11 Home. This includes setting up your user account, network connection, and basic preferences.

1.4 Connecting Peripherals

Utilize the available ports to connect external devices such as a mouse, keyboard, external monitor, or other accessories. Refer to the "Ports and Connectors" section for a detailed diagram.



Image: The Lenovo Legion 5 15AHP10 laptop shown with the bundled PCO Notebook Folding Radiator laptop cooler, illustrating the complete package.

2. OPERATING YOUR LAPTOP

2.1 Display Features

The laptop features a 15.1-inch OLED WQXGA (2560 x 1600) display with a 165Hz refresh rate, 500 nits peak brightness, and 100% DCI-P3 color gamut for vibrant visuals and smooth motion.

15.1" WQXGA 2560*1600

165Hz

**RGB
Backlit Keyboard**

**100%
DCI-P3**



VESA CERTIFIED

DisplayHDR

OLED

**500 nits
Peak Brightness**



Image: Close-up of the laptop display highlighting its WQXGA resolution, 165Hz refresh rate, RGB backlit keyboard, 100% DCI-P3 color, OLED technology, and 500 nits peak brightness.

2.2 Keyboard and Input

The laptop is equipped with an RGB backlit keyboard and a numeric keypad. Adjust backlight settings through the operating system or dedicated function keys.

2.3 Webcam

A 5MP webcam with an E-shutter is integrated for video conferencing and other applications. The E-shutter provides a physical privacy cover for the webcam.

2.4 Connectivity

The laptop supports Wi-Fi 7 for high-speed wireless internet access and Bluetooth for connecting wireless peripherals.

2.5 Performance Overview

Powered by an AMD Ryzen 7 260 processor (8 Cores, 16 Threads, up to 5.1 GHz) and NVIDIA GeForce RTX

5060 graphics, the laptop delivers robust performance for gaming, content creation, and demanding applications. It features 64GB DDR5 RAM and a 2TB PCIe M.2 SSD for fast multitasking and storage access.



Engineered for peak performance

Perfect Gaming Laptop for Streaming, Music Production, Editing & More: Engineered for peak performance, this VR Ready gaming PC is ideal for gamers, content creators, stock traders, and engineering students alike. Whether you're streaming your favorite titles, producing music, editing 4K videos, or running CAD software, this laptop handles it all with blazing speed and precision.

Image: The Lenovo Legion 5 15AHP10 laptop on a desk, connected to an external monitor and keyboard, illustrating a typical high-performance setup.

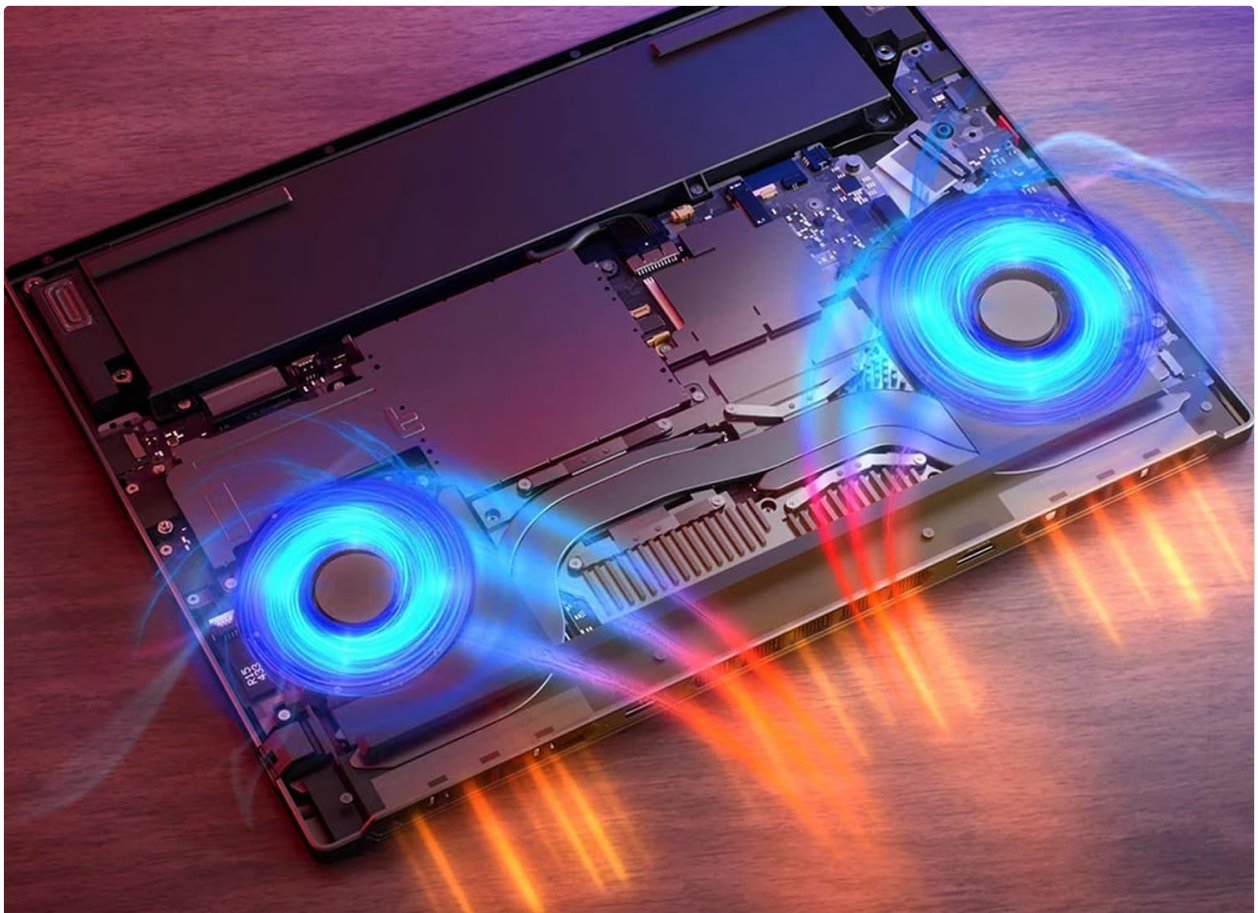
3. MAINTENANCE

3.1 Cleaning Your Laptop

Regularly clean the laptop's screen, keyboard, and chassis with a soft, lint-free cloth. For stubborn marks, use a screen cleaner specifically designed for electronics. Avoid harsh chemicals or abrasive materials.

3.2 Cooling System Care

The Legion 5 15AHP10 features a "LEGION COLDFRONT: HYPER" cooling system with turbo-charged fans and 3D copper heat pipes. Ensure that the ventilation grilles are not obstructed to maintain optimal airflow and prevent overheating. Periodically clean dust from the vents using compressed air.



LEGION COLDFRONT: HYPER Whisper-Quiet Gaming

A combination of turbo-charged fans, massive 3D copper heat pipes and a vacuum-sealed hyperchamber creates improved airflow with air directed away from you.

Image: Internal view of the Lenovo Legion 5 15AHP10's cooling system, showing the fans and heat pipes designed for efficient heat dissipation.

If using the bundled PCO Notebook Folding Radiator Laptop Cooler, ensure it is properly positioned to enhance cooling performance, especially during extended gaming sessions or heavy workloads.

3.3 Battery Care

To prolong battery life, avoid frequently discharging the battery completely. Store the laptop in a cool, dry place when not in use for extended periods. For optimal performance, use only the original power adapter provided with your laptop.

4. TROUBLESHOOTING

This section addresses common issues you might encounter with your laptop. For more complex problems, refer to the Lenovo support website.

4.1 Power Issues

- **Laptop does not turn on:** Ensure the power adapter is securely connected to both the laptop and a

working power outlet. Verify the power adapter is functioning correctly.

- **Battery not charging:** Check the power adapter and cable for damage. Ensure the charging port on the laptop is clean and free of debris.

4.2 Display Issues

- **No display or black screen:** Connect an external monitor to verify if the issue is with the laptop's internal display. Try restarting the laptop.
- **Flickering or distorted display:** Update graphics drivers. Ensure the display resolution and refresh rate are set correctly in Windows settings.

4.3 Connectivity Issues

- **Wi-Fi not connecting:** Ensure Wi-Fi is enabled in Windows settings. Restart your router and the laptop. Update Wi-Fi drivers.
- **Bluetooth device not pairing:** Ensure Bluetooth is enabled on both the laptop and the device. Place devices close to each other during pairing.

4.4 Performance Issues

- **Laptop is slow:** Check for background applications consuming resources. Ensure sufficient free space on the SSD. Run a malware scan.
- **Overheating:** Ensure ventilation grilles are clear. Use the PCO Notebook Folding Radiator Laptop Cooler. Monitor CPU/GPU temperatures with system utilities.

4.5 Accessory Compatibility

Always use genuine or certified compatible accessories, especially power adapters, to prevent damage and ensure optimal performance. Non-original chargers may not provide adequate power or could cause damage over time.

5. SPECIFICATIONS

Detailed technical specifications for the Lenovo Legion 5 15AHP10 laptop.



Image: An infographic summarizing key features including AMD Ryzen 7 260 CPU, NVIDIA GeForce RTX 5060 GPU, up to 64GB DDR5 RAM, up to 4TB PCIe M.2 SSD, Wi-Fi 7, Windows 11 Home, 15.1" WQXGA display, and port configurations.

Feature	Specification
Model Name	Legion 5 15AHP10
Processor	AMD Ryzen 7 260 (8 Cores, 16 Threads, 16MB L3 Cache, 3.8GHz base, up to 5.1GHz max turbo)
Graphics	NVIDIA GeForce RTX 5060 (Dedicated)
Display	15.1" OLED WQXGA (2560 x 1600), 165Hz, 500 Nits, 100% DCI-P3
RAM	64GB DDR5 (3200 MHz)
Storage	2TB PCIe M.2 SSD
Operating System	Windows 11 Home
Wireless Connectivity	Wi-Fi 7 + Bluetooth

Feature	Specification
Webcam	5MP with E-shutter
Keyboard	RGB Backlit Keyboard, Numeric Keypad
Ports	1x USB-C (USB4 40Gbps) with DisplayPort 1.4 1x USB-C (USB 10Gbps) 3x USB-A (USB 5Gbps) 1x HDMI 2.1 (supports up to 8K@60Hz) 1x Headphone / microphone combo 1x Ethernet (RJ45) 1x Power in
Dimensions (LxWxH)	0.85 x 13.85 x 10.05 inches
Weight	4.1 pounds
Color	Black
Power Source	AC & Battery (1x 12V battery included)

Ports & Slots

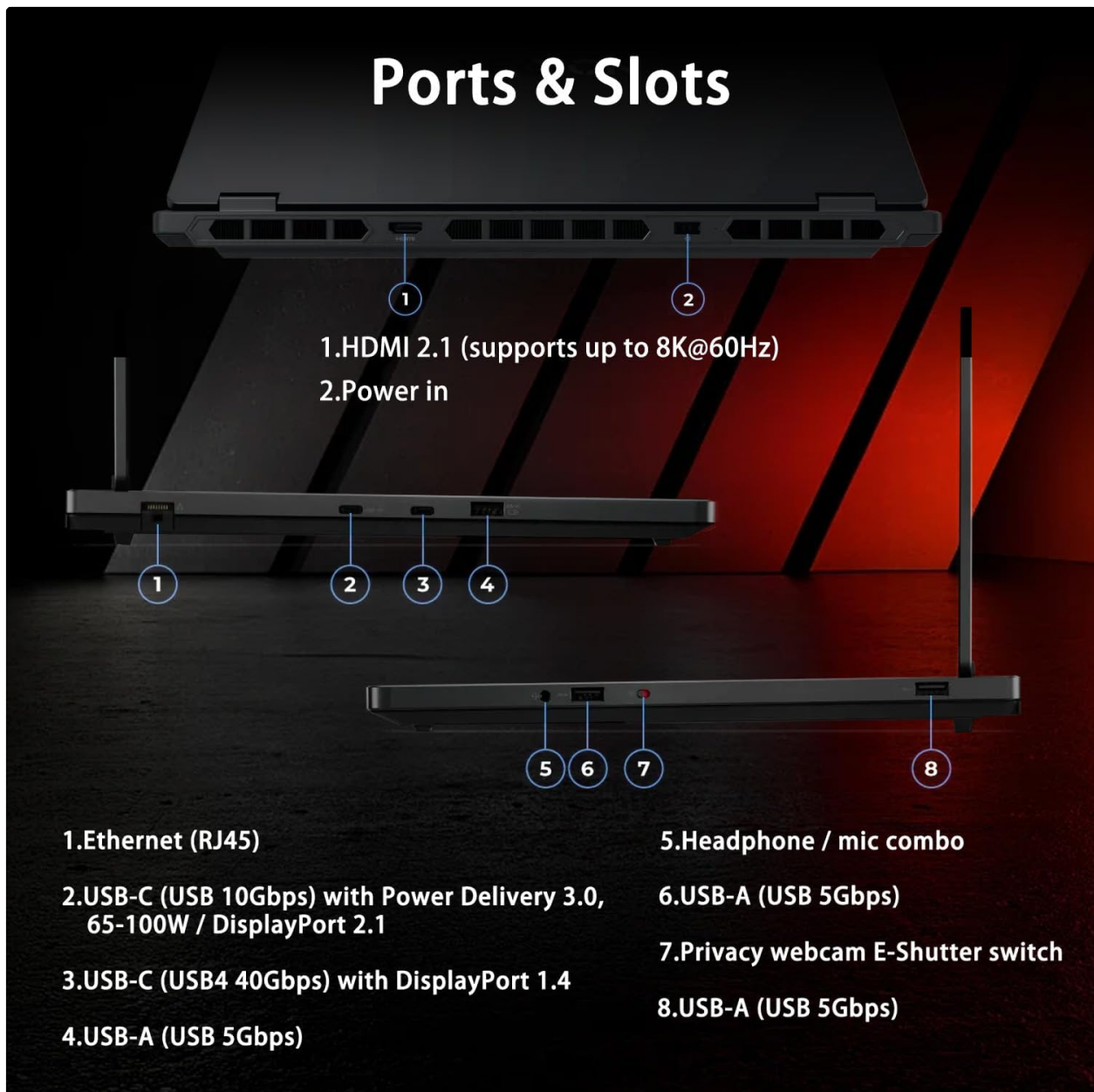


Image: Detailed diagram illustrating the location and type of all ports and slots on the Lenovo Legion 5 15AHP10 laptop, including HDMI, Power, Ethernet, USB-C, USB-A, and headphone/mic combo jack.

6. WARRANTY AND SUPPORT

6.1 Product Warranty

For detailed information regarding the warranty coverage for your Lenovo Legion 5 15AHP10 laptop, please refer to the warranty card included with your product or visit the official Lenovo support website. Warranty terms and conditions may vary by region.

Extended protection plans may be available from your retailer or third-party providers. Review the terms of any such plans carefully.

6.2 Technical Support

If you encounter issues that cannot be resolved using the troubleshooting steps in this manual, please visit the official Lenovo support website for further assistance. You can find drivers, FAQs, and contact information for technical support.

[Visit Lenovo Support](#)

