

[Manuals.plus](#) /

› [Lenovo](#) /

› Lenovo LOQ 15AHP10 Gaming Laptop User Manual

Lenovo LOQ 15AHP10

Lenovo LOQ 15AHP10 Gaming Laptop User Manual

Model: LOQ 15AHP10

1. INTRODUCTION

Welcome to the user manual for your new Lenovo LOQ 15AHP10 Gaming Laptop. This document provides essential information for setting up, operating, maintaining, and troubleshooting your device. Please read this manual thoroughly to ensure optimal performance and longevity of your laptop.

2. PRODUCT OVERVIEW

The Lenovo LOQ 15AHP10 is a high-performance gaming laptop designed for immersive gaming and demanding tasks. It features an AMD Ryzen 7 250 processor, NVIDIA GeForce RTX 5060 graphics, a 15.6-inch FHD 144Hz display, and runs on Windows 11 Home.

Key Features:

- **Processor:** AMD Ryzen 7 250 (8 Cores, 16 Threads, up to 5.1GHz max turbo frequency)
- **Graphics:** NVIDIA GeForce RTX 5060
- **Display:** 15.6" FHD (1920 x 1080), IPS, Anti-Glare, 144Hz refresh rate
- **Memory:** 16GB DDR5 RAM
- **Storage:** 1TB PCIe M.2 Solid State Drive
- **Operating System:** Windows 11 Home
- **Connectivity:** Wi-Fi 6 & Bluetooth 5.3
- **Ports:** USB-C 3.2 Gen 1, USB-A 3.2 Gen 1, HDMI, RJ-45, Headphone/Microphone Combo
- **Additional Features:** Backlit Keyboard, Numeric Keypad, Built-in Webcam with E-Privacy Shutter



Figure 2.1: Lenovo LOQ 15AHP10 Gaming Laptop with the bundled laptop cooler.

NVIDIA GeForce RTX 5060 graphics

Backed by 8GB GDDR7 dedicated video memory for a fast, advanced GPU to fuel your games. NVIDIA GeForce technology optimizes the laptop for high end graphics performance.



Figure 2.2: The laptop's display showcasing its NVIDIA GeForce RTX 5060 graphics capabilities for gaming.

AMD Ryzen 7 250 processor

Imagine, design and create without boundaries. The powerful AMD Ryzen 7 processor features machine intelligence that anticipates your needs.



Figure 2.3: The laptop's display highlighting the AMD Ryzen 7 250 processor's performance.

HDMI output expands your viewing options

Connect to an HDTV or high-def monitor to set up two screens side by side or just see more of the big picture.



Figure 2.4: Side view of the laptop illustrating the available ports for connectivity, including HDMI output.

Built-in FHD webcam with E-Privacy Shutter.

720p resolution generates a clear picture during video chats with your family and friends – or with gaming allies and enemies.



Figure 2.5: The laptop's built-in FHD webcam with E-Privacy Shutter for secure video communication.

3. SETUP

3.1 Unpacking

Carefully remove the laptop and all accessories from the packaging. Ensure all components listed in the packing slip are present.

3.2 Connecting Power

1. Connect the AC adapter to the power port on your laptop.
2. Plug the power cord into a wall outlet.
3. Allow the battery to charge for a few minutes before initial use.

3.3 Initial Boot-Up and Windows 11 Setup

1. Press the power button to turn on the laptop.
2. Follow the on-screen instructions to complete the Windows 11 Home setup process. This includes selecting your region, language, connecting to a Wi-Fi network, and creating a user account.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **To Power On:** Press the power button located on the laptop.
- **To Power Off:** Click the Start button in Windows, then select Power > Shut down.
- **Sleep Mode:** Close the lid or select Power > Sleep from the Start menu.

4.2 Keyboard and Touchpad

- The laptop features a full-size keyboard with a numeric keypad.
- **Backlit Keyboard:** Press **Fn + Spacebar** to cycle through backlight brightness levels (off, low, high).
- The precision touchpad supports multi-touch gestures for navigation.

4.3 Connecting Peripherals

- **USB Devices:** Connect USB-A or USB-C devices to the corresponding ports.
- **External Display:** Use the HDMI port to connect an external monitor or TV.
- **Wired Network:** Connect an Ethernet cable to the RJ-45 port for a stable wired internet connection.
- **Audio:** Use the Headphone/Microphone Combo jack for headsets.

4.4 Wireless Connectivity

- **Wi-Fi 6:** Access Wi-Fi settings via the Windows taskbar to connect to available wireless networks.
- **Bluetooth 5.3:** Enable Bluetooth in Windows settings to pair with compatible devices like headphones or mice.

4.5 Webcam Usage

The built-in FHD webcam can be used for video calls and streaming. It includes an E-Privacy Shutter for physical privacy. Slide the shutter to cover or uncover the camera lens as needed.

5. MAINTENANCE

5.1 Cleaning the Laptop

- Use a soft, lint-free cloth dampened with a small amount of water or a specialized screen cleaner for the display.
- For the keyboard and chassis, use a soft cloth. Avoid harsh chemicals.
- Periodically use compressed air to clear dust from vents.

5.2 Battery Care

- Avoid fully discharging the battery frequently.
- Store the laptop in a cool, dry place if not used for extended periods.
- For optimal battery health, avoid continuous charging at 100% for prolonged durations.

5.3 Software Updates

Regularly check for and install Windows updates and driver updates from the Lenovo support website to ensure system stability and security.

5.4 Cooling

The laptop is bundled with a laptop cooler. Ensure proper airflow around the laptop and use the cooler during intensive tasks to prevent overheating and maintain performance.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Lenovo LOQ 15AHP10 laptop.

6.1 Laptop Does Not Power On

- Ensure the AC adapter is securely connected to both the laptop and a working power outlet.
- Verify the power outlet is functional by plugging in another device.
- If the battery is completely drained, allow it to charge for at least 30 minutes before attempting to power on.

6.2 Display Issues

- **No image on screen:** Check if the laptop is powered on. If an external monitor is connected, try disconnecting it.
- **Dim screen:** Adjust brightness using the function keys (usually F5/F6 or similar icons).

6.3 Wi-Fi Connectivity Problems

- Ensure Wi-Fi is enabled in Windows settings.
- Restart your router and modem.
- Check for updated Wi-Fi drivers on the Lenovo support website.

6.4 System Performance Issues

- Close unnecessary applications running in the background.
- Ensure the laptop's cooling system is not obstructed and consider using the bundled laptop cooler.
- Run a virus scan to check for malware.

7. SPECIFICATIONS

Feature	Specification
Model Name	LOQ 15AHP10
Processor	AMD Ryzen 7 250 (8 Cores, 16 Threads, up to 5.1GHz)
RAM	16 GB DDR5 SDRAM (4800 MHz)
Hard Drive	1 TB PCIe M.2 SSD
Graphics Coprocessor	NVIDIA GeForce RTX 5060
Screen Size	15.6 Inches
Screen Resolution	1920 x 1080 pixels (FHD)
Refresh Rate	144Hz
Operating System	Windows 11 Home

Feature	Specification
Wireless Type	802.11ax (Wi-Fi 6) & Bluetooth 5.3
USB Ports	1 x USB-C 3.2 Gen 1, 3 x USB-A 3.2 Gen 1
Other Ports	1 x HDMI, 1 x RJ-45, 1 x Headphone/Microphone Combo
Item Weight	5.07 lbs (Laptop only)
Product Dimensions	14.17 x 10.19 x 0.94 inches
Color	Grey
Special Features	Backlit Keyboard, Numeric Keypad, Webcam with E-Privacy Shutter

8. WARRANTY AND SUPPORT

Your Lenovo LOQ 15AHP10 Gaming Laptop comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including coverage duration and limitations.

8.1 Technical Support

For technical assistance, driver downloads, or service inquiries, please visit the official Lenovo support website or contact Lenovo customer service. Have your laptop's serial number ready when contacting support.

Lenovo Support Website: <https://support.lenovo.com>