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› Lenovo LOQ 15AHP10 Gaming Laptop User Manual

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Model: LOQ 15AHP10

INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Lenovo LOQ 15AHP10 Gaming Laptop. Please read this guide thoroughly to ensure proper use and to maximize the performance and longevity of your device.

WHAT'S IN THE BOX

- Lenovo LOQ 15AHP10 Gaming Laptop
- Power Adapter and Cable
- Documentation (Quick Start Guide, Warranty Information)

Note: Additional accessories, such as a laptop cooler, may be included depending on your specific purchase bundle.

SETUP

1. **Unpack the Laptop:** Carefully remove the laptop and all accessories from the packaging.
2. **Connect Power:** Plug the power adapter into the laptop's power input port and then into a wall outlet. The laptop can be used while charging.
3. **Initial Power On:** Open the laptop lid and press the power button. Follow the on-screen instructions to complete the Windows 11 Home setup process, including language selection, network connection, and user account creation.
4. **Connect Peripherals:** Connect any external devices such as a mouse, keyboard, or external monitor to the available ports.

OPERATING YOUR LAPTOP

Display

Your laptop features a 15.6-inch Full HD (1920 x 1080) IPS display with anti-glare properties. It offers 100% sRGB color

accuracy, 300 nits brightness, and a 144Hz refresh rate for smooth visuals, especially during gaming.

Processor

The laptop is powered by an AMD Ryzen 7 250 processor, featuring 8 cores and 16 threads, with a base frequency of 3.3GHz and a max turbo frequency of up to 5.1GHz. This processor is designed for demanding tasks and gaming.



Image: Laptop screen showcasing a game character, illustrating the performance of the AMD Ryzen 7 250 processor.

Graphics

Equipped with an NVIDIA GeForce RTX 5060 dedicated graphics card, this laptop delivers high-performance visuals for gaming and graphic-intensive applications. It features 6GB of dedicated video memory.

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.



Image: Laptop screen displaying a game library, demonstrating the visual capabilities of the NVIDIA GeForce RTX 5060 graphics.

Memory and Storage

The laptop comes with 64GB DDR5 RAM, allowing for smooth multitasking. Storage is provided by a 1TB PCIe M.2 Solid State Drive, ensuring fast boot times and quick data access.

Ports and Connectivity

The Lenovo LOQ 15AHP10 offers a variety of ports for connecting external devices:

- 1 x USB-C 3.2 Gen 1
- 3 x USB-A 3.2 Gen 1
- 1 x HDMI 2.1 (for external displays)
- 1 x RJ-45 (Ethernet)
- 1 x Headphone/Microphone Combo Jack

Wireless connectivity includes Wi-Fi 6 for high-speed internet and Bluetooth 5.3 for connecting wireless peripherals.

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.



Image: Rear and side view of the laptop, detailing the available ports for connectivity.

Webcam

A built-in FHD webcam with an E-Privacy Shutter is included for video calls and streaming. The shutter can be manually closed for privacy.

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.



Image: Laptop screen displaying a landscape, highlighting the integrated webcam with its privacy shutter feature.

Keyboard

The laptop features a backlit keyboard with a numeric keypad. The backlight can be adjusted using the Fn+Space key combination.

MAINTENANCE

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and exterior. For stubborn marks, dampen the cloth slightly with water or a screen-safe cleaner. Avoid harsh chemicals.
- **Software Updates:** Regularly update your operating system (Windows 11 Home) and drivers (especially graphics drivers) to ensure optimal performance and security.
- **Battery Care:** To prolong battery life, avoid consistently draining the battery to 0% or keeping it at 100% for extended periods. Store the laptop in a cool, dry place.
- **Ventilation:** Ensure the laptop's vents are not obstructed to prevent overheating. Use on a hard, flat surface or with

a laptop cooler.

TROUBLESHOOTING

No Power / Laptop Not Turning On

- Ensure the power adapter is securely connected to both the laptop and a working power outlet.
- Check if 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.

Display Issues (No Image, Flickering)

- Adjust the screen brightness using the keyboard function keys.
- If an external monitor is connected, try disconnecting it or pressing **Fn** + **F7** (or equivalent) to cycle display outputs.
- Restart the laptop.

Performance Slowdown

- Close unnecessary applications running in the background.
- Check for and install any pending Windows updates or driver updates.
- Ensure the laptop's vents are clear and it is not overheating.
- Run a malware scan.

SPECIFICATIONS

Feature	Detail
Model Name	LOQ 15AHP10
Processor	AMD Ryzen 7 250 (8 Cores, 16 Threads, up to 5.1GHz)
Graphics	NVIDIA GeForce RTX 5060 (6GB Dedicated)
Display	15.6" FHD (1920x1080) IPS, Anti-Glare, 100% sRGB, 300 nits, 144Hz
RAM	64GB DDR5 (Max 64GB)
Storage	1TB PCIe M.2 SSD
Operating System	Windows 11 Home
Ports	1x USB-C 3.2 Gen 1, 3x USB-A 3.2 Gen 1, 1x HDMI 2.1, 1x RJ-45, 1x Headphone/Mic Combo
Wireless Connectivity	Wi-Fi 6, Bluetooth 5.3
Webcam	FHD with E-Privacy Shutter
Keyboard	Backlit, Numeric Keypad
Dimensions (L x W x H)	36 x 25.9 x 2.4 cm (14.17" x 10.19" x 0.94")

Feature	Detail
Weight	2.3 kg (5.07 lbs)
Color	Grey
UPC	198153589661

WARRANTY AND SUPPORT

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

For technical support, driver downloads, or service inquiries, please visit the official Lenovo support website or contact their customer service. Keep your product's serial number (usually found on a sticker on the bottom of the laptop) readily available when seeking support.

Official Lenovo Support: support.lenovo.com

