

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Lenovo](#) /

› [Lenovo LOQ Gaming Laptop User Manual - 15.6" FHD, Intel Core i5-13420H, RTX 3050](#)

## Lenovo LOQ 15.6 Gaming

# Lenovo LOQ Gaming Laptop User Manual

Model: LOQ 15.6 Gaming

## INTRODUCTION

---

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Lenovo LOQ 15.6-inch Gaming Laptop. Please read this guide thoroughly to ensure optimal performance and longevity of your device.

Lenovo

Lenovo

LOQ

15.6" FHD



Intel 13th Generation  
Core i5-13420H



NVIDIA GeForce  
RTX 3050 6GB



Windows 11  
Operating System

Image: The Lenovo LOQ Gaming Laptop, highlighting its 15.6-inch Full HD display and core components like the Intel Core i5-13420H processor and NVIDIA GeForce RTX 3050 graphics.

## GETTING STARTED

---

### What's in the Box

Upon unboxing your Lenovo LOQ Gaming Laptop, verify that the following items are included:

- Lenovo LOQ Gaming Laptop
- Power Adapter

- User Guide (this document)

## Initial Setup

Follow these steps to prepare your laptop for first use:

1. **Connect the Power Adapter:** Plug the power adapter into the laptop's power input port and then into a wall outlet.
2. **Power On:** Open the laptop lid and press the power button, typically located on the keyboard deck.
3. **Initial Windows Setup:** Follow the on-screen instructions to complete the Windows 11 operating system setup, including language selection, network connection, and user account creation.
4. **Charge Battery:** Allow the laptop to charge fully before its first unplugged use.



Image: A top-down view of the Lenovo LOQ Gaming Laptop, showcasing its display and keyboard layout during operation.

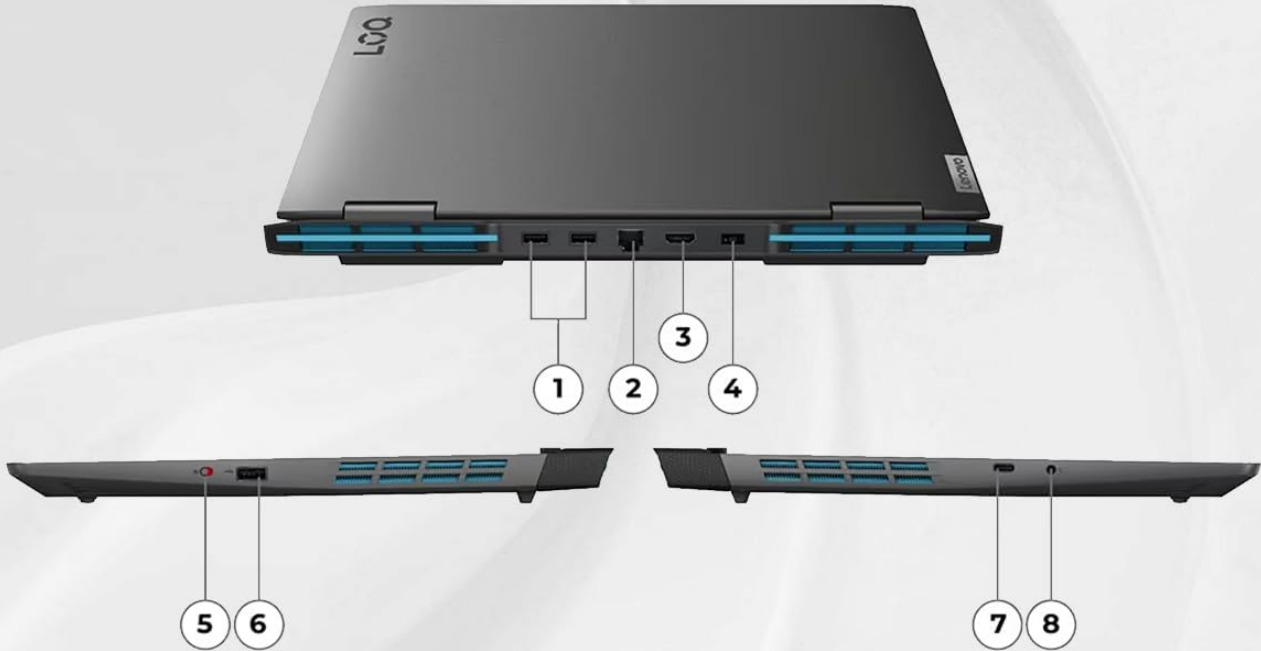
## HARDWARE OVERVIEW

---

### Ports and Connectors

Familiarize yourself with the various ports on your laptop for connecting external devices:

# Ports & Slots



1. 2 x USB-A 3.2 Gen 2 (10Gbps)

2. Ethernet (RJ45)

3. HDMI 2.1

4. Power-in

5. Electronic e-shutter switch

6. USB-A 3.2 Gen 1 (5Gbps)

7. USB-C 3.2 Gen 2 (10Gbps,  
DisplayPort™ 1.4, 140W power delivery)

8. Headphone/mic combo

Image: A detailed diagram illustrating the location and type of ports on the Lenovo LOQ Gaming Laptop, including USB-A, USB-C, HDMI, Ethernet, and audio jacks.

- **USB-A 3.2 Gen 2 (10Gbps):** High-speed data transfer ports.
- **USB-C 3.2 Gen 2 (10Gbps) with DisplayPort 1.4 and 140W Power Delivery:** Versatile port for data, video output, and charging.
- **HDMI 2.1:** For connecting to external displays or TVs.
- **Ethernet (RJ45):** For wired network connections.
- **Power-in:** Connect the power adapter here.
- **Electronic E-shutter switch:** For privacy control of the webcam.
- **Headphone/Mic Combo Jack:** For audio input and output.

## Display and Keyboard

- **Display:** The 15.6-inch Full HD (1920 x 1080) IPS display features a 144Hz refresh rate for smooth visuals, especially beneficial for gaming. It has an anti-glare finish and 350 nits brightness.
- **Keyboard:** The laptop is equipped with a backlit keyboard, allowing for comfortable typing in various lighting conditions.

## OPERATING YOUR LAPTOP

---

### Power Management

- **Power On/Off:** Press the power button to turn the laptop on. To turn off, use the Windows Start menu options (Shut down, Restart).
- **Sleep Mode:** Close the lid or select 'Sleep' from the Windows Start menu to put the laptop into a low-power state.

### Connecting Peripherals

Utilize the available USB ports to connect external devices such as mice, keyboards, and external storage. The HDMI port allows connection to an external monitor for extended display options.

### Network Connectivity

- **Wi-Fi:** Connect to wireless networks using the integrated Wi-Fi 6E module. Access Wi-Fi settings via the Windows taskbar network icon.
- **Bluetooth:** Pair Bluetooth-enabled devices like headphones or game controllers through Windows Bluetooth settings.

### Audio Settings

Adjust audio output and input settings through the Windows Sound settings. The headphone/mic combo jack supports standard 3.5mm audio devices.

## MAINTENANCE AND CARE

---

### Cleaning

- **Screen:** Use a soft, lint-free cloth lightly dampened with water or a screen cleaner. Avoid harsh chemicals.
- **Keyboard and Chassis:** Use a soft cloth to wipe surfaces. Compressed air can be used to clear debris from between keys and vents.



Image: The underside of the Lenovo LOQ Gaming Laptop, displaying the extensive ventilation grilles designed for efficient heat dissipation. Regular cleaning of these vents is recommended for optimal performance.

## Battery Care

To prolong battery life, avoid consistently draining the battery completely or keeping it at 100% charge for extended periods. Periodically allow the battery to discharge and recharge.

## Software Updates

Regularly update your Windows operating system and device drivers to ensure system stability, security, and optimal performance. Check the Lenovo support website for the latest driver updates specific to your model.

## TROUBLESHOOTING

---

### Common Issues and Solutions

- **Laptop does not power on:** Ensure the power adapter is securely connected and the outlet is functional. Try a different outlet.
- **Display issues (no image, flickering):** Check external monitor connections if applicable. Restart the laptop. Update graphics drivers.
- **Wi-Fi or Bluetooth connectivity problems:** Ensure wireless features are enabled in Windows settings. Restart your router/modem. Update network drivers.
- **System crashes or freezes:** Ensure all drivers are up to date. Check for Windows updates. Perform a system scan for malware. If issues persist, consider a system restore or contacting support.
- **Slow performance:** Close unnecessary applications. Check for background processes consuming resources. Ensure sufficient free storage space.

For more complex issues or persistent problems, refer to the Lenovo support website or contact technical support.

## TECHNICAL SPECIFICATIONS

Lenovo

# Specs at a glance

Step up your game and shatter your own expectations, whether you're gaming with your crew or working on projects.



**CPU**  
Intel Core i5-13420H



**CPU**  
NVIDIA GeForce RTX 3050



**RAM**  
16GB DDR5-4800 MHz



**STORAGE**  
1TB Solid State Drive (SSD)

Image: An infographic providing a quick overview of the Lenovo LOQ Gaming Laptop's specifications, including CPU, GPU, RAM, and storage.

Feature	Specification
Model Name	LOQ 15.6 Gaming

Feature	Specification
Operating System	Windows 11
Processor	Intel 13th Generation Core i5-13420H (8-core, 3.4GHz up to 4.6 GHz)
Graphics	NVIDIA GeForce RTX 3050 with 6GB GDDR6
RAM	16GB DDR5-4800 MHz (Expandable to 32GB)
Storage	1TB Solid State Drive (SSD)
Display	15.6" FHD (1920 x 1080) IPS, Anti-Glare, 45%NTSC, 350 nits, 144Hz
Wireless Connectivity	Wi-Fi 6E (802.11ax), Bluetooth
Ports	1x HDMI 2.1, 1x USB-A 3.2 Gen 1, 2x USB-C 3.2 Gen 2 (with DisplayPort 1.4, 140W PD), Ethernet (RJ45), Headphone/Mic Combo Jack
Battery Life	Up to 7 hours (Lithium-polymer, 4-cell)
Dimensions (WxDxH)	14.16 x 10.43 x 0.99 inches
Weight	5.29 pounds
Color	Storm Grey

## WARRANTY AND SUPPORT

---

### Product Warranty

Your Lenovo LOQ Gaming Laptop is covered by Lenovo's standard limited warranty. For detailed terms and conditions, including warranty duration and coverage, please refer to the warranty information provided with your product or visit the official Lenovo support website.

### Technical Support

For technical assistance, driver downloads, or service requests, please visit the official Lenovo Support website at [support.lenovo.com](https://support.lenovo.com). You may also contact Lenovo customer service directly for personalized support.

Additionally, one month of GaLiMu support is included with your purchase for initial setup and troubleshooting assistance.