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## Lenovo LOQ 15IRX10

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# Lenovo LOQ 15IRX10 Gaming Laptop User Manual

Model: LOQ 15IRX10 | Brand: Lenovo

## INTRODUCTION

Welcome to the user manual for your new Lenovo LOQ 15IRX10 Gaming Laptop. This guide provides essential information for setting up, operating, maintaining, and troubleshooting your device. The Lenovo LOQ 15IRX10 is a high-performance gaming laptop featuring a 15.6" FHD IPS 144Hz display, a 13th Generation Intel Core i7-13650HX processor, NVIDIA GeForce RTX 5050 graphics, 24GB DDR5 RAM, and a 1TB NVMe M.2 SSD, running on Windows 11 Home.

Please read this manual thoroughly to ensure proper use and to maximize the lifespan and performance of your laptop.

## WHAT'S IN THE BOX

Upon unboxing your Lenovo LOQ 15IRX10 Gaming Laptop, please verify that all the following items are included:

- Lenovo LOQ 15IRX10 Gaming Laptop
- 245W AC Adapter

- MST 32GB USB Drive
- Quick Start Guide (if applicable, not explicitly listed but common)

If any items are missing or damaged, please contact your retailer or Lenovo support immediately.

## SETUP

### 1. Initial Power On and Charging

Before first use, it is recommended to fully charge your laptop's battery.

1. Connect the 245W AC adapter to the power input port on your laptop.
2. Plug the AC adapter into a power outlet.
3. Press the power button to turn on the laptop.



Image: Rear view of the Lenovo LOQ 15IRX10 laptop showing the power input and other ports.

### 2. Windows 11 Home Setup

Follow the on-screen instructions to complete the initial setup of Windows 11 Home. This includes selecting your region, language, connecting to a network, and creating a user account.

### 3. Connecting to a Network

Your laptop supports Wi-Fi 6 and Gigabit Ethernet.

- **Wi-Fi:** During Windows setup or later, click the Wi-Fi icon in the taskbar, select your network, and enter the password.
- **Ethernet:** Connect an Ethernet cable from your router or modem to the RJ-45 port on the laptop.



Image: Rear view of the laptop highlighting the RJ-45 Ethernet port.

### 4. Connecting Peripherals

Connect external devices such as a mouse, keyboard, or external display.

- **USB Devices:** Use the USB 3.2 Gen 1 Type-A ports or the USB 3.2 Gen 2 Type-C port.
- **External Display:** Connect an external monitor using the HDMI v2.1 port or the USB 3.2 Gen 2 Type-C port (which supports DisplayPort).
- **Audio Devices:** Use the Headphone/Microphone Combo Jack for headsets.



Image: Left side view of the laptop showing USB-C, USB-A, and audio jack ports.



Image: Rear view of the laptop highlighting the HDMI port.

## OPERATING THE LAPTOP

### Keyboard and Touchpad

Your Lenovo LOQ 15IRX10 features a full-size keyboard with a numeric keypad and white backlighting for comfortable typing in various lighting conditions. The touchpad supports multi-touch gestures for intuitive navigation.



Image: Top-down view of the laptop showing the keyboard and touchpad.

## Display

The 15.6-inch Full HD (1920 x 1080) IPS Anti-Glare display offers a 144Hz refresh rate for smooth visuals, especially during gaming. Adjust brightness using the function keys (Fn + F5/F6) or through Windows display settings.

## Audio

The laptop is equipped with stereo speakers (2W x2) optimized with Nahimic Audio for an immersive sound experience. Adjust volume using the function keys (Fn + F1/F2/F3) or Windows sound settings.

## Battery Management

The 4-cell, 60 Wh battery provides up to 6 hours of average usage. For optimal battery life:

- Keep the AC adapter connected during intensive tasks like gaming.
- Utilize Windows power saving modes when not gaming.

- Avoid extreme temperatures.

The laptop supports Super Rapid Charge, allowing it to charge from 0% to 30% in approximately 10 minutes.

## MAINTENANCE

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### Cleaning Your Laptop

- **Screen:** Use a soft, lint-free cloth lightly dampened with water or a screen cleaner. Do not spray liquid directly onto the screen.
- **Keyboard and Chassis:** Use a soft, dry cloth. For stubborn dirt, a slightly damp cloth with mild soap solution can be used, ensuring no liquid enters openings.
- **Vents:** Periodically clean dust from the cooling vents using compressed air to ensure proper airflow and prevent overheating.





Image: Bottom view of the laptop, illustrating the ventilation grilles for cooling.

## Software Updates

Regularly update your operating system, drivers, and applications to ensure optimal performance, security, and compatibility.

- **Windows Updates:** Go to **Settings > Windows Update**.
- **Driver Updates:** Check the official Lenovo support website for the latest drivers for your model. NVIDIA graphics drivers should be updated regularly through GeForce Experience or NVIDIA's website.

## Storage Management

Periodically manage your 1TB NVMe M.2 SSD to maintain performance.

- Delete unnecessary files and applications.
- Use Windows Disk Cleanup or Storage Sense to free up space.
- Consider backing up important data to an external drive or cloud storage.

## TROUBLESHOOTING

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This section addresses common issues you might encounter. For more complex problems, refer to the Lenovo support website or contact technical support.

### No Power / Laptop Not Turning 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.

### Display Issues

- **Blank Screen:** Ensure the laptop is powered on. Try connecting an external monitor to check if the issue is with the laptop's display or the graphics output.
- **Incorrect Resolution/Refresh Rate:** Adjust display settings in Windows (**Settings > System > Display**). Ensure graphics drivers are up to date.

### Network Connectivity Problems

- **Wi-Fi:** Check if Wi-Fi is enabled in Windows settings. Restart your router/modem. Ensure you are connecting to the correct network with the right password.
- **Ethernet:** Verify the Ethernet cable is properly connected. Check network adapter settings in Windows.

### Keyboard Backlight

The Lenovo LOQ 15IRX10 features a white backlit keyboard. If the backlight is not working, ensure it is enabled using the dedicated function key (often Fn + Spacebar or a specific F-key, refer to your keyboard's icons). This model does not support multi-color (RGB) backlighting.



SPECIFICATIONS

Detailed technical specifications for the Lenovo LOQ 15IRX10 Gaming Laptop:

| Feature                | Specification                                                                                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model Name             | LOQ 15IRX10                                                                                                                                                                     |
| Processor              | 13th Gen Intel Core i7-13650HX (14-Core, up to 4.9 GHz)                                                                                                                         |
| Graphics               | NVIDIA GeForce RTX 5050 8GB GDDR6                                                                                                                                               |
| Display                | 15.6" FHD (1920 x 1080) IPS Anti-Glare, 144Hz, 300 nits, 100% sRGB, G-SYNC                                                                                                      |
| RAM                    | 24GB DDR5 4800 MHz                                                                                                                                                              |
| Storage                | 1TB NVMe M.2 SSD                                                                                                                                                                |
| Operating System       | Windows 11 Home                                                                                                                                                                 |
| Keyboard               | Fullsize Backlit Keyboard with Numpad (White Backlight)                                                                                                                         |
| Webcam                 | 5.0MP with E Shutter                                                                                                                                                            |
| Audio                  | Stereo speakers, 2W x2, optimized with Nahimic Audio                                                                                                                            |
| Wireless Connectivity  | Realtek RTL8852BE Wi-Fi 6 (2x2), Bluetooth 5.2                                                                                                                                  |
| Ports                  | 1x USB 3.2 Gen 2 Type-C (Power Delivery / DisplayPort / 10Gbps)<br>3x USB 3.2 Gen 1 Type-A (5Gbps)<br>1x HDMI v2.1<br>1x RJ-45 (Ethernet)<br>1x Headphone/Microphone Combo Jack |
| Battery                | 4 Cell 60 Wh (Up to 6 hours average usage)                                                                                                                                      |
| Power Adapter          | 245W AC Adapter                                                                                                                                                                 |
| Dimensions (L x W x H) | 14.17" x 10.19" x 0.94" (360mm x 259mm x 23.9mm)                                                                                                                                |

| Feature | Specification     |
|---------|-------------------|
| Weight  | 5.29 lbs (2.4 kg) |
| Color   | Luna Grey         |

## WARRANTY AND SUPPORT

Your Lenovo LOQ 15IRX10 Gaming Laptop comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty documentation included with your product or visit the official Lenovo support website.

### Technical Support

For technical assistance, driver downloads, or further information, please visit the official Lenovo Support website: [support.lenovo.com](https://support.lenovo.com). You will need your laptop's serial number, which can usually be found on a sticker on the bottom of the device or within the system information in Windows.

### Protection Plans

Extended protection plans may be available for purchase to cover your device beyond the standard warranty period. These plans often include accidental damage protection and extended service. Please check with your retailer or Lenovo for available options.

- 2-Year Protection Plan
- 4-Year Protection Plan
- Complete Protect (monthly billing option)

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### Related Documents - LOQ 15IRX10

|                                                                                     |                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><a href="#">Lenovo LOQ Tower 17IRR9 Quick Start Guide</a></p> <p>This document provides essential setup information and regulatory details for the Lenovo LOQ Tower 17IRR9 desktop computer, including radio frequency compliance and connection diagrams.</p> |
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|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <h3><a href="#">Lenovo LOQ Series Quick Start and Overview</a></h3> <p>A concise guide to the Lenovo LOQ Series laptops, covering setup, component identification, port descriptions, and radio frequency information.</p>                                                                                                               |
|    | <h3><a href="#">Lenovo LOQ 15AHP10 and 15IRX10 User Guide</a></h3> <p>Comprehensive user guide for the Lenovo LOQ 15AHP10 and 15IRX10 laptops, covering hardware components, Windows setup, power management, system features, and troubleshooting.</p>                                                                                  |
|    | <h3><a href="#">Lenovo LOQ 15IRX10 Laptop User Manual and Quick Start Guide</a></h3> <p>Official user manual and quick start guide for the Lenovo LOQ 15IRX10 laptop (model 83JE00MSFR), covering setup, component overview, port descriptions, SAR information, and access to the full user guide. Also mentions model LOQ 15AHP10.</p> |
|    | <h3><a href="#">Lenovo LOQ 15AHP10 and 15IRX10 Hardware Maintenance Manual</a></h3> <p>Comprehensive hardware maintenance manual for Lenovo LOQ 15AHP10 and 15IRX10 laptops, providing detailed instructions on safety, component identification, and repair procedures for service technicians.</p>                                     |
|  | <h3><a href="#">Lenovo LOQ 15AHP10 &amp; 15IRX10 Hardware Maintenance Manual</a></h3> <p>Comprehensive hardware maintenance manual for Lenovo LOQ 15AHP10 and Lenovo LOQ 15IRX10 laptops, covering safety, general checks, FRU identification, removal, and label locations.</p>                                                         |

## ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

### Name

### Email

### Question

Example: How do I reset this device or fix this error?



### Details

Model number, symptoms, what you tried, or the section of the manual you are using.



**Submit question**

#### LENOVO LOQ 15IRX10

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Search model numbers, browse help resources, and jump straight into the next PDF manual or troubleshooting page without losing your place.

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