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- › [Lenovo](#) /
- › [Lenovo LOQ 15IAX9I Gaming Laptop User Manual](#)

Lenovo 83FQ002LUS-CTO

Lenovo LOQ 15IAX9I Gaming Laptop User Manual

Model: 83FQ002LUS-CTO

INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your Lenovo LOQ 15IAX9I Gaming Laptop. Please read this guide thoroughly to ensure proper use and to maximize the performance and longevity of your device. The Lenovo LOQ 15IAX9I is a high-performance gaming laptop designed for immersive gaming and demanding tasks, featuring a powerful Intel i5-12450HX processor and Intel Arc A530M graphics.



Figure 1: Front view of the Lenovo LOQ 15IAX9I Gaming Laptop, showcasing the display and keyboard.

PRODUCT OVERVIEW

The Lenovo LOQ 15IAX9I is equipped with advanced components to deliver a robust computing experience. Key features include:

- **Display:** 15.6" FHD (1920 x 1080) IPS Anti-Glare 300 nits, 100% sRGB, 144Hz, Thin Bezel LCD for vibrant visuals and smooth gameplay.
- **Processor:** 12th Generation Intel i5-12450HX 8-Core, providing strong performance for multitasking and gaming.
- **Graphics:** Intel Arc A530M 4GB GDDR6 dedicated graphics for enhanced visual processing.
- **Memory:** 16GB DDR5 4800 MHz SDRAM for efficient data handling.
- **Storage:** 1TB NVMe M.2 SSD for fast boot times and ample storage.
- **Keyboard:** Full-size Backlit Keyboard with Numpad for comfortable typing and gaming in various lighting conditions.
- **Connectivity:** Realtek Wi-Fi 6 (2x2), Bluetooth 5.2, and 10/100/1000Mbps LAN for reliable network connections.
- **Operating System:** Pre-installed with Windows 10 Pro.



Figure 2: Top-down view of the laptop's backlit keyboard with numeric keypad.

SETUP

1. Unboxing and Initial Inspection

Carefully remove the laptop and all accessories from the packaging. Verify that all components are present:

- Lenovo LOQ 15IAX9I Gaming Laptop
- 170W AC Adapter
- ONT 32GB USB Drive
- Documentation (this manual, warranty information)

Inspect the laptop for any physical damage. If any damage is found or components are missing, contact your retailer or Lenovo support immediately.

2. Connecting the Power Adapter

Before first use, connect the AC adapter to the laptop and a power outlet. The laptop battery may not be fully charged upon arrival.

1. Plug the rectangular power jack into the corresponding port on the laptop.
2. Connect the power cord to the AC adapter and then to a wall outlet.



Figure 3: Rear view of the laptop, highlighting the power input and other ports.

3. Initial Power On

Press the power button, typically located on the keyboard deck, to turn on the laptop. Follow the on-screen instructions to complete the initial Windows 10 Pro setup, including language selection, network connection, and user account creation.

OPERATING THE LAPTOP

1. Using the Keyboard and Touchpad

The laptop features a full-size backlit keyboard with a numeric keypad. Familiarize yourself with the function keys (F1-F12) which often control features like screen brightness, volume, and keyboard backlight. The touchpad supports multi-touch gestures for navigation.

2. Connecting to Networks

Your laptop supports both wireless (Wi-Fi 6) and wired (Ethernet) network connections.

- **Wi-Fi:** Click the network icon in the Windows taskbar, select your desired Wi-Fi network, and enter the password if prompted.
- **Ethernet:** Connect an Ethernet cable from your router or modem to the RJ-45 LAN port on the laptop.

3. Using External Devices and Ports

The Lenovo LOQ 15IAX9I provides a variety of ports for connecting external devices:

- **1x USB 3.2 Gen 2 Type-C:** Supports Power Delivery, DisplayPort, and 10Gbps data transfer.
- **3x USB 3.2 Gen 1 Type-A:** Supports 5Gbps data transfer for peripherals like mice, keyboards, or external drives.
- **1x HDMI v2.1:** For connecting to external monitors or TVs.
- **1x Headphone/Microphone Combo Jack:** For audio input/output.
- **1x Rectangle plug Power Jack:** For connecting the AC adapter.



Figure 4: Angled view of the laptop, illustrating the various ports on the left side.

MAINTENANCE

1. Battery Care

The laptop is equipped with a 4-cell 60Wh battery. To prolong battery life:

- Avoid extreme temperatures.
- Do not leave the laptop plugged in at 100% charge for extended periods if not in use.
- Periodically discharge the battery to about 20% before recharging.

2. Cleaning the Laptop

Regular cleaning helps maintain performance and appearance:

- **Screen:** Use a soft, lint-free cloth slightly 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 dampened cloth with mild soap solution can be used, ensuring no liquid enters openings.
- **Vents:** Use compressed air to clear dust from the cooling vents to prevent overheating.

3. Software Updates

Keep your operating system and drivers updated to ensure optimal performance, security, and compatibility. Windows Update will handle most OS updates, and Lenovo Vantage software (if pre-installed) can assist with driver updates.

TROUBLESHOOTING

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

contact technical support.

1. Power Issues

- **Laptop does not turn on:** Ensure the AC adapter is securely connected to both the laptop and a working power outlet. Check if the power outlet is functional. Try holding the power button for 10-15 seconds to perform a hard reset.
- **Battery not charging:** Verify the AC adapter is correctly connected. Check the power adapter for any damage.

2. Display Issues

- **No display on screen:** Connect an external monitor via HDMI to check if the issue is with the laptop's internal display. If the external monitor works, the internal display or its connection may be faulty. Try adjusting screen brightness using function keys.
- **Flickering screen:** Update your graphics drivers. This can often resolve display flickering.

3. Connectivity Issues

- **Wi-Fi not connecting:** Ensure Wi-Fi is enabled (check function keys or Windows settings). Restart your router and modem. Update wireless drivers.
- **Bluetooth device not pairing:** Ensure Bluetooth is enabled on both the laptop and the device. Make sure the device is in pairing mode.

SPECIFICATIONS

The following table details the technical specifications of the Lenovo LOQ 15IAX9I Gaming Laptop:

Feature	Specification
Brand	Lenovo
Series	LOQ 15IAX9I
Model Number	83FQ002LUS-CTO
Operating System	Windows 10 Pro
Screen Size	15.6 Inches
Screen Resolution	1920 x 1080 pixels
Max Screen Resolution	1920x1080 Pixels
Processor	12th Generation Intel i5-12450HX 8-Core (2.1 GHz, up to 4.4 GHz)
RAM	16 GB DDR5 4800 MHz
Hard Drive	1 TB NVMe M.2 SSD
Graphics Coprocessor	Intel Arc A530M 4GB GDDR6
Wireless Type	802.11ax (Wi-Fi 6)
Bluetooth	Bluetooth 5.2
LAN	10/100/1000Mbps
USB Ports	1x USB 3.2 Gen 2 Type-C, 3x USB 3.2 Gen 1 Type-A
HDMI Port	1x HDMI v2.1

Feature	Specification
Audio Jack	1x Headphone/Microphone Combo Jack
Battery	4 Cell 60Wh (Up to 6 hours average usage)
Item Weight	5.25 pounds
Product Dimensions	14.17 x 10.19 x 0.94 inches
Color	Luna Grey

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Lenovo support website. Lenovo provides technical support and resources to assist with any issues or questions you may have regarding your LOQ 15IAX9I Gaming Laptop.

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

Please have your product's serial number ready when contacting support. The serial number is typically located on a sticker on the bottom of the laptop or can be found in the system information within Windows.

OFFICIAL PRODUCT VIDEOS

No official product videos from the seller were found for this model in the provided data. For product demonstrations or tutorials, please check the official Lenovo YouTube channel or support website.

