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## Lenovo LOQ 15IAX9E

# Lenovo LOQ 15IAX9E Gaming Laptop User Manual

Model: LOQ 15IAX9E (83LK00)

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## 1. INTRODUCTION

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This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Lenovo LOQ 15IAX9E gaming laptop. Please read this manual thoroughly to ensure optimal performance and longevity of your device.



Figure 1: Lenovo LOQ 15IAX9E Gaming Laptop (Top-down view)

## 2. SETUP

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### 2.1 Unboxing

Carefully remove all components from the packaging. Ensure the following items are present:

- Lenovo LOQ 15IAX9E Laptop
- 135W AC Adapter
- 32GB USB Drive (for system recovery or additional storage)
- Documentation (this manual, warranty card)

### 2.2 Initial Power-On

1. Connect the AC adapter to the laptop's power jack (rectangle plug) and then to a power outlet.
2. Open the laptop lid.
3. Press the power button, typically located above the keyboard or on the side.
4. Follow the on-screen instructions to complete the Windows 11 Pro setup.



Figure 2: Angled view of the laptop, ready for initial setup.

## 2.3 Connecting Peripherals

Your laptop is equipped with various ports for connecting external devices:

- **USB 3.2 Gen 1 Type-C (1x):** For high-speed data transfer (up to 5Gbps).
- **USB 3.2 Gen 1 Type-A (2x):** For connecting standard USB devices (up to 5Gbps).
- **HDMI v2.1 (1x):** For connecting to external displays or TVs.
- **RJ-45 LAN (1x):** For wired network connection.
- **Headphone/Microphone Combo Jack (1x):** For audio input/output.
- **Card Reader (1x):** For reading memory cards.



Figure 3: Left side ports including power, HDMI, USB-C, and USB-A.



Figure 4: Right side ports including USB-A and card reader.

## 3. OPERATING YOUR LAPTOP

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### 3.1 Keyboard and Touchpad

The laptop features a full-size keyboard with a numeric keypad for enhanced productivity and gaming. The touchpad supports multi-touch gestures for intuitive navigation.



Figure 5: Keyboard and touchpad layout.

### 3.2 Display Settings

Your 15.6-inch Full HD (1920x1080) IPS display offers a 144Hz refresh rate for smooth visuals, especially beneficial for gaming. You can adjust display settings (brightness, resolution, refresh rate) through Windows Display Settings.

### 3.3 Power Management

The laptop is equipped with a 3-cell, 57 Wh battery, providing up to 6 hours of average usage. For optimal gaming performance, it is recommended to keep the laptop connected to the AC adapter.

### 3.4 Wireless Connectivity

The laptop supports Intel Wi-Fi 6 AX203 (2x2) for fast and reliable wireless internet access, and Bluetooth 5.2 for connecting wireless peripherals like headsets and mice.

### 3.5 Gaming Performance

Leverage the Intel Core i5-12450HX processor and NVIDIA GeForce RTX 2050 4GB GDDR6 graphics for a powerful gaming experience. Ensure your drivers are up to date for the best performance. Utilize the Lenovo Vantage software (pre-installed) to manage thermal modes and optimize performance settings for different scenarios (e.g., Performance Mode for gaming, Quiet Mode for light tasks).

Your browser does not support the video tag.

Video 1: Product Overview. This video provides a general overview of a Lenovo LOQ laptop, showcasing its design and features. While not specific to the 15IAX9E model, it illustrates common aspects of the LOQ series.

## 4. MAINTENANCE

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### 4.1 Cleaning

Regularly clean your laptop to maintain its appearance and performance:

- Use a soft, lint-free cloth to wipe the screen and chassis.
- For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner.
- Use compressed air to clear dust from keyboard keys and ventilation grilles.



Figure 6: Bottom panel with ventilation for cooling.

## 4.2 Software Updates

Keep your operating system (Windows 11 Pro) and device drivers updated to ensure security, stability, and optimal performance. Check for updates regularly through Windows Update and Lenovo Vantage.

## 4.3 Upgrades

The Lenovo LOQ 15IAX9E is designed for easy access to internal components for potential upgrades. You can upgrade the RAM (DDR5) and storage (NVMe M.2 SSD) to enhance performance. Refer to the detailed service manual or consult a qualified technician before attempting any internal upgrades.

## 5. 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 customer service.

- **No Power:** Ensure the AC adapter is securely connected to both the laptop and a working power outlet. Check the power indicator light.
- **Display Issues:** If the screen is blank, try connecting an external monitor to verify if the issue is with the laptop's display. Adjust brightness settings.
- **Performance Slowdown:** Close unnecessary applications, check for background processes, ensure adequate ventilation, and update drivers.
- **Connectivity Problems:** For Wi-Fi, ensure the wireless adapter is enabled and you are connected to the correct network. For Bluetooth, ensure the device is discoverable and within range.

## 6. SPECIFICATIONS

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Feature	Detail
Model Name	LOQ 15IAX9E
Item Model Number	83LK00
Processor	Intel Core i5-12450HX (8-Core, up to 4.4 GHz)
Graphics	NVIDIA GeForce RTX 2050 4GB GDDR6
RAM	8GB DDR5 4800 MHz
Storage	512GB NVMe M.2 SSD
Display	15.6" FHD (1920x1080) IPS, 300 nits, Anti-glare, 100% sRGB, 144Hz
Operating System	Windows 11 Pro
Wireless Connectivity	Intel Wi-Fi 6 AX203 (2x2), Bluetooth 5.2
Ports	1x USB 3.2 Gen 1 Type-C, 2x USB 3.2 Gen 1 Type-A, 1x HDMI v2.1, 1x RJ-45 LAN, 1x Headphone/Microphone Combo Jack, 1x Card Reader, 1x Rectangle plug Power Jack
Battery	3 Cell 57 Wh (up to 6 hours average usage)
Dimensions (LxWxH)	14.17 x 9.3 x 0.93 inches
Weight	3.9 lbs (approx. 1.77 kg)
Color	Luna Grey

## 7. WARRANTY AND SUPPORT

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Your Lenovo LOQ 15IAX9E laptop comes with a 1-Year Support from Lenovo within the US. For warranty claims, technical assistance, or further support, please refer to the official Lenovo support channels.

**Online Support:** Visit the official Lenovo support website for drivers, manuals, and troubleshooting guides.

**Third-Party Seller Support:** If purchased from a third-party seller like "Rocket Computer" on Amazon, they may offer additional support or return policies. Please check your purchase details for specific seller contact information.