Lenovo Legion Pro 5 16IAX10

Lenovo Legion Pro 5 16IAX10 Gaming Laptop User Manual

Model: Legion Pro 5 16IAX10 (83F3000PUS)

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Lenovo Legion Pro 5 16IAX10 gaming laptop. Please read this manual thoroughly before operating your device and retain it for future reference.

2. SETUP

2.1 Unboxing and Initial Inspection

Carefully remove the laptop and all accessories from the packaging. Inspect for any signs of damage. If any components are missing or damaged, contact your retailer immediately.

2.2 Connecting Power

1. Connect the power cord to the 245W AC adapter.
2. Plug the AC adapter into the power input port on your laptop.
3. Plug the other end of the power cord into a grounded electrical outlet.

It is recommended to fully charge the battery before initial use.

Image: The Lenovo Legion Pro 5 16IAX10 laptop, open and powered on, showcasing its display and RGB backlit keyboard.

2.3 First Boot and Operating System Setup

Press the power button to turn on your laptop. The device comes pre-installed with Windows 11 Home. Follow the on-screen instructions to complete the initial Windows setup, including language selection, network connection, and user account creation.

3. OPERATING

3.1 Display Features

Your laptop features a 16-inch WQXGA (2560 x 1600) IPS Anti-Glare display with a 165Hz refresh rate. It supports Dolby Vision and G-SYNC for enhanced visual performance. Adjust display settings via Windows Display Settings or NVIDIA Control Panel for optimal experience.

3.2 Keyboard and Input

The full-size keyboard includes a numeric keypad and 24-Zone RGB backlighting. Customize RGB lighting effects through the pre-

installed Lenovo software (e.g., Lenovo Vantage).

Image: A detailed view of the laptop's keyboard, highlighting the RGB backlighting and numeric keypad.

3.3 Audio System

Equipped with stereo speakers (2W x2) optimized with Nahimic Audio, providing immersive sound. Adjust audio settings and profiles using the Nahimic Audio software.

3.4 Connectivity

- **Wireless:** MediaTek Wi-Fi 7 MT7925 (2x2) for high-speed internet and Bluetooth 5.4 for peripheral connections.
- **Wired:** 10/100/1000Mbps LAN port for stable wired network connections.

3.5 Ports and Connectors

The laptop offers a variety of ports for connecting external devices:

- 1 x USB Thunderbolt 4 / USB4 40Gbps Type-C (supports DisplayPort)

- 1 x USB 3.2 Gen 2 Type-C (supports DisplayPort / 10Gbps)

- 1 x USB 3.2 Gen 2 Type-A (supports Always On / 10Gbps)

- 2 x USB 3.2 Gen 1 Type-A (5Gbps)

- 1 x Headphone/Microphone Combo Jack

- 1 x HDMI v2.1

- 1 x RJ-45 (Ethernet)

Image: The left side of the laptop, displaying the USB-C ports and headphone jack.

Image: The right side of the laptop, showing the USB-A ports.

4. MAINTENANCE

4.1 General Care and Cleaning

- Use a soft, lint-free cloth to clean the screen and chassis. Avoid abrasive cleaners.
- Keep ventilation openings clear of dust and debris to ensure proper airflow.
- Avoid exposing the laptop to extreme temperatures, direct sunlight, or liquids.

4.2 Software Updates

Regularly update your Windows operating system, graphics drivers (NVIDIA GeForce RTX 5070), and Lenovo-specific software to ensure optimal performance and security. You can typically find driver updates on the official Lenovo support website.

4.3 Battery Care

To prolong battery life (4 Cell 80 Wh, up to 6 hours average usage), avoid constantly discharging it to 0% or keeping it at 100% for extended periods. Utilize power management settings in Windows to optimize battery usage.

4.4 Storage Management

Your laptop is equipped with a 2TB NVMe M.2 SSD. Regularly manage your storage by deleting unnecessary files and uninstalling unused applications to maintain performance. The included MST 32GB USB Drive can be used for data backup or system recovery purposes.

5. TROUBLESHOOTING

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

5.1 Power Issues

- **Laptop not turning on:** Ensure the AC adapter is securely connected to both the laptop and a working power outlet. Check if the power indicator light is on.
- **Battery not charging:** Verify the AC adapter connection. Try a different power outlet. If the issue persists, the battery or adapter may require service.

5.2 Display Problems

- **No image on screen:** Connect an external monitor to the HDMI port to check if the issue is with the laptop's internal display. Ensure the display brightness is not set to minimum.
- **Flickering or distorted image:** Update your NVIDIA graphics drivers. Check display cable connections if using an external monitor.

5.3 Network Connectivity Issues

- **Wi-Fi not connecting:** Ensure Wi-Fi is enabled in Windows settings. Restart your router and laptop. Check for updated Wi-Fi 7 drivers.
- **Wired LAN not working:** Verify the Ethernet cable connection. Check network adapter settings in Windows.

6. SPECIFICATIONS

Feature	Detail
Model Name	Legion Pro 5 16IAX10
Item Model Number	83F3000PUS
Display	16" WQXGA (2560 x 1600) IPS Anti-Glare, 500 nits, 100% sRGB, 165Hz, Dolby Vision, G-SYNC
Processor	Intel Core Ultra 7 255HX (20-Core, up to 5.2 GHz)
Graphics	NVIDIA GeForce RTX 5070 8GB GDDR6 (Dedicated)
Memory (RAM)	48GB DDR5 5600 MHz SDRAM
Storage	2TB NVMe M.2 SSD
Operating System	Windows 11 Home
Keyboard	Fullsize 24-Zone RGB Backlit Keyboard with Numpad
Wireless Connectivity	MediaTek Wi-Fi 7 MT7925 (2x2), Bluetooth 5.4
Wired Connectivity	10/100/1000Mbps LAN (RJ-45)

Feature	Detail
Ports	1x Thunderbolt 4 (USB4 40Gbps Type-C), 1x USB 3.2 Gen 2 Type-C, 1x USB 3.2 Gen 2 Type-A, 2x USB 3.2 Gen 1 Type-A, 1x HDMI v2.1, 1x Headphone/Microphone Combo Jack, 1x RJ-45
Camera	5.0MP with E Shutter
Audio	Stereo speakers (2W x2), optimized with Nahimic Audio
Battery	4 Cell 80 Wh (Up to 6 hours average usage)
Power Adapter	245W AC Adapter
Dimensions (LxWxH)	14.36 x 10.34 x 0.86 inches
Weight	9.99 pounds (Note: Product description states 5.36 lbs, specification table states 9.99 lbs. Please refer to official Lenovo documentation for precise weight.)
Color	Onyx Grey

7. WARRANTY AND SUPPORT

7.1 Product Warranty

Your Lenovo Legion Pro 5 16IAX10 laptop is covered by a manufacturer's warranty. Please refer to the warranty documentation included with your product or visit the official Lenovo website for detailed terms and conditions regarding warranty coverage and duration.

7.2 Technical Support

For technical assistance, driver downloads, or further troubleshooting, please visit the official Lenovo Support website. You will need your product's serial number (typically found on a label on the bottom of the laptop) to access specific support resources. Official Lenovo Support: https://support.lenovo.com/