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Lenovo V15 Gen 4 Business Laptop User Manual

Model: V15 Gen 4 83CQ

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Lenovo V15 Gen 4 Business Laptop. Please read this manual thoroughly to ensure proper use and to maximize the lifespan of your device.

WHAT'S IN THE BOX

- Lenovo V15 Gen 4 Laptop
- 65W AC Adapter with Power Cord
- User Manual (this document)

PRODUCT OVERVIEW

The Lenovo V15 Gen 4 is a business-grade laptop designed for efficiency and reliability. It features an AMD Ryzen 5 7520U processor, 16GB DDR5 RAM, and a 512GB PCIe NVMe M.2 SSD, running on Windows 11 Pro.
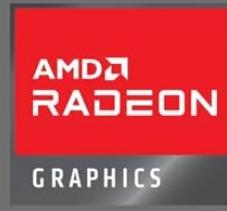
Figure 1: Front view of the Lenovo V15 Gen 4 Laptop.

Key Features

CPU: AMD Ryzen 5 7520U	**Graphics:** AMD Radeon 610M Graphics
Hard Drive: Up to 512GB PCIe SSD	**Memory:** Up to 16GB DDR5 RAM	**Wi-Fi 6 & Bluetooth 5.2**

Display: 15.6" FHD (1920 x 1080)

Operating System: Windows 11 Pro

Figure 2: Key features of the Lenovo V15 Gen 4 Laptop.

Component Identification

Familiarize yourself with the various ports and components of your laptop.

Ports

Wi-Fi 6

Bluetooth 5.2

Power connector

USB 3.2 Gen 1 Type-A

HDMI

USB 3.2 Gen 1 Type-C

Headphone / microphone combo jack

USB 3.2 Gen 1 Type-A

Ethernet (RJ-45)

Kensington Nano Security Slot

Figure 3: Port layout of the Lenovo V15 Gen 4 Laptop.

- **Left Side Ports:** Power connector, USB 3.2 Gen 1 Type-A, HDMI 1.4b, USB 3.2 Gen 1 Type-C (supports data transfer, Power Delivery, and DisplayPort 1.2), Headphone/microphone combo jack.
- **Right Side Ports:** USB 3.2 Gen 1 Type-A, Ethernet (RJ-45), Kensington Nano Security Slot.

SETUP INSTRUCTIONS

1. **Unpack the Laptop:** Carefully remove the laptop and all accessories from the packaging.
2. **Connect Power:** Plug the 65W AC adapter into the laptop's power connector and then into a power outlet.
3. **Initial Power On:** Open the laptop lid and press the power button. The laptop will guide you through the initial Windows 11 Pro setup process.
4. **Connect to Network:** During setup, connect to a Wi-Fi network or use an Ethernet cable for internet access.
5. **Complete Windows Setup:** Follow the on-screen prompts to configure your operating system, create a user

account, and install updates.

OPERATING INSTRUCTIONS

Power Management

- **Power On:** Press the power button located on the top-right of the keyboard.
- **Sleep Mode:** Close the lid or select "Sleep" from the Start menu.
- **Shut Down:** Go to Start > Power > Shut down.
- **Restart:** Go to Start > Power > Restart.

Display and Visuals

The laptop features a 15.6-inch Full HD (1920 x 1080) anti-glare display with TÜV Low Blue Light certification for reduced eye strain.

You can connect up to two external monitors via the HDMI and Type-C ports, supporting resolutions up to 4K (3840x2160) at 60Hz without a docking station.

Webcam and Collaboration

The integrated HD webcam includes a privacy shutter for enhanced security during video calls.

Figure 5: Collaboration features including webcam and keyboard.

Keyboard and Input

The full-sized keyboard features a numeric keypad for efficient data entry and is designed to be spill-resistant.

Audio

Experience clear audio with dual-array microphones and 2 x 1.5W stereo speakers, enhanced by Dolby Audio.

Figure 6: Audio features of the Lenovo V15 Gen 4 Laptop.

Connectivity

- **Wireless:** Integrated Wi-Fi 6 (802.11ax) and Bluetooth 5.2 for fast and reliable wireless connections.
- **Wired:** Ethernet (RJ-45) port for stable wired network access.

Battery Life and Charging

The laptop is equipped with a battery that provides approximately 10 hours of average usage. It supports rapid charging, reaching up to 80% capacity in one hour.

Powerfully sustained battery

charge up to

80% in 1hr

Figure 7: Battery charging capability.

MAINTENANCE

- **Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner to clean the display. For the keyboard and chassis, use a soft, dry cloth. Avoid harsh chemicals.
- **Software Updates:** Regularly check for and install operating system and driver updates to ensure optimal performance and security.
- **Battery Care:** To prolong battery life, avoid extreme temperatures and fully discharging the battery frequently.
- **Storage:** Store the laptop in a cool, dry place when not in use.

TROUBLESHOOTING

Common Issues and Solutions

- **Laptop does not power on:** Ensure the AC adapter is securely connected to both the laptop and a working power outlet. Try a different outlet.
- **Screen is blank:** Check if the laptop is in sleep mode. Press any key or the power button to wake it. Ensure external monitors are properly connected if in use.
- **No internet connection:** Verify Wi-Fi is enabled and connected to the correct network. If using Ethernet, ensure the cable is securely plugged in and your router is functioning.
- **Slow performance:** Close unnecessary applications. Check for background updates. Restart the laptop.
- **Webcam not working:** Ensure the privacy shutter is open. Check camera settings in Windows and application permissions.

For more complex issues, refer to the Lenovo support website or contact customer service.

SPECIFICATIONS

Feature	Detail
Model Name	V15 Gen 4 83CQ
Processor	AMD Ryzen 5 7520U (2.8 GHz, 4 Cores)
RAM	16 GB DDR5 (5500 MHz)
Storage	512 GB PCIe NVMe M.2 SSD
Display	15.6-inch FHD (1920 x 1080) TN Anti-glare, TÜV Low Blue Light
Graphics	Integrated AMD Radeon 610M Graphics
Operating System	Windows 11 Pro 64-bit
Wireless Connectivity	Wi-Fi 6 (802.11ax), Bluetooth 5.2
Ports	1x USB-C 3.2 Gen 1 (Data, PD, DP 1.2), 2x USB-A 3.2 Gen 1, 1x HDMI 1.4b, 1x Ethernet (RJ-45), 1x Headphone/Mic Combo Jack
Webcam	HD with Privacy Shutter
Audio	Dual-array microphones, 2x 1.5W Stereo Speakers, Dolby Audio
Battery Life	Approx. 10 hours (average)
Dimensions (LxWxH)	14.48 x 9.64 x 0.74 inches
Weight	3.59 pounds
Durability	MIL-STD-810H tested

Durable and reliable

US MILITARY GRADE
MIL-STD 810H
Multiple Tests Passed

Meets

MIL-STD-810H

standards

It is ensuring toughness

and reliability under extreme conditions

Figure 8: MIL-STD-810H durability standard.

Portable

3.59 lbs

180°

9.28"

14.14"

Figure 9: Laptop dimensions and weight.

WARRANTY AND SUPPORT

This product comes with a one-year manufacturer warranty on remaining components. For RAM (Memory) and SSD (Storage) upgraded by Issaquah Highlands Tech (IST Computers), a three-year warranty is provided by Issaquah Highlands Tech.
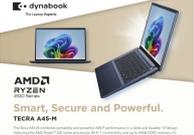
For support, please refer to the official Lenovo support channels or contact Issaquah Highlands Tech directly for issues related to upgraded components.

Visit the IST Computers Store for more information.

VIDEO RESOURCES

No official product videos from the seller were available for embedding in this manual.

Related Documents - V15 Gen 4 83CQ

Guida per l'utente Lenovo V14 Gen 4 i, Lenovo V14 Gen 4, Lenovo V15 Gen 4 i e Lenovo V15 Gen 4	[Guida per l'utente Lenovo V14 Gen 4 e V15 Gen 4](#) Manuale utente completo per i computer portatili Lenovo V14 Gen 4 e V15 Gen 4, che copre le specifiche hardware, le operazioni di base con Windows, la gestione dell'alimentazione, le impostazioni UEFI/BIOS e le procedure di supporto tecnico.
ThinkPad Z13 Gen 1	[Lenovo ThinkPad Z13 Gen 1 Quick Start Guide and Specifications](#) Concise guide to the Lenovo ThinkPad Z13 Gen 1, covering product features, connectivity, and regulatory information including SAR and radio frequency specifications.
dynabook The Laptop Experts AMD RYZEN Smart, Secure and Powerful. TECRA A45-M	[Dynabook Tecra A45-M Laptop: Smart, Secure, Powerful AMD Ryzen Performance](#) Explore the Dynabook Tecra A45-M, a 14-inch laptop featuring AMD Ryzen 200 Series processors, Wi-Fi 7, up to 64GB DDR5 RAM, and a vibrant WUXGA display. Discover its sleek design, advanced security, and seamless collaboration features.
Lenovo ThinkPad ThinkPad E14 Gen 6 / ThinkPad E16 Gen 2	[Lenovo ThinkPad E14 Gen 6 and E16 Gen 2 Setup Guide](#) A comprehensive setup guide for Lenovo ThinkPad E14 Gen 6 and ThinkPad E16 Gen 2 laptops, covering initial setup, overview of features, Lenovo Vantage software, and regulatory information.
Пайдалану бойынша нұсқаулыққа қосымша (перевод на казахский язык) Аналық плата GIGABYTE B650E AORUS ELITE X AX ICE	[GIGABYTE B650E AORUS ELITE X AX ICE Аналық Плата Техникалық Сипаттамалар және Қолдану Нұсқаулығы](#) Толық техникалық сипаттамалар, ішкі және артқы панель қосқыштары, құрастыру, орнату және кәдеге жарату ережелері туралы ақпаратты GIGABYTE B650E AORUS ELITE X AX ICE аналық платасы үшін табыңыз.
Lenovo ThinkCentre ThinkCentre M75q Gen 5	[Lenovo ThinkCentre M75q Gen 5 Setup Guide](#) Official setup guide for the Lenovo ThinkCentre M75q Gen 5 mini PC, detailing radio frequency and power specifications, and user guide access.