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Lenovo ThinkPad E16

Lenovo ThinkPad E16 G2 Business Laptop Instruction Manual

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Lenovo ThinkPad E16 G2 Business Laptop. Designed for productivity and reliability, this laptop features powerful AMD processing, ample memory, and robust security features to support your daily tasks.

2. KEY FEATURES

The Lenovo ThinkPad E16 G2 is engineered for performance and security. Key features include:

- **Processor:** AMD Ryzen 7 7735HS (8 Cores / 16 Threads, 3.2 / 4.75GHz, 4MB L2 / 16MB L3) for enhanced performance.
- **Graphics:** Integrated AMD Radeon 680M Graphics for clear visuals.
- **Display:** 16-inch WUXGA (1920x1200) IPS Anti-glare display with 300 nits brightness and 45% NTSC.
- **Memory:** 16GB DDR5 RAM for efficient multitasking.
- **Storage:** 1TB PCIe NVMe M.2 SSD for fast boot times and data access.
- **Connectivity:** Wi-Fi 6E (802.11ax 2x2) and Bluetooth 5.3 for high-speed wireless connections.
- **Security:** Fingerprint Reader integrated into the power button, Discrete TPM 2.0, IR camera for Windows Hello, and Camera Privacy Shutter.
- **Operating System:** Pre-installed with Windows 11 Pro (64-bit).
- **Keyboard:** Backlit English keyboard for comfortable typing in various lighting conditions.

KEY FEATURES AND BENEFITS



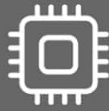
CPU:
AMD Ryzen 7
7735HS



Hard Drive:
Up to 4TB PCIe
NVMe SSD



Memory: Up
to 64GB
DDR4 RAM



Graphics:
AMD Radeon
Graphics

Wi-Fi 6E &
Bluetooth
Combo



Display:

16" FHD+ (1920 * 1200)



Operating
System:
Windows 11 Pro

Image: Overview of the Lenovo ThinkPad E16 G2's key features and benefits, including CPU, storage, memory, graphics, Wi-Fi, display, and operating system.

3. SETUP

3.1 Initial Power-On

1. **Connect Power:** Plug the 65W USB-C power adapter into a power outlet and then into one of the USB-C ports on your laptop.
2. **Power On:** Press the power button (integrated with the fingerprint reader) to turn on the laptop.
3. **Windows Setup:** Follow the on-screen instructions to complete the Windows 11 Pro setup, including language, region, network connection, and user account creation.

3.2 Connecting Peripherals

Utilize the various ports to connect external devices:

- **USB Devices:** Connect USB-A or USB-C devices such as external hard drives, mice, or keyboards.
- **External Display:** Use the HDMI 2.1 port or a DisplayPort 1.4 compatible USB-C port to connect an

external monitor.

- **Audio:** Plug headphones or a headset into the 3.5mm headphone/microphone combo jack.
- **Network:** For a wired connection, connect an Ethernet cable to the RJ-45 port.

4. OPERATING THE LAPTOP

4.1 Keyboard and Touchpad

The ThinkPad E16 G2 features a full-sized, backlit keyboard and a responsive touchpad. The integrated TrackPoint (red button in the center of the keyboard) provides an alternative navigation method.

- **Backlit Keyboard:** Adjust keyboard backlight intensity using the Fn + Spacebar shortcut.
- **TrackPoint:** Use the TrackPoint to move the cursor and the corresponding buttons below the spacebar for left, right, and middle clicks.

4.2 Webcam and Privacy Shutter

The laptop includes an FHD 1080p + IR Hybrid webcam. For privacy, a physical privacy shutter is located above the camera. Slide the shutter to cover or uncover the camera lens.



Fingerprint Reader



Wi-Fi 6E

Backlit
Keyboard



Windows 11
Professional

Image: Close-up of the Lenovo ThinkPad E16 G2 keyboard and touchpad, highlighting the fingerprint reader, Wi-Fi 6E, backlit keyboard, and Windows 11 Pro features.

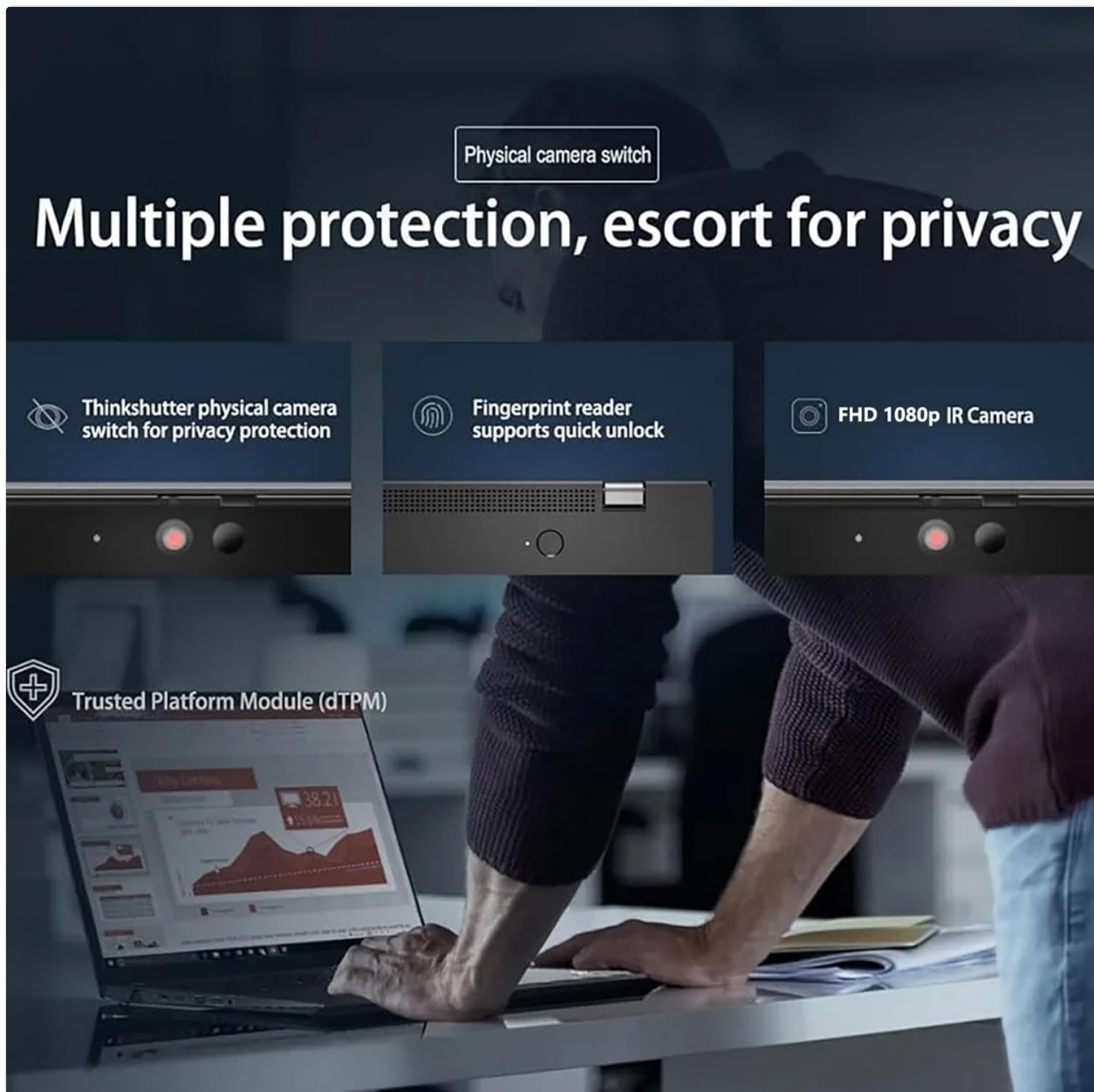


Image: Visual representation of the Lenovo ThinkPad E16 G2's multiple protection features, including the physical camera switch, fingerprint reader, FHD 1080p IR Camera, and Trusted Platform Module.

4.3 Fingerprint Reader

The touch-style fingerprint reader is integrated into the power button. It supports Match-on-Chip technology for secure and quick login via Windows Hello.

5. CONNECTIVITY AND PORTS

Your ThinkPad E16 G2 offers a comprehensive set of ports for various connectivity needs:

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On
- 1x USB-C (USB 5Gbps / USB 3.2 Gen 1), with USB PD 3.0 and DisplayPort 1.4
- 1x USB-C (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 and DisplayPort 1.4
- 1x HDMI 2.1, up to 4K/60Hz

- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- Kensington Nano Security Slot



Portable and tough, wherever you take it

The ThinkPad E16 (16" AMD) laptop is great for remote work, thanks to a portable design and up to 57Whr battery capacity. And it's guaranteed tough, meeting the U.S. Department of Defense's MIL-STD 810H standards for reliability and durability.

Tested against 12 stringent standards and more than 200 quality checks, this laptop will run in even the harshest of conditions, from the Arctic wilderness to desert dust storms.

Image: Diagram illustrating the various ports on the sides of the Lenovo ThinkPad E16 G2, including USB-C, USB-A, HDMI, headphone jack, Ethernet, and Kensington lock slot.

6. DISPLAY FEATURES

The 16-inch WUXGA (1920x1200) IPS display provides a clear and comfortable viewing experience. Its anti-glare finish reduces reflections, making it suitable for various environments.

16:10
1920 x 1200

91%
screen-to-body

IPS
Anti-Glare



Image: Visual details of the Lenovo ThinkPad E16 G2 display, showing 16:10 aspect ratio, 1920x1200 resolution, 91% screen-to-body ratio, IPS technology, and anti-glare properties.

7. SPECIFICATIONS

Feature	Specification
Processor	AMD Ryzen 7 7735HS (8C / 16T, 3.2 / 4.75GHz)
Graphics	AMD Radeon 680M Graphics
Memory	16GB DDR5 RAM
Storage	1TB PCIe NVMe M.2 SSD
Display	16" WUXGA (1920x1200) IPS 300nits Anti-glare
Operating System	Windows 11 Pro 64, English
Wireless Connectivity	Wi-Fi 6E, 802.11ax 2x2 + BT5.3
Ports	2x USB-A, 2x USB-C (with PD & DP), 1x HDMI 2.1, 1x Headphone/Mic Combo, 1x Ethernet (RJ-45)
Security	Discrete TPM 2.0, Fingerprint Reader, IR Camera, Camera Privacy Shutter, Kensington Nano Security Slot
Dimensions (WxDxH)	14.02 x 9.75 x 0.78 inches
Weight	3.9 lbs

8. MAINTENANCE

To ensure the longevity and optimal performance of your Lenovo ThinkPad E16 G2, follow these maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth dampened with a mild cleaning solution (non-abrasive) to clean the screen and exterior. Avoid spraying liquids directly onto the laptop.
- **Software Updates:** Regularly update your operating system and drivers to ensure security and performance improvements.
- **Battery Care:** To prolong battery life, avoid extreme temperatures and fully discharging the battery frequently. For long-term storage, charge the battery to about 50-60%.
- **Ventilation:** Ensure the laptop's vents are not obstructed to prevent overheating.

9. TROUBLESHOOTING

If you encounter issues with your laptop, consider these common troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected and the outlet is functional. Try a different outlet or adapter if available.
- **Screen Issues:** If the screen is blank, try pressing Fn + F2 (or the display toggle key) to switch display output. Check external monitor connections if applicable.
- **Slow Performance:** Close unnecessary applications, check for malware, and ensure sufficient free storage space. Restarting the laptop can often resolve temporary slowdowns.
- **Connectivity Problems:** For Wi-Fi, ensure Wi-Fi is enabled and you are connected to the correct

network. For Ethernet, check cable connections.

- **System Freezes:** Press and hold the power button for 10-15 seconds to force a shutdown, then restart the laptop.

10. WARRANTY AND SUPPORT

Your Lenovo ThinkPad E16 G2 Business Laptop comes with a standard manufacturer's warranty. For detailed warranty information, terms, and conditions, please refer to the documentation included with your product or visit the official Lenovo support website.

For technical support, driver downloads, and service requests, please visit the [Lenovo Support Website](#) or contact Lenovo customer service directly.