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Lenovo ThinkPad T16 Gen 3 (21MN)

Lenovo ThinkPad T16 Gen 3 Laptop User Manual

Model: 21MN

INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Lenovo ThinkPad T16 Gen 3 Laptop. This device is equipped with a 16-inch WUXGA (1920 x 1200) display, an Intel Ultra 5 125U 12-Core Processor, 32GB DDR5 RAM, and a 1TB NVMe SSD, running Windows 11 Pro. It features a backlit keyboard, fingerprint reader, Thunderbolt 4 ports, WiFi 6E, and a 5MP camera.

SETUP

1. Unboxing and Initial Inspection

Carefully remove the laptop and all accessories from the packaging. Inspect the laptop for any physical damage. Ensure all components listed in the packing slip are present.

2. Connecting to Power

Connect the provided 65W AC adapter to the laptop's power input port (one of the USB Thunderbolt 4 ports) and then to a power outlet. It is recommended to fully charge the battery before first use.

3. Initial Power On and Windows Setup

Open the laptop lid and press the power button, typically located on the side or top right of the keyboard. Follow the on-screen instructions to complete the Windows 11 Pro setup process. This includes selecting your region, connecting to a network, and creating a user account.



Image: Lenovo ThinkPad T16 Gen 3 Laptop displaying the Windows 11 desktop interface.

4. Connecting Peripherals

Connect external devices such as a mouse, external keyboard, or monitor to the available ports. Refer to the 'Operating' section for port details.

OPERATING

1. Power Management

- **Power On:** Press the power button.

- **Sleep Mode:** Close the lid or press the power button briefly.
- **Shut Down:** Click the Start button, then Power > Shut down.
- **Restart:** Click the Start button, then Power > Restart.

2. Keyboard and Input Devices

- **Backlit Keyboard:** Adjust backlight intensity using the Fn key combined with the appropriate function key (usually F8 or Spacebar).
- **TrackPoint:** Use the red TrackPoint in the center of the keyboard for precise cursor control. The three buttons below the spacebar function as left-click, scroll, and right-click.
- **Touchpad:** The multi-touch touchpad supports gestures for navigation.
- **Fingerprint Reader:** Enroll your fingerprints through Windows Settings > Accounts > Sign-in options for secure login. The reader is typically integrated into the power button or palm rest.

3. Wireless Connectivity

- **Wi-Fi 6E:** To connect to a wireless network, click the Wi-Fi icon in the taskbar, select your desired network, and enter the password if required.
- **Bluetooth 5.3:** Enable Bluetooth in Windows Settings > Bluetooth & devices to pair with compatible devices like headphones or mice.

4. Ports and Connectors

The ThinkPad T16 Gen 3 offers a variety of ports for connectivity:



Image: Left side view of the laptop showing the Ethernet port, two USB Thunderbolt 4 / USB4 Type-C ports, HDMI port, and a USB 3.2 Gen 1 Type-A port.

- **2 x USB Thunderbolt 4 / USB4 40Gbps Type-C:** Supports Power Delivery and DisplayPort. Use these for charging, high-speed data transfer, and connecting external displays.
- **2 x USB 3.2 Gen 1 Type-A:** For connecting standard USB devices. One port supports 'Always On' for charging devices even when the laptop is off.
- **1 x RJ-45:** For wired Ethernet network connection.
- **1 x HDMI 2.1:** For connecting to external monitors or projectors.
- **1 x Headphone / microphone combo jack (3.5mm):** For audio input/output.



Image: Right side view of the laptop showing a USB 3.2 Gen 1 Type-A port and a security lock slot.

5. Camera and Audio

- **5.0MP Camera:** Located at the top of the display. Features a privacy shutter for enhanced security. Slide the shutter to cover or uncover the camera lens.
- **Dolby Audio:** The laptop features stereo speakers with Dolby Audio for enhanced sound quality. Adjust volume using the function keys or Windows sound settings.

MAINTENANCE

1. Cleaning the Laptop

- **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 cloth or a can of compressed air to remove dust and debris. Avoid harsh chemicals.

2. Battery Care

- Avoid extreme temperatures.
- Do not fully discharge the battery frequently.
- For long-term storage, charge the battery to about 50-60%.

3. Software Updates

Regularly check for and install Windows updates and Lenovo driver updates to ensure optimal performance and security. Access Windows updates via Settings > Windows Update. Lenovo Vantage software can assist with driver updates.

4. Storage Management

Periodically clean up unnecessary files and applications to maintain sufficient storage space and system performance. Windows Disk Cleanup utility can assist with this.

TROUBLESHOOTING

This section addresses common issues you might encounter with your ThinkPad T16 Gen 3 Laptop.

Laptop Does Not Power On

- Ensure the AC adapter is securely connected to both the laptop and a working power outlet.
- Verify the power outlet is functional by plugging in another device.
- If the battery is completely drained, allow it to charge for at least 15-30 minutes before attempting to power on.

Wi-Fi Not Connecting

- Check if Wi-Fi is enabled in Windows settings.
- Restart your router and modem.
- Forget the network and reconnect, ensuring the correct password is entered.
- Update Wi-Fi drivers through Device Manager or Lenovo Vantage.

Screen Issues (No Display, Flickering)

- Connect an external monitor to check if the issue is with the laptop's display or the graphics output.
- Adjust screen brightness using function keys.
- Update graphics drivers.
- Perform a hard reset by holding the power button for 10-15 seconds.

Slow Performance

- Close unnecessary applications running in the background.
- Check Task Manager for processes consuming high CPU or RAM.
- Ensure sufficient free space on the SSD.

- Run a virus/malware scan.

If these steps do not resolve your issue, please refer to the 'Support' section for further assistance.

SPECIFICATIONS

The following table details the key specifications of the Lenovo ThinkPad T16 Gen 3 Laptop (Model 21MN):

Feature	Detail
Model Name	ThinkPad T16 Gen 3
Item Model Number	21MN
Display	16" WUXGA (1920 x 1200) Anti-glare 300 nits 45% NTSC LED-backlit Display
Processor	Intel Ultra 5 125U 12-Core (Up to 4.3 GHz, 12 MB Intel Smart cache)
Graphics	Intel Graphics (Integrated)
RAM	32GB DDR5 SDRAM 4800 MHz
Storage	1TB NVMe M.2 SSD
Operating System	Windows 11 Pro
Keyboard	Full-size Backlit Keyboard with Numpad
Security Features	Fingerprint Reader, Camera Privacy Shutter
Wireless Connectivity	Intel Wi-Fi 6E AX211 (2x2), Bluetooth 5.3
Camera	5.0MP Camera
Audio	Stereo speakers, 2W x2, Dolby Audio
Battery	52.5Wh Lithium-Ion (Up to 6 hours average battery life)
Ports	2x USB Thunderbolt 4 / USB4 40Gbps Type-C, 2x USB 3.2 Gen 1 Type-A, 1x RJ-45, 1x HDMI 2.1, 1x Headphone/microphone combo jack
Dimensions (LxWxH)	14.16" x 9.87" x 0.77" (35.97 cm x 25.07 cm x 1.96 cm)
Weight	3.65 lbs (1.66 kg)
Color	Black

WARRANTY INFORMATION

Your Lenovo ThinkPad T16 Gen 3 Laptop comes with a standard manufacturer's warranty. For detailed information regarding warranty terms, coverage, and duration, please refer to the warranty documentation included with your product or visit the official Lenovo support website. Keep your proof of purchase for warranty claims.

SUPPORT

For further assistance, technical support, or service inquiries, please contact Lenovo support. You can find contact information and additional resources on the official Lenovo support website:

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

When contacting support, please have your laptop's model number (21MN) and serial number ready. The serial number is typically located on a label on the bottom of the laptop.