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Lenovo ThinkPad T490s

Lenovo ThinkPad T490s User Manual

Model: ThinkPad T490s (20NX-001VUS)

INTRODUCTION

This manual provides essential information for the safe and efficient use of your Lenovo ThinkPad T490s laptop. It covers initial setup, operational guidelines, maintenance procedures, and troubleshooting tips. Please read this manual thoroughly before using your device to ensure optimal performance and longevity. The Lenovo ThinkPad T490s is designed for productivity and reliability, featuring an Intel Core i5-8265U processor, 8GB RAM, and a 256GB SSD. It comes with a 14-inch Full HD display and runs on Windows 10 Pro 64-bit.



Image: The Lenovo ThinkPad T490s laptop in a closed position, viewed from the back, showcasing its sleek design.

WHAT'S IN THE BOX

Upon unpacking your Lenovo ThinkPad T490s, verify that all items are present:

- Lenovo ThinkPad T490s Notebook PC
- AC Adapter



Image: The Lenovo ThinkPad T490s laptop with its accompanying AC adapter, as typically found in the product packaging.

SETUP

1. **Connect the AC Adapter:** Plug the AC adapter into the power connector on your laptop and then into a power outlet. The battery will begin charging automatically.



Image: Side view of the ThinkPad T490s, illustrating the location of various ports, including the power connector.

2. **Power On:** Open the laptop lid and press the power button. The laptop will start up.
3. **Initial Windows Setup:** Follow the on-screen instructions to complete the Windows 10 Pro setup. This includes selecting your region, language, accepting terms, and setting up user accounts.
4. **Connect to Network:** During setup, you will be prompted to connect to a Wi-Fi network. Select your network and enter the password.

OPERATING INSTRUCTIONS

Power Management

- **Power On/Off:** Press the power button to turn on the laptop. To turn off, click the Start button, then Power, and select "Shut down."
- **Sleep Mode:** Close the lid or click the Start button, then Power, and select "Sleep" to put the laptop into a low-power state.
- **Battery Life:** The ThinkPad T490s offers up to 20 hours of battery life. To optimize, adjust display brightness and close unused applications.

Keyboard and Input Devices

Your ThinkPad T490s features a precision keyboard, TrackPoint pointing device, and a multi-touch

touchpad.



Image: The Lenovo ThinkPad T490s open, displaying its keyboard, TrackPoint, touchpad, and screen.

- **TrackPoint:** Use the red TrackPoint cap 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 various gestures for navigation, scrolling, and zooming.

Display Features

The 14-inch Full HD (1920x1080) IPS anti-glare display provides clear visuals. Some models may feature a WQHD panel with Dolby Vision HDR or a touchscreen for enhanced interaction.

Cortana Premium

Utilize Cortana Premium for voice commands. The integrated far-field microphones allow you to interact with Cortana from across the room to find files, check your calendar, and more.

Connectivity

The laptop includes various ports for connecting peripherals and external devices:

- USB 3.0 Ports: 4
- USB 2.0 Ports: 2
- Wireless: Bluetooth

MAINTENANCE

- **Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner to wipe the display. For the keyboard and chassis, use a dry or slightly damp 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. Store the laptop with a partial charge if not used for extended periods.
- **Ventilation:** Ensure the laptop's ventilation openings are not obstructed to prevent overheating.



Image: Bottom view of the ThinkPad T490s, highlighting the ventilation grilles for proper airflow.

TROUBLESHOOTING

This section addresses common issues you might encounter with your ThinkPad T490s.

No Power / Does Not Turn 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.

Display Issues

- **Blank Screen:** Press the Function (Fn) key + F7 (or the appropriate display toggle key) to ensure the display is not turned off or switched to an external monitor.
- **Dim Screen:** Adjust brightness using the Function (Fn) key + F5/F6 (brightness up/down keys).

Connectivity Problems (Wi-Fi/Bluetooth)

- Ensure Wi-Fi or Bluetooth is enabled in Windows settings.
- Restart your router/modem for Wi-Fi issues.
- Update wireless drivers through Windows Update or Lenovo's support website.

SPECIFICATIONS

Lenovo ThinkPad T490s (20NX-001VUS) Key Specifications

| | |
|--------------------------|--|
| Model Name | ThinkPad T490s |
| Item Model Number | 20NX001VUS |
| Processor | Intel Core i5-8265U (4C / 8T, 1.6 / 3.9GHz, 6MB) |
| RAM | 8GB Soldered DDR4-2400 RAM |
| Storage | 256GB SSD M.2 2280 PCIe NVMe Opal2 |
| Display | 14" FHD (1920x1080) IPS 250nits Anti-glare |
| Operating System | Windows 10 Pro 64 |
| Graphics Card | Integrated Intel Graphics |

| | |
|-------------------------------|---------------------------|
| Wireless Connectivity | Bluetooth, Wi-Fi |
| USB Ports | 4x USB 3.0, 2x USB 2.0 |
| Battery Life (Average) | Up to 20 Hours |
| Dimensions (LxWxH) | 12.95 x 8.9 x 0.63 inches |
| Item Weight | 4.55 pounds |
| Color | Black |

WARRANTY AND SUPPORT

Your Lenovo ThinkPad T490s comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty documentation included with your product or visit the official Lenovo support website.

For technical assistance, driver downloads, or service requests, please visit the Lenovo Support website or contact Lenovo customer service. Have your product's serial number ready when seeking support.

Lenovo Support Website: support.lenovo.com