Lenovo ThinkPad T450

Lenovo ThinkPad T450 Laptop User Manual

Model: 20BV000AUS

INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Lenovo ThinkPad T450 laptop. Please read these instructions carefully to ensure proper use and to maximize the lifespan of your device. Keep this manual for future reference.

Image: The Lenovo ThinkPad T450 laptop, presented with its lid open, showcasing the display and keyboard layout. This view highlights the sleek design and the iconic TrackPoint in the center of the keyboard.

WHAT'S IN THE BOX

Verify that all items are present in your product packaging:

- Lenovo ThinkPad T450 Ultrabook
- 3-cell battery
- Power adapter
- 3-cell Li-Ion 23Wh battery (additional or integrated)

SETUP

1. Connecting the Power Adapter

Connect the power adapter to the power connector on your laptop and then plug the power adapter into a wall outlet. This will charge the battery and provide power to the laptop.

2. Initial Power On

Press the power button, typically located near the keyboard, to turn on your ThinkPad T450. The system will guide you through the initial setup process for Windows 7 Professional.

3. Connecting Peripherals

Utilize the available ports to connect external devices such as a mouse, external display, or USB storage. The ThinkPad T450 features three USB 3.0 ports for high-speed data transfer.

Image: A side view of the Lenovo ThinkPad T450 laptop, illustrating the arrangement of its various input/output ports, including USB ports and other connectors.

OPERATING YOUR LAPTOP

Power Management

- **Power On:** Press the power button.
- **Sleep Mode:** Close the lid or select 'Sleep' from the Start menu.
- **Shut Down:** Go to the Start menu and select 'Shut Down'.

Keyboard and Input Devices

Your ThinkPad T450 features a full-sized keyboard, a TrackPoint pointing device, and a multi-touch touchpad for navigation.

- **TrackPoint:** Use the red pointing stick in the center of the keyboard to move the cursor. The three buttons below the spacebar function as left-click, scroll, and right-click for the TrackPoint.
- **Touchpad:** Use the multi-touch touchpad for cursor control and gestures. The integrated buttons at the bottom of the touchpad serve as left and right-click.

Image: A direct overhead view of the Lenovo ThinkPad T450's keyboard, TrackPoint, and touchpad, highlighting the ergonomic layout and input mechanisms.

Wireless Connectivity

To connect to a wireless network, click the network icon in the system tray (bottom-right corner of the screen), select your desired Wi-Fi network (802.11ac compatible), and enter the password if prompted.

Maintenance

Cleaning Your Laptop

- **Screen:** Use a soft, lint-free cloth lightly dampened with water or a screen cleaner. Do not spray liquid directly onto the screen.
- **Keyboard and Casing:** Use a soft cloth. For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no liquid enters openings.

Battery Care

To prolong battery life, avoid extreme temperatures and allow the battery to discharge partially before recharging. If storing the laptop for an extended period, ensure the battery is charged to approximately 50%.

Software Updates

Regularly check for and install operating system and driver updates to ensure optimal performance and security. Windows 7 Professional updates can be managed through the Windows Update utility.

Image: The rear view of the Lenovo ThinkPad T450 laptop, showing the back casing and any rear-facing vents or ports.

Troubleshooting

No Power

- Ensure the power adapter is securely connected to both the laptop and a working electrical outlet.
- Verify the battery is properly seated and charged.

Display Issues

- If the screen is blank, try pressing the function key combination to toggle the display output (e.g., Fn + F7 or F8, refer to keyboard icons).
- Ensure external monitors are correctly connected and powered on.

Wireless Connectivity Problems

- Check if Wi-Fi is enabled (often via a physical switch or function key).
- Restart your router and modem.
- Ensure you are connecting to the correct network with the correct password.

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

SPECIFICATIONS

Model Name	ThinkPad T450
Item Model Number	20BV000AUS
Processor	Intel i5-300U (2.3 GHz)
RAM	8 GB DDR3L SDRAM
Storage	256 GB SSD (Serial ATA-600)
Display	14 Inches LED-lit, 1600 x 900 pixels
Graphics Coprocessor	Intel HD 5500 (Integrated)
Operating System	Windows 7 Professional 64-bit
Wireless Type	802.11ac
USB Ports	3 x USB 3.0 Ports
Item Weight	1.1 pounds
Product Dimensions	18.6 x 11.8 x 3 inches
Color	Black

WARRANTY AND SUPPORT

Your Lenovo ThinkPad T450 comes with a standard manufacturer's warranty. For detailed warranty information, terms, and conditions, please refer to the documentation included with your purchase or visit the official Lenovo support website. For technical assistance, driver downloads, or service requests, please visit www.lenovo.com/support.