Lenovo 20N6001UUS

Lenovo ThinkPad P53s 20N6001UUS Mobile Workstation User Manual

Model: 20N6001UUS

INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your Lenovo ThinkPad P53s 20N6001UUS Mobile Workstation. The ThinkPad P53s is designed for demanding professional tasks, offering a balance of portability and performance with its Intel Core i7 processor, NVIDIA Quadro P520 graphics, and a 15.6-inch Full HD display.

WHAT'S IN THE BOX

Verify that all items are present in the packaging:

- Lenovo ThinkPad P53s Mobile Workstation
- AC Power Adapter
- Documentation (including this user manual)

SETUP

1. Initial Power-On

1. Connect the AC power adapter to the workstation's power input port and then to a power outlet.
2. Open the display lid.
3. Press the power button, typically located on the keyboard deck, to turn on the workstation.
4. Follow the on-screen instructions to complete the initial Windows 10 Pro setup.

2. Connecting Peripherals

The ThinkPad P53s offers various ports for connecting external devices:

- **USB 3.1 Ports:** For connecting USB devices such as external drives, mice, or keyboards.
- **USB Type-C Ports (Thunderbolt 3 compatible):** For high-speed data transfer, video output, and power delivery.

- **HDMI Port:** For connecting to external displays or projectors.
- **Ethernet (RJ-45) Port:** For wired network connections.
- **Audio Jack:** For headphones or external speakers.

Image: Left side view of the Lenovo ThinkPad P53s, illustrating the various ports including USB, HDMI, and Ethernet.

OPERATING THE WORKSTATION

Power On/Off and Sleep

- **Power On:** Press the power button.
- **Shut Down:** Click the Windows Start button, then select Power > Shut down.
- **Sleep:** Close the display lid or click the Windows Start button, then select Power > Sleep.

Keyboard and Touchpad

The ThinkPad P53s features a full-sized keyboard with a backlight and a precision touchpad. The integrated TrackPoint pointing device provides an alternative navigation method.

- **Keyboard Backlight:** Activate or adjust using the Fn + Spacebar key combination.
- **Fingerprint Reader:** For secure login, configure the fingerprint reader through Windows Hello settings.

Image: Top-down view of the Lenovo ThinkPad P53s, showcasing the keyboard, touchpad, and display.

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 cloth. Avoid harsh chemicals.
- Ensure all ports are free of dust and debris.

Battery Care

- Avoid extreme temperatures.
- For optimal battery longevity, avoid consistently discharging the battery completely or keeping it at 100% charge for extended periods.
- Refer to Lenovo Vantage software for battery health management features.

TROUBLESHOOTING

This section addresses common issues you might encounter.

Workstation Does Not Power On

- Ensure the AC adapter is securely connected to both the workstation and a working power outlet.
- Verify the power outlet is functional by plugging in another device.
- If using battery power, ensure the battery is charged.

Display Issues

- **No image on screen:** Check if the workstation is powered on. Try connecting an external monitor to see if it displays an image.
- **Dim screen:** Adjust brightness settings using the function keys (e.g., Fn + F5/F6).

Network Connectivity Problems

- **Wi-Fi:** Ensure Wi-Fi is enabled in Windows settings. Check router connection and restart if necessary.
- **Wired Ethernet:** Verify the Ethernet cable is securely connected to both the workstation and the network port. Check network adapter settings in Windows.

SPECIFICATIONS

Key technical specifications for the Lenovo ThinkPad P53s 20N6001UUS Mobile Workstation:

Feature	Detail
Model	20N6001UUS
Processor	Intel Core i7-8565U (8th Gen), Quad-core, 1.80 GHz
Operating System	Windows 10 Pro (64-bit)
Display	15.6-inch IPS LCD, 1920 x 1080 (Full HD)
Graphics	NVIDIA Quadro P520 with 2 GB GDDR5 Dedicated Memory
RAM	16 GB DDR4 SDRAM (Expandable to 48 GB)
Storage	512 GB SSD

Wireless Connectivity	IEEE 802.11ac, Bluetooth
Ports	2x USB 3.1, 2x USB Type-C (1x TBT3, 1x DP), HDMI, RJ-45 Ethernet, Audio Jack
Security Features	Fingerprint Reader
Weight	Approximately 6 pounds

WARRANTY AND SUPPORT

Your Lenovo ThinkPad P53s Mobile Workstation comes with a standard manufacturer's warranty. For detailed warranty terms, conditions, and registration, please refer to the warranty documentation included with your product or visit the official Lenovo support website.

For technical assistance, driver downloads, and further support resources, please visit support.lenovo.com.