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Lenovo ThinkPad P14s Gen 5

Lenovo ThinkPad P14s Gen 5 Mobile Workstation User Manual

Your guide to setting up, operating, and maintaining your ThinkPad P14s Gen 5.

1. INTRODUCTION

The Lenovo ThinkPad P14s Gen 5 is a powerful mobile workstation designed for efficiency and portability. It features robust processing capabilities with AMD Ryzen PRO processors and AMD Radeon graphics, making it suitable for demanding computing tasks and professional applications. This manual provides essential information for the proper use and care of your device.



Accomplish More From Anywhere

The P14s Gen 5 is built for improved efficiency and portability. It ensures reliable connectivity with advanced WiFi and optional WWAN technology to stay online on the go. And, enjoy robust ports and swift memory for seamless multitasking. Ideal for power users and entry-level professionals, it achieves peak performance without breaking the bank.

Note: Images are for representation and informational purposes only.

Figure 1: Lenovo ThinkPad P14s Gen 5 in use, demonstrating its portability and capability in a professional environment.

2. SETUP

2.1 Unboxing and Initial Power On

1. Carefully remove the workstation and all accessories from the packaging.
2. Connect the power adapter to the workstation's USB-C port and then to a power outlet.
3. Open the lid and press the power button, typically located on the top right of the keyboard, to turn on the device.
4. Follow the on-screen instructions to complete the initial Windows 11 Pro setup, including language, region, network connection, and user account creation.

2.2 Connecting Peripherals

Your ThinkPad P14s Gen 5 offers various ports for connecting external devices:

- **USB-C (Thunderbolt™ 4):** For high-speed data transfer, power delivery, and DisplayPort output.
- **USB-A:** For standard USB devices like mice, keyboards, and external drives.
- **HDMI 2.1:** For connecting to external displays or projectors.

- **Ethernet (RJ45):** For wired network connections.
- **Headphone / mic combo:** For audio input and output.

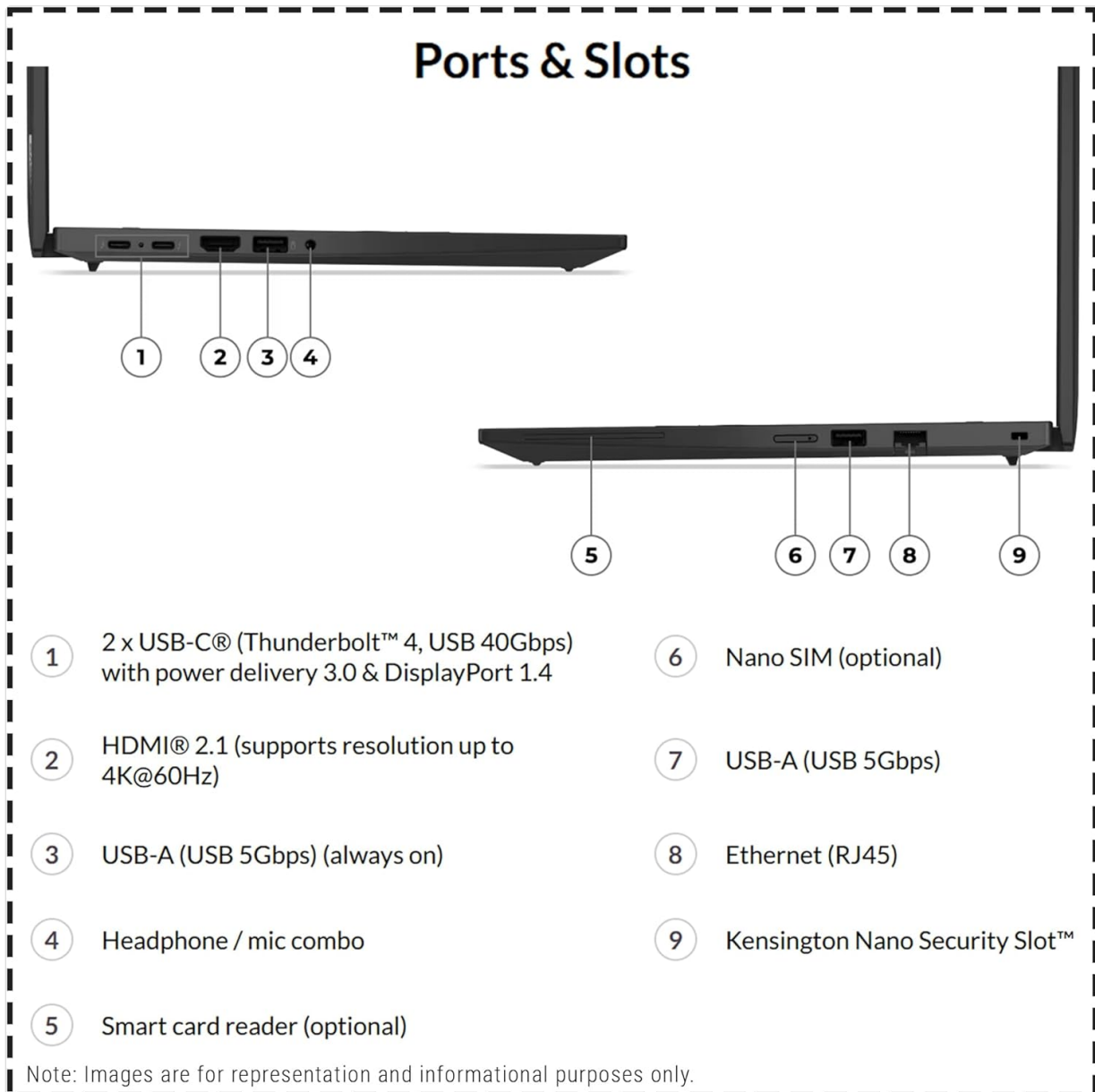


Figure 2: Port layout of the ThinkPad P14s Gen 5, detailing USB-C, HDMI, USB-A, Headphone/mic combo, Smart card reader, Nano SIM, Ethernet, and Kensington Nano Security Slot.

3. OPERATING INSTRUCTIONS

3.1 Keyboard and TrackPoint

The ThinkPad P14s Gen 5 features a backlit keyboard for comfortable typing in various lighting conditions. The integrated TrackPoint provides precise cursor control without needing to move your hands from the keyboard.

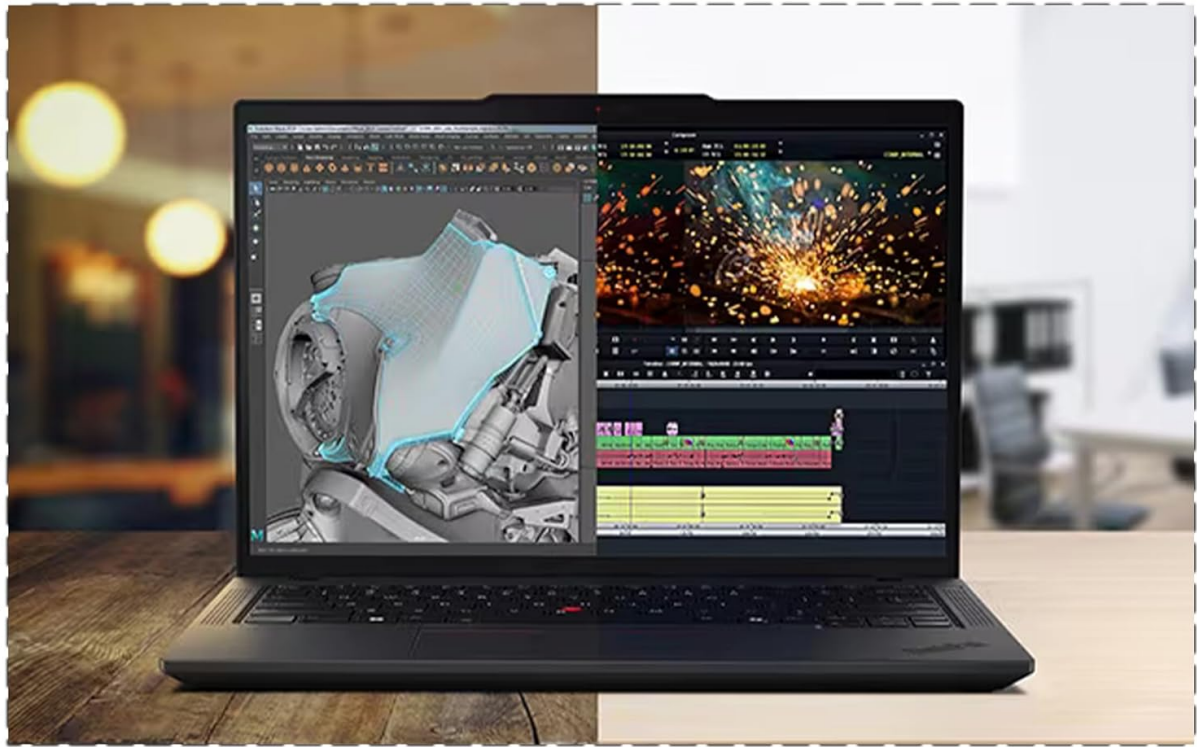
- **TrackPoint:** Use the red nub in the center of the keyboard to move the cursor.
- **TrackPoint Buttons:** The three buttons below the spacebar function as left-click, scroll, and right-click for the TrackPoint.
- **Touchpad:** The large touchpad below the TrackPoint buttons supports multi-touch gestures for navigation.



Figure 3: Detailed view of the keyboard and TrackPoint, highlighting the ergonomic design for efficient input.

3.2 Display Features

The 14-inch 2.8K (2880x1800) OLED display offers vibrant colors and sharp details. It features anti-glare, anti-reflection, and anti-smudge properties for improved viewing comfort. The 120Hz refresh rate ensures smooth visuals.



Boundless Brilliance in Every Visual

Savor visual excellence on the P14s Gen 5 AMD workstation with up to a 2.8K OLED display and touchscreen options. Slim bezels maximize viewing area for an immersive experience. But the best part? Choose displays with TÜV Eyesafe low blue light-certification to prevent eye strain and 3M optical solutions to optimize brightness and power usage.

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Figure 4: The workstation's display showcasing its capability for high-resolution visual tasks.

3.3 Wireless Connectivity

The workstation supports advanced wireless technologies for reliable connectivity:

- **WiFi 6E (Qualcomm NFA-725A 802.11AX):** Provides fast and stable wireless internet access.
- **Bluetooth 5.3:** For connecting wireless accessories such as headphones, mice, and keyboards.
- **Optional WWAN:** For mobile broadband connectivity (requires a Nano SIM card and service plan).

4. MAINTENANCE

4.1 Cleaning Your Workstation

- **Screen:** Use a soft, lint-free cloth lightly dampened with water or a screen cleaner. Avoid harsh chemicals.
- **Keyboard and Chassis:** Use a soft cloth. For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no liquid enters openings.
- **Ports:** Keep ports free of dust and debris. Use compressed air if necessary, holding the can upright.

4.2 Software Updates

Regularly update your operating system and drivers to ensure optimal performance and security. Windows Update can manage most system updates, and Lenovo Vantage software can assist with driver and firmware updates specific to your ThinkPad.

4.3 Battery Care

To prolong battery life:

- Avoid extreme temperatures.
- Do not fully discharge the battery frequently.
- If storing the laptop for an extended period, charge the battery to about 50-60%.

5. TROUBLESHOOTING

5.1 Power Issues

- **Workstation does not turn on:** Ensure the power adapter is securely connected and the power outlet is functional. Try a different outlet or adapter if available.
- **Battery not charging:** Verify the power adapter connection. Check for any error messages in Windows.

5.2 Display Problems

- **No image on screen:** Connect an external monitor to check if the issue is with the internal display. Ensure the display brightness is not set to minimum.
- **Flickering or distorted image:** Update your graphics drivers. Adjust display resolution and refresh rate settings.

5.3 Connectivity Issues

- **Wi-Fi not connecting:** Check if Wi-Fi is enabled in Windows settings. Restart your router and the workstation. Ensure correct Wi-Fi password.
- **Bluetooth device not pairing:** Ensure Bluetooth is enabled on both devices. Place devices close to each other. Remove and re-add the device in Bluetooth settings.

5.4 General Performance Issues

- **Slow performance:** Close unnecessary applications. Check Task Manager for high CPU/RAM usage. Ensure sufficient free storage space.
- **System crashes or freezes:** Ensure all drivers and Windows are up to date. Run a system diagnostic tool if available.

6. SPECIFICATIONS

Below are the detailed technical specifications for the Lenovo ThinkPad P14s Gen 5 Mobile Workstation:

| Feature | Specification |
|------------------------------|--|
| Model Name | Lenovo ThinkPad P14s Gen 5 |
| Processor | AMD Ryzen 7 PRO 8840HS (3.30 GHz up to 5.10 GHz) |
| Operating System | Windows 11 Pro |
| Display | 14" 2.8K (2880 x 1800) OLED, Anti-Glare/Anti-Reflection/Anti-Smudge, Non-Touch, 100% DCI-P3, 400 nits, 120Hz |
| Graphics | Integrated AMD Radeon 780M |
| RAM | 64 GB DDR5 RAM |
| Storage | 1 TB PCIe SSD |
| Ports | 2 x USB-C (Thunderbolt™ 4), 2 x USB-A, Ethernet (RJ45), HDMI 2.1, Headphone / mic combo |
| Wireless Connectivity | WiFi 6E Qualcomm NFA-725A 802.11AX (2 x 2), Bluetooth 5.3 |
| Weight | Approximately 2.89 pounds (1.31 kg) |
| Dimensions (LxWxH) | 12.44 x 8.81 x 0.7 inches (31.6 x 22.4 x 1.78 cm) |
| Special Features | Backlit Keyboard, Optional Smart Card Reader, Optional Nano SIM slot |

7. WARRANTY AND SUPPORT

Your Lenovo ThinkPad P14s Gen 5 Mobile Workstation comes with a standard manufacturer's warranty. For detailed warranty information, including terms and conditions, please refer to the warranty card included with your product or visit the official Lenovo support website.

For technical assistance, driver downloads, and further support, please visit the official Lenovo Support website: support.lenovo.com

You may also find additional resources and community forums on the Lenovo website to help with common questions and issues.