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› Dell Precision 3571 Mobile Workstation User Manual

Dell 3571

Dell Precision 3571 Mobile Workstation User Manual

Model: 3571

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Dell Precision 3571 Mobile Workstation. Please read this guide thoroughly to ensure proper use and to maximize the performance and longevity of your device.

2. SETUP

2.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed below are present and undamaged. If any items are missing or damaged, contact Dell support.

- Mobile Precision 3571
- AC Adapter
- Power Cord
- Quick Setup Guide for Mobile Precision 3571
- Safety and Regulatory Documents (English, French, Dutch)

2.2 Connecting Power

Connect the AC adapter to the power connector on your mobile workstation and then plug the power cord into an electrical outlet. The battery will begin charging automatically.

2.3 First Boot

Press the power button to turn on your mobile workstation. Follow the on-screen instructions to complete the initial setup of the Windows 10 Pro operating system.



Figure 2.3.1: Dell Precision 3571 Mobile Workstation powered on.

This image shows the Dell Precision 3571 Mobile Workstation with its screen illuminated, displaying a data analytics dashboard. The laptop is open, revealing the keyboard and touchpad, and the Dell logo is visible below the screen.

3. OPERATING YOUR MOBILE WORKSTATION

3.1 Keyboard and Touchpad

The mobile workstation features a full-size keyboard with a numeric keypad and a responsive touchpad for navigation. The keyboard is backlit for use in low-light conditions.



Figure 3.1.1: Angled view of the Dell Precision 3571.

This image provides an angled view of the Dell Precision 3571 Mobile Workstation, showcasing its open display, full keyboard, and touchpad. The right side of the laptop is visible, highlighting various ports.

3.2 Connecting External Devices

Your mobile workstation is equipped with various ports for connecting peripherals and external displays.

- **Left Side Ports:** Two Thunderbolt 4 ports, Smart card reader.
- **Right Side Ports:** MicroSD card slot, Audio jack, two USB Type-A 3.2 Gen 1 ports, HDMI 2.0 port, LAN port, Security Lock slot.



Figure 3.2.1: Left side ports.

This image displays the left side of the Dell Precision 3571 Mobile Workstation, clearly showing two Thunderbolt 4 ports and a smart card reader slot.



Figure 3.2.2: Right side ports.

This image shows the right side of the Dell Precision 3571 Mobile Workstation, featuring a MicroSD card slot, an audio jack, two USB Type-A 3.2 Gen 1 ports, an HDMI 2.0 port, a LAN port, and a security lock slot.

3.3 Using External Displays

The HDMI port allows you to connect an external display for extended workspace. The Thunderbolt 4 ports also support video output via compatible adapters.



Figure 3.3.1: Mobile Workstation with external displays.

This image depicts a user working at a desk with the Dell Precision 3571 Mobile Workstation connected to two large external monitors, demonstrating its capability for multi-display setups.

4. MAINTENANCE

4.1 Cleaning Your Device

Regularly clean the screen with a soft, lint-free cloth and a screen-safe cleaning solution. Use compressed air to clear dust from the keyboard and ventilation grilles. Avoid using harsh chemicals or abrasive materials.

4.2 Software Updates

Ensure your operating system and drivers are kept up-to-date to maintain optimal performance and security. Dell provides utility software to assist with driver management.



Figure 4.1.1: Bottom view of the Dell Precision 3571.

This image shows the bottom panel of the Dell Precision 3571 Mobile Workstation, highlighting the ventilation grilles and rubber feet.

5. TROUBLESHOOTING

5.1 Common Issues and Solutions

- **No Power:** Ensure the AC adapter is securely connected to both the workstation and a working power outlet. Check the power indicator light.
- **Display Issues:** If the screen is blank, try connecting an external monitor to verify if the issue is with the internal display. Restart the system.
- **System Unresponsive:** Perform a hard shutdown by pressing and holding the power button for 10-15 seconds.

Restart the system.

- **Slow Performance:** Check for excessive background applications, ensure sufficient free storage space, and verify that the system is not overheating.

For more complex issues, refer to the Dell support website or contact technical support.

6. SPECIFICATIONS

The following table outlines the key technical specifications of the Dell Precision 3571 Mobile Workstation:

Feature	Specification
Brand	Dell
Model Name	Precision 3000
Model Number	3571
Screen Size	15.6 Inches
Display Resolution	1920 x 1080 (Full HD)
Processor	Intel Core i7-12700H (12th Gen, Tetradeca-core, 2.30 GHz, up to 4.7 GHz)
RAM Memory	16 GB DDR5 SDRAM (Max 64 GB)
Storage	512 GB NVMe SSD
Graphics Card	NVIDIA RTX T600 (4 GB GDDR6)
Operating System	Windows 10 Pro
Connectivity	Bluetooth, Ethernet, HDMI, USB, Wi-Fi (Wi-Fi 6/6E)
Ports	2x Thunderbolt 4, 2x USB Type-A 3.2 Gen 1, HDMI 2.0, LAN, MicroSD card slot, Audio jack, Smart card reader, Security Lock slot
Special Features	Anti Glare Coating, Fingerprint Recognition, Backlit Keyboard
Battery	Lithium Ion (6-cell)
Color	Titan Gray

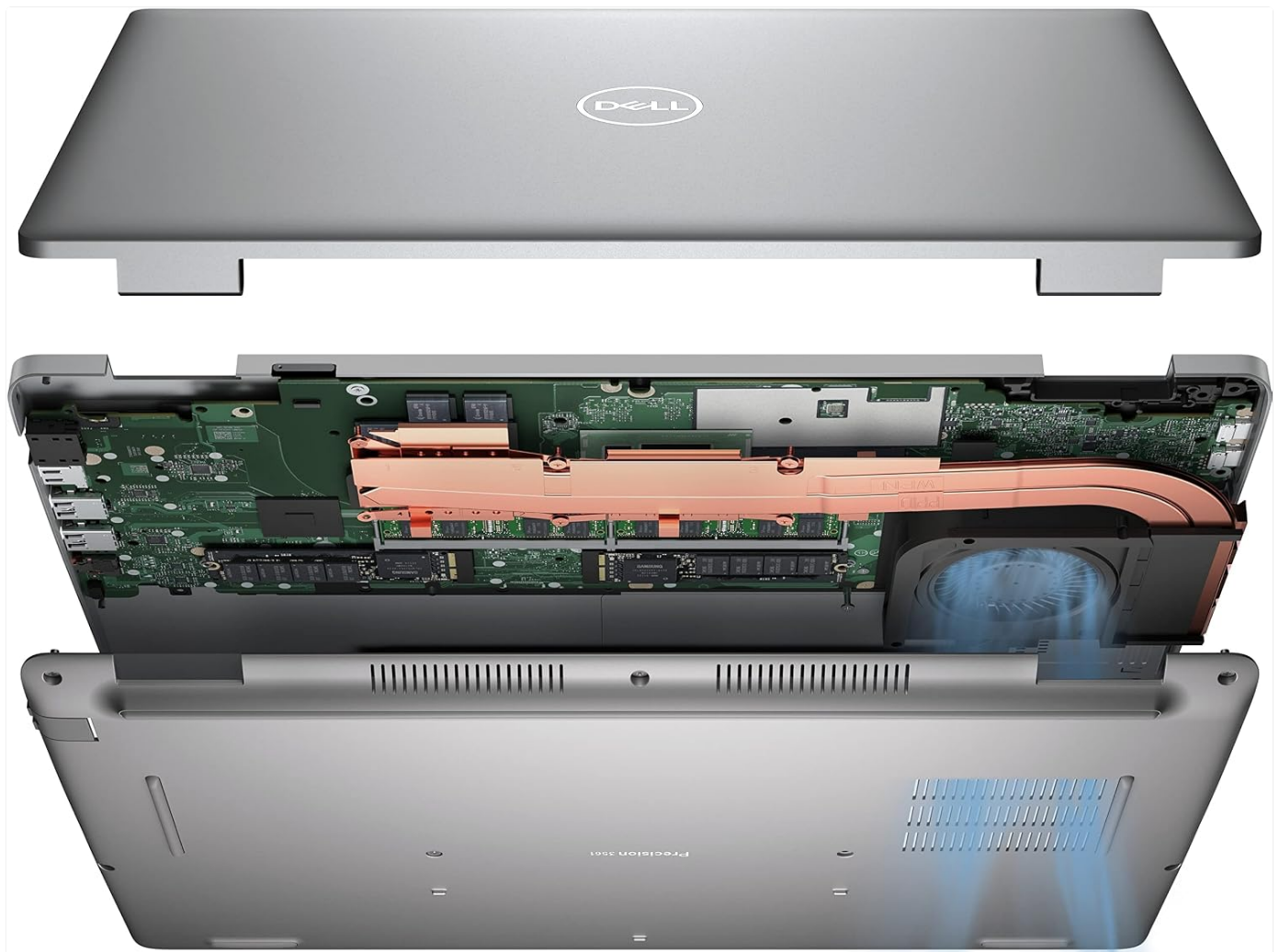


Figure 6.1.1: Internal components of the Dell Precision 3571.

This image provides an overhead view of the internal components of the Dell Precision 3571 Mobile Workstation with the bottom cover removed. Key components visible include the motherboard, RAM modules (DDR5), SSD storage, and the cooling fan system.

7. WARRANTY AND SUPPORT

7.1 Product Warranty

Your Dell Precision 3571 Mobile Workstation comes with a 1-Year Limited Warranty. For detailed terms and conditions, please refer to the warranty documentation included with your product or visit the official Dell support website.

7.2 Technical Support

For technical assistance, driver downloads, or further information, please visit the official Dell support website or contact Dell customer service. Keep your product's service tag or serial number ready when seeking support.

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