



Manuals.plus /

- › Dell /
- › Dell Precision 3591 Mobile Workstation User Manual

## Dell Precision 3591 (RJ80D)

# Dell Precision 3591 Mobile Workstation User Manual

Model: Precision 3591 (RJ80D)

## INTRODUCTION

---

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Dell Precision 3591 Mobile Workstation. The Dell Precision 3591 is a high-performance mobile workstation designed for demanding professional applications, featuring a 15.6-inch Full HD display, Intel Core Ultra 7 vPro processor, 32GB DDR5 RAM, 512GB M.2 SSD, and NVIDIA RTX 1000 graphics, running on Windows 11 Pro.

## SETUP

---

### Unboxing and Initial Power-On

Carefully remove the workstation and all accessories from the packaging. Ensure all components are present: the Dell Precision 3591 laptop, power adapter, and any documentation.



Image: The Dell Precision 3591 Mobile Workstation, showcasing its sleek design and display.

1. Connect the power adapter to the power port on the workstation and then to a power outlet.
2. Open the laptop lid.
3. Press the power button, typically located on the top-right of the keyboard deck, to turn on the workstation.

## Connecting Peripherals

Your workstation is equipped with various ports for connecting external devices.



Image: Left side of the Dell Precision 3591, showing the microSD card slot, audio jack, USB-A ports, HDMI, RJ45 LAN, and security

lock slot.



Image: Right side of the Dell Precision 3591, showing the power input, Thunderbolt 4 ports, and ventilation.

- **USB-A 3.2 Gen 1 Ports:** For connecting USB devices like mice, keyboards, and external drives.
- **Thunderbolt 4 Ports:** For high-speed data transfer, video output, and power delivery.
- **HDMI Port:** For connecting to external displays or projectors.
- **RJ45 LAN Port:** For wired network connections.
- **microSD Card Slot:** For reading and writing to microSD cards.
- **3.5mm Audio Jack:** For connecting headphones or external speakers.

## OPERATING

---

### Basic Operation

- **Power On/Off:** Press the power button to turn on. To shut down, click Start > Power > Shut down in Windows.
- **Sleep Mode:** Close the lid or click Start > Power > Sleep.
- **Restart:** Click Start > Power > Restart.

### Keyboard and Touchpad



Image: Detailed view of the Dell Precision 3591 keyboard and touchpad, highlighting the layout and integrated fingerprint reader.

- **Keyboard:** Standard QWERTY layout with function keys (F1-F12) that can be used with the **Fn** key for special functions (e.g., volume, brightness).
- **Touchpad:** Supports multi-touch gestures. Use two fingers to scroll, pinch to zoom. The touchpad also features integrated left and right click buttons.
- **Fingerprint Reader:** Integrated into the power button for secure login via Windows Hello.

## Network Connectivity

- **Wi-Fi 6E:** To connect to a wireless network, click the Wi-Fi icon in the taskbar, select your network, and enter the password.
- **Bluetooth:** Enable Bluetooth in Windows settings to pair with Bluetooth devices like headphones or mice.
- **Wired LAN:** Connect an Ethernet cable to the RJ45 port for a stable wired network connection.

## MAINTENANCE

---

### Cleaning Your Workstation

- 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.
- Periodically clean the ventilation grilles with compressed air to prevent dust buildup.

### Battery Care

- Avoid extreme temperatures.
- For optimal battery longevity, avoid constantly discharging the battery to 0% or keeping it at 100% for extended

periods.

- If storing the laptop for a long time, ensure the battery is charged to about 50-60%.

## Software Updates

Regularly update your Windows operating system and Dell drivers to ensure optimal performance and security.

- **Windows Updates:** Go to Settings > Windows Update and check for updates.
- **Dell Drivers:** Visit the official Dell support website and enter your service tag to find the latest drivers for your Precision 3591.

## TROUBLESHOOTING

---

### Common Issues and Solutions

Issue	Possible Solution
Workstation does not power on.	Ensure the power adapter is securely connected to both the laptop and a working power outlet. Check the power indicator light. Try a different outlet.
Display is blank or black.	Check display brightness settings (Fn + F11/F12). Connect to an external monitor to verify if the issue is with the laptop's display or graphics output. Restart the workstation.
Wi-Fi connection issues.	Ensure Wi-Fi is enabled in Windows settings. Restart your router/modem. Run Windows Network Troubleshooter.
System is slow or unresponsive.	Close unnecessary applications. Check Task Manager for high CPU/RAM usage. Ensure sufficient free storage space. Run a virus scan.
Keyboard or touchpad not responding.	Restart the workstation. Check for updated drivers on the Dell support website.

For more advanced troubleshooting or persistent issues, refer to the Dell support website or contact Dell technical support.

## SPECIFICATIONS

---

Feature	Detail
Model Name	Precision 3591
Processor	Intel Core Ultra 7 vPro (1.4 GHz, up to 5 GHz)
RAM	32 GB DDR5 (expandable, check Dell documentation for max)
Storage	512 GB M.2 SSD
Display	15.6-inch FHD (1920 x 1080) LCD
Graphics	NVIDIA RTX 1000 (6 GB dedicated)
Operating System	Windows 11 Pro
Wireless Connectivity	Wi-Fi 6E, Bluetooth
Ports	2 x Thunderbolt 4, 2 x USB-A 3.2 Gen 1, HDMI, RJ45 LAN, microSD Card Slot, 3.5mm Audio Jack
Dimensions (LxWxH)	8.5 x 12.72 x 0.83 inches (21.59 x 32.31 x 2.11 cm)
Weight	3.3 pounds (1.5 kg)
Color	Black
Special Features	Fingerprint Reader, Nano Lock, Anti Glare Coating

## WARRANTY AND SUPPORT

---

Your Dell Precision 3591 Mobile Workstation comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Dell support website.

For technical assistance, driver downloads, service manuals, and further support resources, please visit the official Dell Support website: [www.dell.com/support](http://www.dell.com/support).