Dell QCS1250

Dell Pro Slim QCS1250 SFF Desktop User Manual

Model: QCS1250

INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Dell Pro Slim QCS1250 Small Form Factor (SFF) Desktop. Please read these instructions carefully before using your new computer.

PRODUCT OVERVIEW

The Dell Pro Slim QCS1250 SFF Desktop is a compact and powerful computing solution designed for various professional and personal applications. It features a 14th Gen Intel Core i5-14500 processor and runs on Windows 11 Pro.

Front Panel

Figure 1: Front view of the Dell Pro Slim QCS1250 SFF Desktop with included keyboard and mouse.
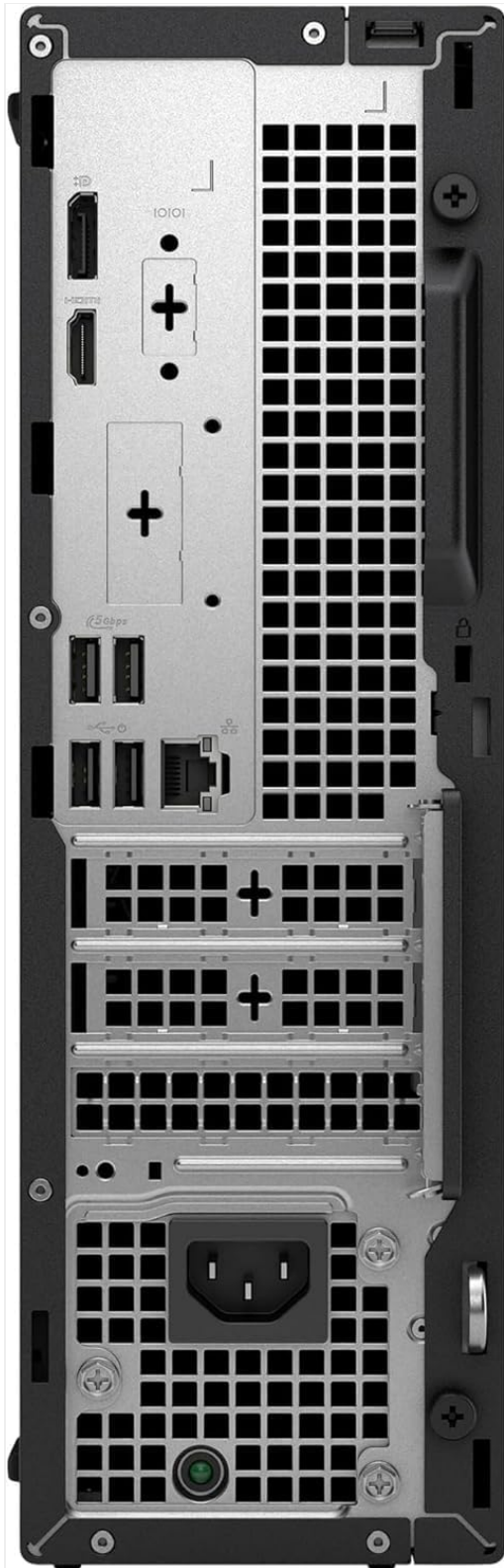
Front Ports:

1x USB-A 3.2 Gen 1,
1x USB-C 3.2 Gen 1,
2x USB-A 2.0,
1x head / mic (3.5mm),

Figure 2: Detailed view of the front panel ports.

The front panel provides convenient access to frequently used ports:

- **1x USB 3.2 Gen 1 (5 Gbps) Type-A:** For high-speed data transfer.
- **1x USB 3.2 Gen 1 (5 Gbps) Type-C:** Versatile port for data and charging compatible devices.
- **2x USB 2.0 (480 Mbps) Type-A:** For connecting standard USB devices.
- **1x Headphone / Microphone Combo Jack (3.5mm):** For audio input and output.
- **Power Button:** To turn the system on or off.

Rear Panel

Rear Ports:

2x USB-A 3.2 Gen 1,
2x USB-A 2.0,
1x DisplayPort 1.4a,
1x HDMI 2.1,
1x Ethernet (RJ-45),

Figure 3: Detailed view of the rear panel ports.

The rear panel includes ports for essential connections:

- **2x USB 3.2 Gen 1 (5 Gbps) Type-A:** Additional high-speed USB ports.
- **2x USB 2.0 (480 Mbps) Type-A with SmartPower On:** Standard USB ports, some supporting SmartPower On feature.
- **1x DisplayPort 1.4a:** Supports resolutions up to 4096 x 2304 @60Hz.
- **1x HDMI 2.1:** Supports resolutions up to 4096 x 2160 @60Hz.
- **1x Ethernet (RJ-45):** For wired network connection.
- **Power Connector:** For connecting the power cable.
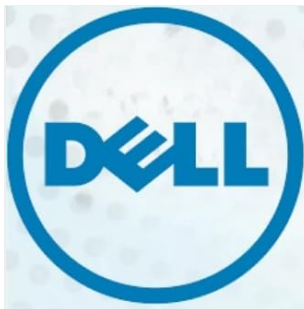
SETUP INSTRUCTIONS

Follow these steps to set up your Dell Pro Slim QCS1250 SFF Desktop:

1. Connect Peripherals

1. Connect the included keyboard and mouse to any available USB Type-A ports on the front or rear of the desktop.
2. Connect your monitor(s) to the DisplayPort 1.4a and/or HDMI 2.1 ports on the rear panel. The system supports up to two monitors natively, and up to four with additional compatible hardware (not included).

Figure 4: Desktop connected to two monitors for a multi-display setup.

Figure 5: The desktop is capable of supporting up to four displays for enhanced productivity.

2. Connect to Power

1. Connect the power cable to the power connector on the rear of the desktop and then to a power outlet.

3. Power On

1. Press the power button on the front panel of the desktop.
2. Follow the on-screen instructions to complete the initial Windows 11 Pro setup.

OPERATING INSTRUCTIONS

Your Dell Pro Slim QCS1250 SFF Desktop comes pre-installed with Windows 11 Pro, offering a secure and efficient operating environment.

Network Connectivity

The desktop supports both wired and wireless network connections:

- **Wired:** Connect an Ethernet cable to the RJ-45 port on the rear panel.
- **Wireless:** The system features Wi-Fi 6E for high-speed wireless connectivity. Access Wi-Fi settings through the Windows 11 Pro operating system to connect to your preferred network.

USB-C Port Usage

The front USB-C port can be used for connecting various compatible devices, including external storage, docking stations, or charging mobile devices.

MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your desktop.

Cleaning

- Keep the desktop clean by regularly wiping the exterior with a soft, dry cloth.
- Ensure ventilation openings are free from dust and obstructions to maintain proper airflow.
- Do not use liquid cleaners directly on the components.

Software Updates

- Regularly check for and install Windows updates to ensure system security and performance.
- Update Dell drivers and firmware as recommended by Dell Support.

System Recovery

A complimentary system recovery USB drive is included with your product. This drive allows you to reinstall or restore Windows 11 Pro if needed, providing a convenient solution for system issues or fresh installations.

TROUBLESHOOTING

If you encounter issues with your Dell Pro Slim QCS1250 SFF Desktop, consider the following basic troubleshooting steps:

- **No Power:** Ensure the power cable is securely connected to both the desktop and a working power outlet. Try a different outlet if necessary.
- **No Display:** Verify that the monitor cables are securely connected to both the desktop and the monitor. Ensure the monitor is powered on and set to the correct input source.
- **Peripheral Not Working:** Check the connections of the keyboard, mouse, or other peripherals. Try connecting them to a different USB port.
- **System Unresponsive:** Press and hold the power button for 10-15 seconds to perform a hard shutdown. Wait a few seconds, then press the power button again to restart the system.
- **Software Issues:** If software problems persist, consider using the included system recovery USB drive to reinstall Windows 11 Pro.

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

SPECIFICATIONS

Feature	Specification
Processor	Intel Core i5-14500 (14 Cores, 20 Threads, up to 5.0 GHz)
Operating System	Windows 11 Pro, 64-bit, English
Graphics	Intel UHD Graphics 770
Memory (RAM)	16GB DDR5 RAM (expandable up to 64GB)
Storage	1TB PCIe M.2 Solid State Drive (SSD)
Connectivity	Wi-Fi 6E, Bluetooth, Ethernet (RJ-45)
Front Ports	1x USB 3.2 Gen 1 Type-A, 1x USB 3.2 Gen 1 Type-C, 2x USB 2.0 Type-A, 1x Headphone/Mic Combo Jack
Rear Ports	2x USB 3.2 Gen 1 Type-A, 2x USB 2.0 Type-A (with SmartPower On), 1x DisplayPort 1.4a, 1x HDMI 2.1, 1x Ethernet (RJ-45)
Dimensions (W x D x H)	3.74 x 11.54 x 11.95 inches (9.5 x 29.3 x 30.3 cm)
Weight	8.61 lbs (3.9 kg)
Included Peripherals	Dell Black Wired Keyboard and Mouse, System Recovery USB Drive

WARRANTY INFORMATION

This Dell Pro Slim QCS1250 SFF Desktop is covered by a **one-year limited seller warranty**. For specific terms and conditions, please refer to the warranty documentation provided with your purchase or contact the seller directly.

SUPPORT

For technical assistance, driver downloads, or further information regarding your Dell Pro Slim QCS1250 SFF Desktop, please visit the official Dell support website or contact Dell customer service. Keep your product's serial number or service tag readily available when seeking support.
You can find additional resources and contact information on the Dell Support Website.