

Dell QCM1250

Dell Pro Micro QCM1250 AI Business MFF Mini PC Instruction Manual

Model: QCM1250

INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Dell Pro Micro QCM1250 AI Business MFF Mini PC. Please read these instructions carefully before using the product.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Dell Pro Micro QCM1250 Mini PC
- Power Adapter (90W PSU)
- USB Keyboard
- USB Mouse
- Documentation (this manual)

SETUP

1. Connecting Peripherals

Connect your monitor, keyboard, and mouse to the appropriate ports on the Mini PC.



Image: Front Ports. This image displays the front panel of the Dell Pro Micro QCM1250 Mini PC, highlighting the power button, a USB 3.2 Type-A port (5Gbps), a USB 3.2 Type-C port (10Gbps), and a combined headphone/microphone jack.

- **Display:** Connect your monitor to either the HDMI 2.1 port or the DisplayPort on the rear of the PC.
- **Keyboard and Mouse:** Connect the USB keyboard and mouse to any available USB ports (USB 2.0, USB 3.2 Type-A, or USB 3.2 Type-C).
- **Network:** For a wired connection, connect an Ethernet cable to the RJ-45 port.
- **Audio:** Use the headphone/microphone combo jack on the front for audio input/output.



Image: Rear Ports. This image shows the rear panel of the Dell Pro Micro QCM1250 Mini PC, detailing the Ethernet (RJ-45) port, two USB 2.0 Type-A ports, two USB 3.2 Type-A ports (5Gbps), HDMI 2.1 port, and DisplayPort.

2. Power Connection

Connect the power adapter to the Mini PC's power input and then plug the power cord into a wall outlet.

3. Initial Boot and Operating System Setup

Press the power button located on the front of the Mini PC. The system will boot into Windows 11 Pro. Follow the on-screen instructions to complete the initial setup, including language selection, network configuration, and user account creation.

OPERATING INSTRUCTIONS

Basic Operation

Your Dell Pro Micro QCM1250 Mini PC comes pre-installed with Windows 11 Pro, providing a familiar and efficient operating environment. Utilize the connected keyboard and mouse for navigation and input.

- **Power On/Off:** Press the power button to turn the PC on. To shut down, use the Windows Start menu options.
- **Restart:** Select the restart option from the Windows Start menu.
- **Sleep Mode:** The system can enter sleep mode to conserve power. Wake it by moving the mouse or pressing a key on the keyboard.

Connectivity

- **Wi-Fi:** The PC supports Wi-Fi 6E (802.11ax). To connect to a wireless network, click the network icon in the taskbar and select your desired network.
- **Bluetooth:** Bluetooth 5.3 is integrated for connecting wireless peripherals such as headphones or speakers. Access Bluetooth settings via the Windows Settings menu.
- **Ethernet:** For a stable wired connection, ensure an Ethernet cable is connected to the RJ-45 port and your network router/switch.

MAINTENANCE

General Care

- Keep the Mini PC in a well-ventilated area to prevent overheating.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not place heavy objects on top of the PC.

Cleaning

- Use a soft, dry cloth to clean the exterior surfaces.
- For stubborn marks, slightly dampen the cloth with water. Avoid harsh chemicals.
- Periodically clean dust from the ventilation grilles using compressed air to maintain optimal airflow.

Software Updates

Regularly check for and install Windows updates to ensure system stability, security, and performance. Access Windows Update settings via the Start menu.

TROUBLESHOOTING

This section addresses common issues you might encounter. For more complex problems, refer to Dell's official support resources.

Problem	Possible Cause	Solution
No Power	Power cable disconnected; Power outlet issue.	Ensure power cable is securely connected to both the PC and the wall outlet. Test the outlet with another device.
No Display	Monitor cable loose; Incorrect input selected on monitor.	Check display cable connections (HDMI/DisplayPort). Ensure monitor is set to the correct input source.
No Internet Connection (Wired)	Ethernet cable disconnected; Router/modem issue.	Verify Ethernet cable is connected. Restart your router/modem.

Problem	Possible Cause	Solution
No Internet Connection (Wireless)	Wi-Fi disabled; Incorrect password; Router issue.	Ensure Wi-Fi is enabled in Windows settings. Re-enter Wi-Fi password. Restart your router.
Peripherals Not Responding	Loose USB connection; Driver issue.	Reconnect USB devices. Try different USB ports. Check Device Manager for driver issues.

SPECIFICATIONS



Image: Dell Pro Micro QCM1250 Overview. This image provides a multi-angle view of the Dell Pro Micro QCM1250 Mini PC, illustrating its compact form factor.

- Model:** QCM1250
- Processor:** Intel Ultra 5-235T (15th Gen), 2.20GHz (up to 5 GHz), 14-Cores, 14-Threads, 24MB Cache
- Memory:** 16GB DDR5 SO-DIMM
- Storage:** 1TB PCIe SSD
- Graphics:** Intel Integrated Graphics
- Operating System:** Windows 11 Pro (64-bit)
- Wireless Connectivity:** Wi-Fi 6E (802.11ax), Bluetooth 5.3
- Wired Connectivity:** RJ-45 Ethernet
- Front Ports:** 1x USB 3.2 Type-A (5Gbps), 1x USB 3.2 Type-C (10Gbps), Headphone/Microphone Combo Jack, Power Button
- Rear Ports:** 2x USB 2.0 Type-A, 2x USB 3.2 Type-A (5Gbps), 1x HDMI 2.1, 1x DisplayPort, RJ-45 Ethernet, Power Input
- Power Supply:** 90W PSU
- Dimensions (WxLxH):** 7.25 inches x 8 inches x 1.5 inches
- Weight:** 2.6 lbs
- Included Peripherals:** USB Keyboard, USB Mouse

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Dell website or contact Dell customer service. Keep your purchase receipt and product serial number (located on the device) for warranty claims.

Manufacturer: Dell

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question