

[Manuals.plus](#) /

› [Dell](#) /

› Dell OptiPlex 7090 MFF Micro Form Factor Desktop Computer User Manual

Dell OptiPlex 7090 MFF

Dell OptiPlex 7090 MFF Micro Form Factor Desktop Computer User Manual

Model: OptiPlex 7090 MFF

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Dell OptiPlex 7090 MFF Micro Form Factor Desktop Computer. Please read this manual thoroughly before using your computer to ensure proper functionality and to prevent damage.



Figure 1: Dell OptiPlex 7090 MFF Micro Form Factor Desktop Computer.

2. SETUP INSTRUCTIONS

2.1 Unpacking the Computer

Carefully remove all components from the packaging. Ensure the following items are present:

- Dell OptiPlex 7090 MFF Desktop Computer
- Power Adapter and Cable
- Keyboard
- Mouse
- Documentation (Quick Start Guide, Safety Information)

2.2 Connecting Peripherals

Connect your monitor, keyboard, mouse, and other devices to the appropriate ports on the computer.





Figure 2: Front Panel Ports. Includes power button, audio jacks, USB-C, and USB-A ports.





Figure 3: Rear Panel Ports. Includes antenna connector, Ethernet, multiple USB-A ports, and DisplayPort outputs.

1. **Connect Monitor:** Use a DisplayPort cable to connect your monitor to one of the DisplayPort outputs on the rear of the computer.
2. **Connect Keyboard and Mouse:** Plug the keyboard and mouse USB connectors into any available USB ports on the front or rear panel.
3. **Connect Power:** Connect the power adapter to the computer's power input, then plug the power cable into an electrical outlet.
4. **Connect Network (Optional):** For a wired connection, plug an Ethernet cable into the RJ-45 port on the rear panel. For wireless, ensure the Wi-Fi antenna is connected (if external).

2.3 Initial Power-On

Press the power button located on the front panel of the computer. The system will boot up, and you may be prompted to complete the Windows 11 Pro setup process.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off and Restart

- **Power On:** Press the power button once.
- **Shut Down:** Click the Start button in Windows, then select Power > Shut down.
- **Restart:** Click the Start button in Windows, then select Power > Restart.
- **Sleep:** Click the Start button in Windows, then select Power > Sleep.

3.2 Network Connectivity

Your OptiPlex 7090 MFF supports both wired (Ethernet) and wireless (Wi-Fi 6) network connections.

- **Wi-Fi:** To connect to a wireless network, click the network icon in the Windows taskbar, select your desired Wi-Fi network, and enter the password if prompted.
- **Ethernet:** If an Ethernet cable is connected, the system should automatically establish a wired network connection.

3.3 Using USB and Bluetooth Devices

- **USB Devices:** Plug USB devices (e.g., external drives, printers, webcams) into any available USB ports. The system will typically install necessary drivers automatically.
- **Bluetooth Devices:** To pair a Bluetooth device, go to Windows Settings > Devices > Bluetooth & other devices, turn on Bluetooth, and follow the on-screen instructions to add a new device.

4. MAINTENANCE

4.1 Cleaning the Computer

Regular cleaning helps maintain performance and extends the life of your computer.

- **Exterior:** Use a soft, lint-free cloth lightly dampened with water or a mild cleaning solution. Avoid harsh chemicals.
- **Vents:** Use compressed air to clear dust from the ventilation openings to ensure proper airflow and prevent overheating. Perform this regularly.
- **Ports:** Gently clean ports with compressed air to remove dust and debris.

4.2 Software Updates

Keep your operating system and drivers updated to ensure optimal performance, security, and compatibility.

- **Windows Updates:** Go to Windows Settings > Windows Update and check for updates regularly.
- **Driver Updates:** Visit the official Dell support website for your OptiPlex 7090 MFF model to download the latest drivers.

4.3 Data Backup

Regularly back up your important data to an external drive or cloud storage to prevent data loss.

5. TROUBLESHOOTING

This section addresses common issues you might encounter.

5.1 No Power

- Ensure the power cable is securely connected to both the computer and the electrical outlet.
- Verify the electrical outlet is functional by plugging in another device.
- Check the power adapter for any damage.

5.2 No Display on Monitor

- Confirm the monitor is powered on and its input source is correctly selected.
- Check that the DisplayPort cable is securely connected to both the computer and the monitor.
- Try connecting the monitor to a different DisplayPort on the computer, if available.

5.3 Network Connectivity Issues

- **Wired:** Ensure the Ethernet cable is properly connected and check the router/modem status.
- **Wireless:** Verify Wi-Fi is enabled in Windows, check if you are connected to the correct network, and ensure the Wi-Fi password is correct. Restart your router/modem.

5.4 System is Slow or Unresponsive

- Close unnecessary applications running in the background.
- Check for and install any pending Windows updates.
- Run a system scan for malware or viruses.
- Restart the computer.

6. SPECIFICATIONS

Key technical specifications for the Dell OptiPlex 7090 MFF Micro Form Factor Desktop Computer:

Feature	Detail
Brand	Dell
Model Number	Dell OptiPlex 7090 MFF
Operating System	Windows 11 Pro
CPU Model	Intel Core i5-10500T
CPU Speed	2.3 GHz (up to 3.80 GHz with Turbo Boost)
RAM Memory Installed Size	8 GB DDR4
Hard Disk Interface	Solid State (PCIe SSD)
Graphics Card	Intel UHD Graphics 630
Connectivity Technology	Bluetooth 5.1, Ethernet, USB, Wi-Fi 6 (802.11ax)
Item Dimensions (L x W x H)	7 x 1.4 x 7.2 inches
Included Components	Keyboard, Mouse

7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Dell support website. You will need your service tag or express service code, typically found on a label on the computer chassis, to access specific support resources.

Dell Support Website: www.dell.com/support