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## Dell Tower

# Dell Pro Tower Desktop PC User Manual

Model: Tower



## INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Dell Pro Tower Desktop PC. This system is designed for business and general computing tasks, featuring a 14th Gen Intel Core i5-14500 vPro processor, 16GB DDR5 RAM, and a 1TB PCIe SSD, running on Windows 11 Pro.



Image: Front view of the Dell Pro Tower Desktop PC.

## SETUP INSTRUCTIONS

### 1. Unpacking and Placement

- Carefully remove the computer and all accessories from the packaging.
- Place the tower on a stable, flat surface with adequate ventilation. Ensure no vents are obstructed.

### 2. Connecting Peripherals

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



## Intel Core i5 14500

14TH GEN RAPTOR LAKE DESKTOP PROCESSOR

14 CORES | 20 THREADS | 24MB CACHE MEMORY | LGA1700 SOCKET



Image: Front view of the Dell Pro Tower with labeled ports.

### Front Ports:

1. Power Button with diagnostic LED
2. Global Headset Jack
3. USB 2.0 (480 Mbps) Type-A Port
4. USB 2.0 (480 Mbps) Type-A Port
5. USB 3.2 Gen 1 (5 Gbps) Type-A Port
6. USB 3.2 Gen 1 (5 Gbps) Type-C Port

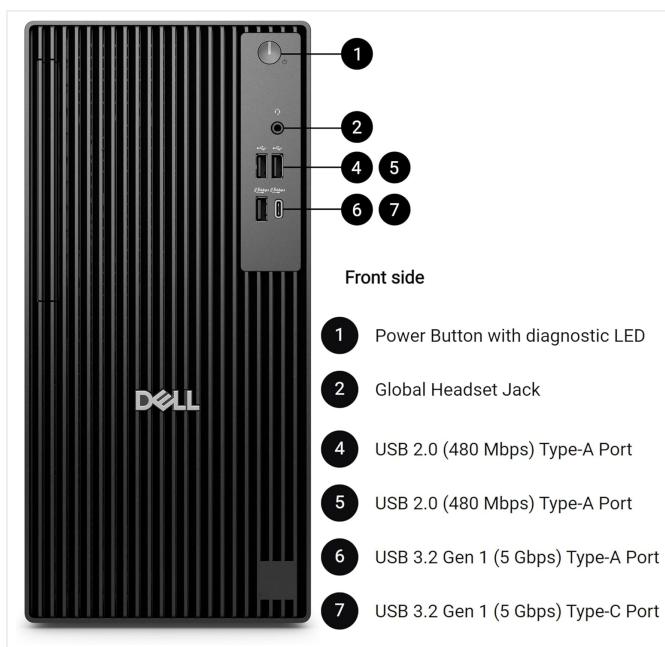


Image: Rear view of the Dell Pro Tower with labeled ports.

### Rear Ports:

8. DisplayPort 1.4a (up to 4096 x 2160 @60Hz)
9. HDMI 2.1 (up to 4096 x 2160 @60Hz)
10. USB 3.2 Gen 1 (5 Gbps) Type-A Port
11. USB 3.2 Gen 1 (5 Gbps) Type-A Port

12. USB 2.0 (480 Mbps) Type-A Port with Smart Power  
On
13. USB 2.0 (480 Mbps) Type-A Port with Smart Power  
On
14. Padlock Ring
15. RJ45 Ethernet Port (1 Gbps)
16. Three Expansion Slots (PCIe x1, PCIe x1, PCIe x16)
17. Kensington Security Cable Slot
18. Power-cord Connector Port
19. Power-supply Diagnostic Light

### 3. Power Connection

- Connect the power cord to the power-cord connector port on the rear of the computer.
- Plug the other end of the power cord into a grounded electrical outlet.

### 4. Initial Power On and Operating System Setup

- Press the power button on the front of the tower.
- Follow the on-screen instructions to complete the Windows 11 Pro setup. This includes setting up your user account, network connection, and privacy settings.

### 5. Network Connection

- **Wired Connection:** Connect an Ethernet cable from your router or modem to the RJ45 Ethernet Port on the rear of the computer.
- **Wireless Connection:** This model requires a USB WiFi adapter for wireless connectivity. Insert the provided USB WiFi adapter into an available USB port. Follow the on-screen instructions to connect to your wireless network.

## OPERATING INSTRUCTIONS

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### Basic Operation

- **Power On/Off:** Press the power button to turn the computer on. To shut down, click the Start button in Windows, then select Power > Shut down.
- **Restart:** To restart the computer, click the Start button, then select Power > Restart.
- **Sleep Mode:** To put the computer into sleep mode, click the Start button, then select Power > Sleep.

### Multi-Display Setup

The Dell Pro Tower supports multiple displays using the HDMI 2.1 and DisplayPort 1.4a outputs. Connect your monitors to these ports. Windows 11 Pro allows you to configure display settings (extend, duplicate, or second screen only) via the Display Settings menu.



Image: Dell Pro Tower connected to multiple monitors in an office setting.

## MAINTENANCE

### General Care

- Keep the computer in a clean, dust-free environment.
- Avoid placing liquids or food near the computer.
- Ensure proper ventilation to prevent overheating.

### Cleaning

- Use a soft, lint-free cloth to clean the exterior surfaces.
- For stubborn marks, slightly dampen the cloth with water or a mild, non-abrasive cleaner.
- Use compressed air to clear dust from vents and ports periodically.

### Software Updates

- Regularly check for and install Windows updates to ensure system security and performance.
- Keep device drivers updated, especially for graphics and network components.

## TROUBLESHOOTING

If you encounter issues, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power cord is securely connected to both the computer and the electrical outlet. Check the power-supply diagnostic light on the rear of the unit.
- **No Display:** Verify that the monitor is properly connected to the DisplayPort or HDMI port and is powered on. Try connecting to a different display port or monitor if available.

- **No Internet Connection (Wireless):** Ensure the USB WiFi adapter is correctly installed and drivers are up to date. Check your router and network settings.
- **No Internet Connection (Wired):** Verify the Ethernet cable is securely connected. Check your router/modem and network settings.
- **System Freezes/Unresponsive:** Press and hold the power button for 10 seconds to force a shutdown. Restart the computer. If the issue persists, check for recent software installations or updates.

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

## SPECIFICATIONS

Component	Detail
<b>Model</b>	Dell Pro Tower Desktop
<b>Processor</b>	14th Gen Intel Core i5-14500 vPro (14 Cores, 20 Threads, up to 5.0GHz)
<b>Graphics</b>	Intel UHD Graphics 770 (Integrated)
<b>Operating System</b>	Windows 11 Professional English 64bit
<b>Memory (RAM)</b>	16GB DDR5 SDRAM
<b>Storage</b>	1TB PCIe SSD
<b>Optical Drive</b>	No
<b>Wireless</b>	No Built-in Wireless LAN Card (USB WiFi Adapter included)
<b>Front Ports</b>	2x USB 2.0, 1x USB 3.2 Gen 1 Type-C, 1x USB 3.2 Gen 1 Type-A, 1x Universal audio jack
<b>Rear Ports</b>	2x USB 2.0 (with Smart Power On), 2x USB 3.2 Gen 1 Type-A, 1x DisplayPort 1.4a, 1x HDMI 2.1, 1x RJ45 Ethernet Port
<b>Dimensions (HxWxD)</b>	324.30 mm (12.77 in.) x 154.00 mm (6.06 in.) x 293.00 mm (11.54 in.)
<b>Weight</b>	Starting at 5.44 kg (12.00 lb)
<b>Power Supply</b>	180W Bronze Power Supply

## Rear side

- 8 DisplayPort 1.4a, up to 4096 x 2160 @60Hz
- 10 HDMI 2.1, up to 4096 x 2160 @60Hz
- 12 USB 3.2 Gen 1 (5 Gbps) Type-A Port
- 13 USB 3.2 Gen 1 (5 Gbps) Type-A Port
- 14 USB 2.0 (480 Mbps) Type-A Port with SmartPower On
- 15 USB 2.0 (480 Mbps) Type-A Port with SmartPower On
- 16 Padlock Ring
- 17 RJ-45 Ethernet Port (1 Gbps)
- Three Expansion Slots:
  - 18 One Full-height PCIe x1 slot
  - One Full-height PCIe x1 slot
  - One Full-height PCIe x16 slot
- 19 Kensington Security Cable Slot
- 20 Power-cord Connector Port
- 21 Power-supply Diagnostic Light

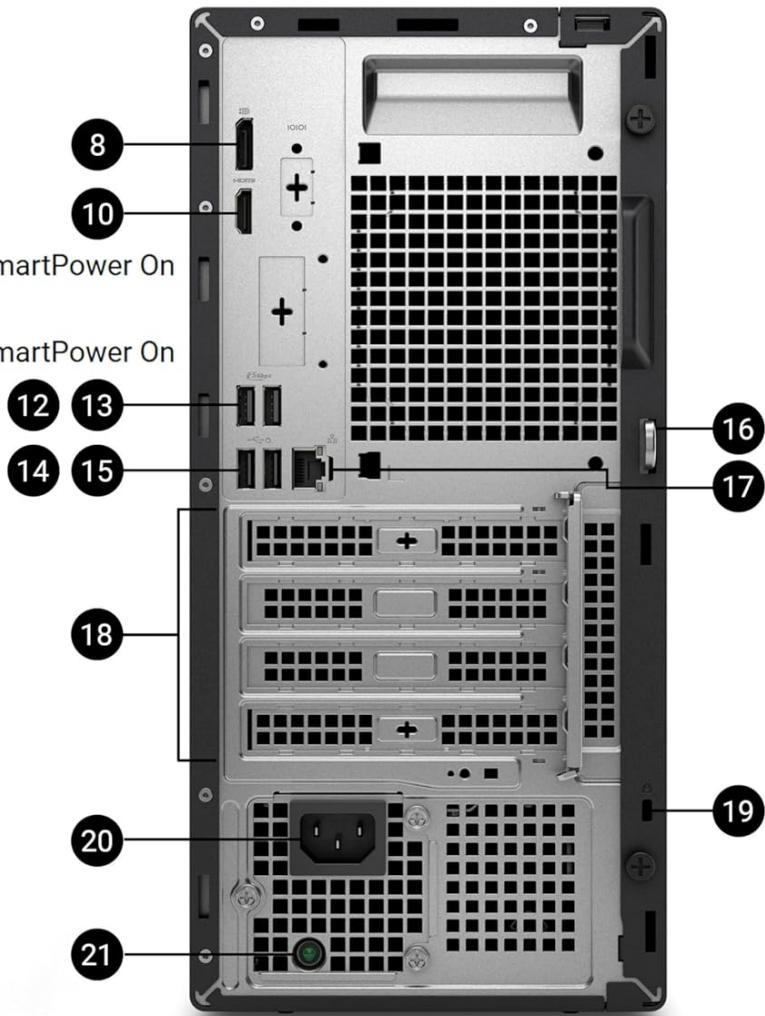


Image: Diagram showing the dimensions of the Dell Pro Tower Desktop PC.

## WARRANTY AND SUPPORT

Your Dell Pro Tower Desktop PC comes with a standard manufacturer's warranty. For detailed warranty information, including terms and conditions, please refer to the documentation provided with your purchase or visit the official Dell support website.

For technical assistance, driver downloads, or further support, please visit [www.dell.com/support](http://www.dell.com/support) or contact Dell customer service directly.