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HP 290 G9

HP Pro Tower 290 G9 Business Desktop User Manual

Model: 290 G9 | Brand: HP

1. INTRODUCTION

This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your HP Pro Tower 290 G9 Business Desktop. Please read this manual thoroughly to ensure proper use and to maximize the performance and longevity of your device.



Image: The HP Pro Tower 290 G9 Business Desktop, shown with its included keyboard and mouse, ready for use.

2. PRODUCT OVERVIEW

Key Features:

- **Processor:** 13th Gen Intel Core i3-13100 (up to 4.5 GHz with Intel Turbo Boost Technology, 12 MB L3 cache, 4 cores, 8 threads).
- **Graphics:** Integrated Intel UHD 730 Graphics card.
- **Memory:** Configurable with up to 32GB of DDR4 RAM for seamless multitasking and smooth performance.
- **Storage:** Options include up to a 2TB PCIe M.2 Solid State Drive, offering ultra-fast access speeds and ample space for large files and applications.
- **Connectivity:** Wi-Fi and Bluetooth combo with MU-MIMO support.
- **Operating System:** Windows 11 Pro, 64-bit, US English.

What's in the Box:

- HP Pro Tower 290 G9 Business Desktop
- HP 125 Wired USB Keyboard (Black)
- HP 125 Wired USB Mouse (Black)
- Power Cord

3. SETUP

3.1 Initial Setup

1. **Unpack:** Carefully remove the desktop, keyboard, and mouse from their packaging.
2. **Connect Monitor:** Connect your monitor to the desktop using an HDMI or VGA cable.
3. **Connect Peripherals:** Plug the wired USB keyboard and mouse into the available USB ports on the desktop.
4. **Power Connection:** Connect the power cord to the desktop and then to a power outlet.
5. **Power On:** Press the power button on the front of the desktop to turn it on.

((o)) Connect and stream smoothly thanks to the Wi-Fi® and Bluetooth® combo with MU-MIMO support for multi-device homes.



Image: The desktop computer set up on a desk with a monitor, keyboard, and mouse, demonstrating a typical workspace configuration.

3.2 Operating System Setup (Windows 11 Pro)

Your HP Pro Tower 290 G9 comes with Windows 11 Pro pre-installed. Upon the first boot, you will be guided through the initial setup process, which includes:

- Selecting your region and keyboard layout.
- Connecting to a Wi-Fi network (if applicable).
- Accepting the Microsoft License Terms.
- Creating or signing in with a Microsoft account.
- Setting up privacy settings.

Follow the on-screen prompts to complete the setup. Once finished, your desktop will be ready for use.



From a rejuvenated Start menu to new ways to connect, the Windows 11 Pro OS is the place to pursue your passions through a fresh experience.



Image: The desktop and monitor displaying a video editing interface, highlighting its capability for resource-intensive tasks.

4. OPERATING THE DESKTOP

4.1 Front Panel Features

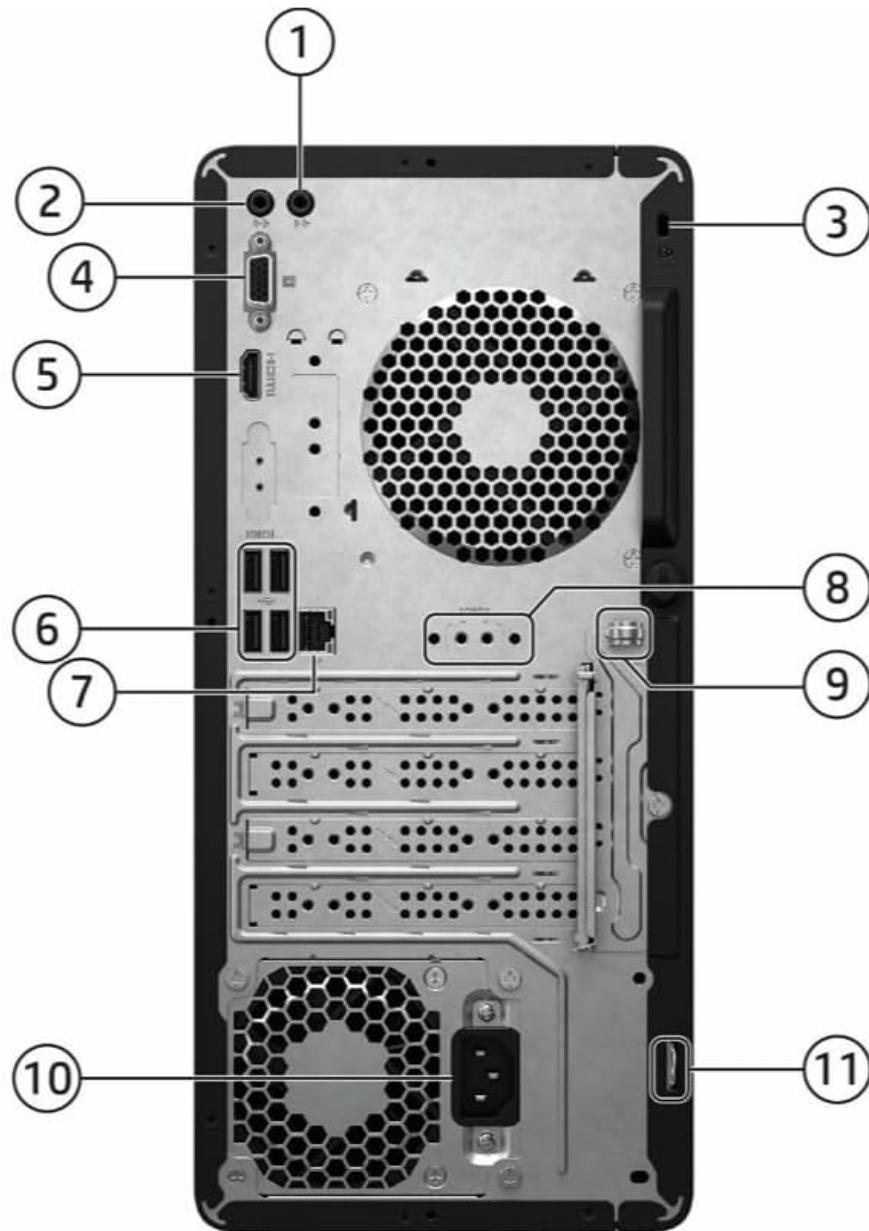
The front panel of your HP Pro Tower 290 G9 provides convenient access to essential ports and controls:

- **Power Button:** Used to turn the desktop on or off.
- **Combo Jack (Headphone/Microphone):** For connecting headsets or external microphones.
- **SuperSpeed USB 5Gbps signaling rate ports (4):** For connecting USB devices such as external drives, printers, or other peripherals.

4.2 Rear Panel Features

The rear panel houses various ports for connecting monitors, network cables, and other devices:

HP Pro Tower 290 G9 Desktop PC



1. Audio Line out	6. Connector (4) USB 2.0 port
2. Audio Line in	7. RJ-45 Network
3. Standard lock slot	8. Serial port (optional)
4. VGA Port¹	9. Integrated accessories cable lock
5. HDMI Port¹	10. Power Cord Connector²
	11. Padlock Loop

Image: A detailed diagram of the rear panel of the HP Pro Tower 290 G9, indicating the location and type of each port for easy identification and connection.

1. **Audio Line out:** For connecting external speakers or headphones.
2. **Audio Line in:** For connecting audio input devices.
3. **Standard lock slot:** For securing the desktop with a cable lock.
4. **VGA Port:** For connecting a monitor using a VGA cable.
5. **HDMI Port:** For connecting a monitor or display using an HDMI cable.
6. **Connector (4) USB 2.0 port:** For connecting USB 2.0 devices.
7. **RJ-45 Network:** For connecting to a wired network using an Ethernet cable.
8. **Serial port (optional):** For connecting serial devices.

9. **Integrated accessories cable lock:** For securing accessories.
10. **Power Cord Connector:** For connecting the power cord.
11. **Padlock Loop:** For securing the desktop with a padlock.

4.3 Connectivity

The desktop supports both wired and wireless connectivity options:

- **Wi-Fi:** Integrated Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi for wireless internet access.
- **Bluetooth:** Integrated Bluetooth 5 for connecting wireless peripherals.
- **Ethernet:** RJ-45 port for stable wired network connections.



Image: The desktop and monitor displaying a photo editing application, demonstrating its suitability for creative and business tasks.

4.4 Performance

The HP Pro Tower 290 G9 is designed for business and productivity tasks, offering:

- **Fast Processing:** The 13th Gen Intel Core i3 processor provides efficient performance for daily computing.

- **Multitasking Capability:** With 16GB DDR4 RAM, the system handles multiple applications simultaneously without significant slowdowns.
- **Quick Storage Access:** The combination of a 256GB PCIe SSD and a 1TB HDD offers both rapid boot times and ample storage for documents and media.

5. MAINTENANCE

5.1 General Care

- Keep the desktop in a well-ventilated area to prevent overheating.
- Clean the exterior with a soft, dry cloth. Avoid liquid cleaners directly on the device.
- Regularly check for dust accumulation in vents and clean as necessary using compressed air.

5.2 Software Updates

- Ensure Windows 11 Pro is kept up-to-date with the latest security patches and feature updates.
- Install driver updates for hardware components as recommended by HP or Intel.

6. TROUBLESHOOTING

If you encounter issues with your HP Pro Tower 290 G9, consider the following basic troubleshooting steps:

- **No Power:** Check all power connections, including the power outlet and the desktop's power cord.
- **No Display:** Ensure the monitor is properly connected and powered on. Try a different video cable or port if available.
- **Peripheral Not Working:** Verify that the keyboard, mouse, or other peripherals are securely connected to the correct USB ports. Try connecting them to different ports.
- **Slow Performance:** Close unnecessary applications, check for background processes, and ensure sufficient free storage space.
- **Network Connectivity Issues:** For Wi-Fi, ensure you are connected to the correct network and the signal is strong. For wired connections, check the Ethernet cable and router status.

For more detailed troubleshooting or persistent issues, refer to the official HP support website or contact HP customer service.

7. SPECIFICATIONS

Feature	Detail
Brand	HP
Series	Pro Tower
Model Number	290 G9
Processor	13th Gen Intel Core i3-13100 (4 cores, 8 threads, up to 4.5 GHz)
RAM	16 GB DDR4 (Configurable up to 32GB)
Storage	256GB PCIe M.2 SSD + 1TB HDD (Configurable up to 2TB PCIe M.2 SSD)

Feature	Detail
Graphics	Integrated Intel UHD Graphics 730
Operating System	Windows 11 Pro, 64-bit, English
Connectivity	Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi, Bluetooth 5, RJ-45 Ethernet
Front Ports	4x USB Type-A 5Gbps, 1x Headphone/Microphone Combo
Rear Ports	1x HDMI, 1x VGA, 1x Audio Line in, 1x Audio Line out, 1x RJ-45, 4x USB 2.0
Optical Drive	HP 9.5 mm Slim DVD-Writer
Power Supply	180 W external power adapter
Dimensions (L x W x H)	11.92 x 6.10 x 13.27 inches (30.28 x 15.49 x 33.71 cm)
Weight	Starting at 10.5 lbs (4.76 kg)



Image: The physical dimensions of the HP Pro Tower 290 G9 desktop, illustrating its compact form factor.

8. OFFICIAL PRODUCT VIDEOS

The following videos provide additional visual guidance and information about the HP Pro Tower 290 G9 Business Desktop:

HP Tower Desktop Computer Overview

Your browser does not support the video tag.

Video Description: A brief overview of the HP Tower Desktop Computer, showcasing its design and key features. This video is provided by the seller, Poly Molly.

Unboxing and Initial Impressions

Your browser does not support the video tag.

Video Description: An unboxing and initial impressions video of the HP Pro Tower 290 G9, highlighting its components and immediate usability. This video is provided by the seller, Dana.

Product Features and Benefits

Your browser does not support the video tag.

Video Description: A video detailing the features and benefits of the HP Pro Tower 290 G9, offering insights into its capabilities. This video is provided by the seller, Vsimb's reviews.

In-depth Look at the HP Pro Tower 290 G9

Your browser does not support the video tag.

Video Description: An in-depth video review of the HP Pro Tower 290 G9, providing a comprehensive look at its performance and design. This video is provided by the seller, Vsimb's reviews.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product or visit the official HP support website. HP provides various support resources, including online FAQs, driver downloads, and customer service contact options.

You can find more information and support at the [HP Store on Amazon](#).