

HP ProDesk 600 G4

HP ProDesk 600 G4 Mini Desktop Computer User Manual

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HP ProDesk 600 G4 Mini Desktop Computer. Please read this guide thoroughly to ensure proper use and to maximize the performance and longevity of your device.

1.1. Package Contents

Upon unpacking your HP ProDesk 600 G4 Mini, verify that all components are present:

- HP ProDesk 600 G4 Mini Desktop Computer
- Power Adapter and Cord
- Documentation (this manual, warranty information)
- Optional: Speakers, Keyboard, Monitor, Mouse (if purchased as a bundle)

2. SETUP

Follow these steps to set up your HP ProDesk 600 G4 Mini Desktop Computer.

2.1. Connecting Peripherals

Before powering on, connect your essential peripherals.

1. **Connect Monitor:** Use an HDMI or DisplayPort cable to connect your monitor to the corresponding port on the rear of the computer.
2. **Connect Keyboard and Mouse:** Plug your USB keyboard and mouse into any available USB ports on the front or rear of the computer.
3. **Connect Network (Optional):** For a wired connection, plug an Ethernet cable into the RJ-45 network port on

the rear. For wireless, ensure your computer has a Wi-Fi adapter and configure it after initial setup.

4. **Connect Audio (Optional):** If using external speakers or headphones, connect them to the audio output jack on the front or rear.



Figure 2.1: Front panel of the HP ProDesk 600 G4 Mini, featuring USB-C, two USB 3.0 ports, and audio jacks.



Figure 2.2: Rear panel of the HP ProDesk 600 G4 Mini, including DisplayPort, HDMI, multiple USB ports, and an Ethernet port.

2.2. Power Connection and Initial Boot

1. **Connect Power:** Plug the power adapter into the computer's power input, then plug the power cord into a wall outlet.
2. **Power On:** Press the power button located on the front panel of the computer. The power indicator light will illuminate.
3. **Windows Setup:** Follow the on-screen instructions to complete the initial setup of Windows 10 Pro. This may include setting up user accounts, network connections, and privacy settings.

3. OPERATING INSTRUCTIONS

This section covers basic operation of your HP ProDesk 600 G4 Mini.

3.1. Power Management

- **Turning On:** Press the power button on the front panel.
- **Shutting Down:** Click the Start button in Windows, then select Power > Shut down.
- **Restarting:** Click the Start button in Windows, then select Power > Restart.
- **Sleep Mode:** Click the Start button in Windows, then select Power > Sleep.

3.2. Connecting to a Network

- **Wired Connection:** Ensure an Ethernet cable is connected to the RJ-45 port on the rear of the computer and to an active network source. The system should automatically detect the connection.
- **Wireless Connection:** In Windows, click the Wi-Fi icon in the taskbar, select your desired network, enter the password if prompted, and click Connect.

3.3. Using USB Devices

The HP ProDesk 600 G4 Mini features multiple USB 3.0 ports and a USB-C port. Simply plug your USB devices (e.g., external hard drives, flash drives, printers) into any available USB port. Windows will typically install necessary drivers automatically.

3.4. Audio Connections

Connect headphones or external speakers to the 3.5mm audio output jack. If using a headset with a microphone, connect it to the dedicated headset jack or the microphone input jack.

4. MAINTENANCE

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

4.1. Cleaning

- **Exterior:** Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the exterior surfaces. Avoid harsh chemicals.
- **Vents:** Periodically use compressed air to clear dust from the ventilation grilles to prevent overheating. Ensure the computer is powered off before cleaning vents.

4.2. Software Updates

Keep your operating system and drivers updated. Windows Update automatically handles OS updates. For HP-specific drivers and firmware, visit the official HP support website for your model.

4.3. Data Backup

Regularly back up your important data to an external drive or cloud storage to prevent data loss in case of system failure.

5. TROUBLESHOOTING

This section addresses common issues you might encounter.

5.1. No Power

- **Check Power Connections:** Ensure the power adapter is securely plugged into the computer and the wall outlet.
- **Test Outlet:** Plug another device into the wall outlet to confirm it is functional.
- **Power Button:** Ensure the power button is fully pressed.

5.2. No Display

- **Monitor Connection:** Verify that the monitor cable is securely connected to both the computer and the monitor.
- **Monitor Power:** Ensure the monitor is powered on and set to the correct input source.
- **Try Another Port/Cable:** If possible, test with a different display port on the computer or a different cable.

5.3. Network Connectivity Issues

- **Wired:** Check the Ethernet cable connection. Restart your router/modem.
- **Wireless:** Ensure Wi-Fi is enabled in Windows. Verify your Wi-Fi password. Restart your router/modem.
- **Drivers:** Ensure network adapter drivers are up to date.

5.4. System Slowdown

- **Close Unused Programs:** Close applications running in the background that are not in use.
- **Check Disk Space:** Ensure there is sufficient free space on your primary drive.
- **Scan for Malware:** Run a full system scan using antivirus software.
- **Updates:** Ensure Windows and drivers are up to date.

6. SPECIFICATIONS

Key technical specifications for the HP ProDesk 600 G4 Mini Desktop Computer:

Feature	Specification
Processor	Intel Core i7-8700T Six-Core (2.4 GHz)
Memory (RAM)	8GB DDR4
Storage	256GB SSD
Graphics	Intel UHD Graphics 630
Operating System	Windows 10 Pro
Max Screen Resolution	3840 x 2160
Wireless Type	2.4 GHz Radio Frequency (Wi-Fi, Bluetooth)
USB Ports	Multiple USB 3.0, USB 2.0, USB-C
Video Output	DisplayPort, HDMI
Dimensions (LxWxH)	6.9 x 7 x 1.3 inches
Item Weight	1.27 ounces
Model Number	4HG93UT

7. WARRANTY AND SUPPORT

Your HP ProDesk 600 G4 Mini Desktop Computer comes with a standard manufacturer's warranty. Please refer to the warranty documentation included in your package for specific terms and conditions, including warranty duration and coverage details.

7.1. Technical Support

For technical assistance, driver downloads, or further troubleshooting, please visit the official HP support website. You will typically need your product's serial number or model number (4HG93UT) to access specific support resources.

HP Support Website: www.hp.com/support