

HP 800 G3

HP EliteDesk 800 G3 Mini PC User Manual

Essential guide for setup, operation, and maintenance of your HP EliteDesk 800 G3 Mini PC.

1. INTRODUCTION

The HP EliteDesk 800 G3 Mini PC is a compact and powerful desktop solution designed for business and personal productivity. Featuring an Intel Core i5-7500 processor, 8GB of DDR4 RAM, and a 256GB SSD, it offers efficient performance in a small form factor. This guide will assist you in getting started and maintaining your device.

2. PRODUCT OVERVIEW

Front Panel Features

The front panel of your HP EliteDesk 800 G3 Mini PC provides convenient access to essential ports and controls.



This image displays the front of the HP EliteDesk 800 G3 Mini PC, highlighting the power button, a USB-C port, two standard USB 3.1 Gen 1 ports, and audio input/output jacks.

- **Power Button:** Used to turn the PC on or off.
- **USB 3.1 Gen 1 Type-C Port:** For connecting modern USB-C devices.
- **USB 3.1 Gen 1 Ports (x2):** For connecting USB peripherals such as keyboards, mice, or external storage.
- **Headphone Jack:** For connecting headphones or external speakers.

- **Microphone Jack:** For connecting a microphone.

Rear Panel Features

The rear panel houses various connectivity options for peripherals and displays.



This image shows the rear panel of the HP EliteDesk 800 G3 Mini PC, featuring two DisplayPort 1.2 outputs, a VGA port, four USB 3.1 Gen 1 ports, and an RJ-45 Ethernet port for network connectivity.

- **DisplayPort 1.2 (x2):** For connecting digital displays.
- **VGA Port:** For connecting older analog displays.
- **USB 3.1 Gen 1 Ports (x4):** Additional ports for USB devices.
- **RJ-45 LAN Port:** For wired network connection.
- **Power Connector:** For connecting the power adapter.

Key Features

- 7th Gen Intel Core i5-7500 Processor @ 3.40GHz (4 Cores, 6M Cache, up to 3.80GHz) delivers power and responsiveness for productivity.
- 8GB DDR4-2400 Memory for multitasking.
- 256GB Solid-State Drive (SSD) for faster start-up times and data access, with no moving parts, reduced noise, and lower heat production.
- Intel HD Graphics 630 for visual processing.
- Intel 8265 802.11ac (2x2) Wi-Fi and Bluetooth for wireless connectivity.
- Pre-installed with Windows 10 Professional (64-bit).
- Compact design with a weight of 2.67 lbs.

3. SETUP

Unpacking and Initial Setup

1. Unpack the HP EliteDesk 800 G3 Mini PC, keyboard, and mouse from their packaging.
2. Place the Mini PC on a stable, flat surface with adequate ventilation to prevent overheating.
3. Connect your monitor(s) to the DisplayPort or VGA ports on the rear of the PC.
4. Connect the keyboard and mouse to the available USB ports on either the front or rear of the PC.
5. Connect the power adapter to the PC's power connector and then plug it into a power outlet.
6. Press the power button on the front panel to turn on the PC.

4. OPERATING SYSTEM AND INITIAL CONFIGURATION

Windows 10 Pro Setup

Your HP EliteDesk 800 G3 Mini PC comes pre-installed with Windows 10 Professional (64-bit). Upon first boot, follow the on-screen prompts to complete the initial setup, including language selection, network connection, and user account creation.

Connecting to a Network

- **Wired Connection:** Connect an Ethernet cable from your router or modem to the RJ-45 LAN port on the rear of the PC.
- **Wireless Connection:** The PC supports 802.11ac Wi-Fi. During Windows setup or via the Network & Internet settings, select your Wi-Fi network and enter the password.

Bluetooth Connectivity

The PC includes Bluetooth functionality. To connect Bluetooth devices, navigate to Settings > Devices > Bluetooth & other devices and follow the pairing instructions for your specific device.

5. MAINTENANCE

Cleaning

- Regularly clean the exterior of the PC with a soft, dry, lint-free cloth.
- Ensure ventilation grilles are free from dust and obstructions to maintain optimal airflow and prevent overheating.
- Use compressed air to gently clear dust from ports and vents.

Software Updates

- Keep your Windows operating system updated by regularly checking for updates via Settings > Update & Security > Windows Update.
- Install driver updates from the official HP support website to ensure optimal performance and compatibility with hardware components.

Data Backup

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

6. TROUBLESHOOTING

Common Issues and Solutions

- **No Power:** Ensure the power cable is securely connected to both the PC and a functional power outlet. Verify the power button is pressed.
- **No Display:** Check all monitor cable connections (DisplayPort, VGA). Ensure the monitor is powered on and set to the correct input source. Try connecting to a different display if possible.
- **No Internet Connection:** For wired connections, check the Ethernet cable and router/modem status. For wireless, verify Wi-Fi is enabled in Windows settings and connected to the correct network with the correct password.
- **Slow Performance:** Close unnecessary applications running in the background. Check for pending Windows updates. For SSDs, ensure sufficient free space.
- **Peripheral Not Detected:** Ensure USB devices are properly connected. Try a different USB port. Install or update device drivers if necessary from the manufacturer's website.

7. SPECIFICATIONS

Technical Specifications

Processor	Intel Core i5-7500 (7th Gen), 3.4 GHz (up to 3.8 GHz with Turbo Boost), 4 Cores, 6M Cache
RAM	8 GB DDR4-2400 MHz
Storage	256 GB SSD (Solid State Drive)
Graphics	Intel HD Graphics 630
Wireless Connectivity	Intel 8265 802.11ac (2x2) Wi-Fi, Bluetooth
Front I/O Ports	2x USB 3.1 Gen 1, 1x USB 3.1 Gen 1 Type-C, 1x Headphone, 1x Microphone
Rear I/O Ports	2x DisplayPort 1.2, 1x VGA, 4x USB 3.1 Gen 1, 1x RJ-45 LAN
Operating System	Windows 10 Professional (64-bit)
Dimensions (LxWxH)	6.97 x 1.35 x 6.88 inches
Weight	2.67 lbs
Included Accessories	Keyboard, Mouse

8. WARRANTY AND SUPPORT

Warranty Information

For detailed warranty information regarding your HP EliteDesk 800 G3 Mini PC, please refer to the specific warranty documentation included with your product at the time of purchase. You can also find general warranty terms and conditions on the official HP support website.

Customer Support

Should you require technical assistance, driver downloads, or further product information, please visit the official HP support website. You can also contact HP customer service directly through the contact methods provided on their website.