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HP Pavilion Gaming Desktop

HP Pavilion Gaming Desktop Core i5-9400F User Manual

Model: Pavilion Gaming Desktop

INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HP Pavilion Gaming Desktop. This system is equipped with an Intel Core i5-9400F processor, NVIDIA GeForce GTX 1660 Ti graphics, 32GB RAM, and a combination of 1TB SSD and 2TB SSHD storage, running Windows 10.

SETUP

1. Unboxing and Initial Placement

Carefully remove the desktop from its packaging. Ensure all included accessories, such as the keyboard and mouse, are present. Place the desktop on a stable, flat surface with adequate ventilation around all sides.

2. Connecting Peripherals

- **Monitor:** Connect your monitor to the graphics card ports (HDMI, DisplayPort, or DVI-D) on the back of the desktop.
- **Keyboard and Mouse:** Connect the included keyboard and mouse to any available USB ports.
- **Power:** Connect the power cable to the desktop's power input and then to a wall outlet.
- **Network (Optional):** For a wired internet connection, connect an Ethernet cable to the RJ-45 LAN port.



Image: HP Pavilion Gaming Desktop connected to a monitor, keyboard, and mouse, ready for use.

3. Initial Power On

Press the power button located on the front of the desktop. Follow the on-screen instructions to complete the Windows 10 operating system setup, including language, region, and user account creation.

OPERATING INSTRUCTIONS

Front Ports Overview

Ports - Back



- 4 USB 2.0
- 2 USB 3.1 Gen 1
- DVI-D
- HDMI
- DisplayPort™

*image may vary slightly from actual product

Image: Detailed diagram showing the front ports of the HP Pavilion Gaming Desktop.

- **DVD-Writer:** For reading and writing optical discs.
- **Headphone/Microphone Combo Jack:** Connect a headset with a single 3.5mm jack for audio input and output.
- **HP 3-in-1 Media Card Reader:** Insert compatible memory cards for data transfer.
- **2 USB 3.1 Gen 2 Ports:** High-speed USB ports for connecting compatible devices.
- **USB 3.1 Gen 1 Type-C™ Port:** Reversible USB-C port for fast data transfer and device connectivity.

Back Ports Overview

13.3 in (H)

11.02 in (D)

6.69 in (W)

Image: Detailed diagram showing the back ports of the HP Pavilion Gaming Desktop.

- **4 USB 2.0 Ports:** Standard USB ports for connecting peripherals.
- **2 USB 3.1 Gen 1 Ports:** High-speed USB ports for compatible devices.
- **DVI-D Port:** Digital video output for monitors.
- **HDMI Port:** High-Definition Multimedia Interface for video and audio output.
- **DisplayPort™:** Digital display interface for video output.
- **RJ-45 LAN Port:** For wired network connection.
- **Audio Ports:** Line-in, Line-out, and Microphone jacks for audio devices.

Wireless Connectivity

The desktop supports 802.11ac Wi-Fi for wireless internet access and Bluetooth for connecting wireless peripherals such as

headphones or game controllers. These can be configured through the Windows 10 settings.

MAINTENANCE

Cleaning

Regularly clean the exterior of the desktop with a soft, dry cloth. Use compressed air to clear dust from ventilation grilles to ensure proper airflow and prevent overheating. Do not use liquid cleaners directly on the components.

Software Updates

Keep your Windows 10 operating system and device drivers updated. Windows Update can be accessed via Settings > Update & Security. Graphics drivers should be updated regularly from the NVIDIA website for optimal gaming performance.

Storage Management

Periodically check your storage usage (1TB SSD + 2TB SSHD). Delete unnecessary files, uninstall unused programs, and consider using cloud storage for large files to maintain system performance.

TROUBLESHOOTING

- **No Power:** Ensure the power cable is securely connected to both the desktop and a working wall outlet. Try a different power outlet.
- **No Display:** Verify that the monitor is powered on and correctly connected to the graphics card ports on the desktop. Ensure the correct input source is selected on your monitor.
- **Peripherals Not Responding:** Check USB connections for keyboard and mouse. Try connecting them to different USB ports. For wireless devices, ensure they are charged and properly paired via Bluetooth.
- **System Slowdown:** Close unnecessary applications. Check Task Manager for processes consuming high CPU or RAM. Ensure sufficient free space on your drives.
- **Internet Connectivity Issues:** For Wi-Fi, check network settings and router status. For wired connections, ensure the Ethernet cable is properly connected and the router is functioning.

If issues persist, consult the HP support website or contact customer service for further assistance.

SPECIFICATIONS

Ports - Front



Image: Front view of the HP Pavilion Gaming Desktop showing its physical dimensions.

Feature	Detail
Brand	HP
Model Name	Pavilion Gaming Desktop
Operating System	Windows 10
Processor	Intel Core i5-9400F (Hexa-Core up to 4.10 GHz)
Graphics Coprocessor	NVIDIA GeForce GTX 1660 Ti 6GB GDDR6 (Dedicated)
RAM	32 GB DIMM (2666 MHz)
Storage	1 TB SSD + 2 TB SSHD
Optical Drive Type	DVD-RW

Feature	Detail
Wireless Type	802.11ac Wi-Fi, Bluetooth
Color	Black
Product Dimensions (LxWxH)	20.5 x 19.8 x 14.8 inches (approx. 52.07 x 50.29 x 37.59 cm)
Item Weight	5.15 pounds (approx. 2.34 kg)
Included Components	Keyboard, Mouse

WARRANTY AND SUPPORT

Your HP Pavilion Gaming Desktop comes with a standard manufacturer's warranty. For detailed warranty information, product registration, driver downloads, and technical support, please visit the official HP support website. Keep your purchase receipt and product serial number readily available when contacting support.

HP Support Website: support.hp.com