

[Manuals.plus](#) /

› [HP](#) /

› HP Pavilion Gaming Desktop PC TG01-0202in User Manual

HP TG01-0202in

HP Pavilion Gaming Desktop PC TG01-0202in User Manual

Model: TG01-0202in

INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your HP Pavilion Gaming Desktop PC, model TG01-0202in. Please read these instructions carefully before using your new desktop computer to ensure optimal performance and longevity.



Image: Front-left view of the HP Pavilion Gaming Desktop PC, showcasing its compact tower design and violet accents.

PRODUCT OVERVIEW

Key Features

- **Processor:** AMD Ryzen 7 5700G (3.8 GHz base, up to 4.6 GHz max boost, 8 cores)
- **Graphics:** NVIDIA GeForce RTX 3060 Ti (8 GB GDDR6 dedicated) with LHR
- **Memory:** 16 GB DDR4-3200 MHz RAM (1 x 16 GB), expandable to 32 GB
- **Storage:** 1 TB M.2 PCIe NVMe SSD
- **Operating System:** Windows 11 Home
- **Software:** Microsoft Office Home & Student 2019
- **Wireless Connectivity:** Realtek RTL8852AE Wi-Fi 6 (2x2) and Bluetooth 5.2 combo
- **Audio:** 5.1 surround sound support



Image: Overview of the HP Pavilion Gaming Desktop PC highlighting features like Windows 11, 16GB RAM, NVIDIA RTX 3060Ti, and 500W power supply.

Front Panel Components

HP PAVILION GAMING DESKTOP

GET READY TO GAME ON YOUR TERMS



Edgy Daring
Design



High-speed Performance
& Enhanced Thermals



Powerful
Graphics



Easy Expansion
& Customization



5th Gen AMD RYZEN™ 7 8-core processor

WINDOWS 11 PREINSTALLED

Image: Close-up of the front panel of the desktop, showing various ports and the power button.

- Power Button
- Audio Combo Jack
- 4x USB 3.1 Gen1 Type-A ports
- 1x USB 3.1 Gen1 Type-C port
- Media Memory Card Reader

Rear Panel Components

The rear panel provides connectivity for your display, network, and additional peripherals.

- 4x USB 2.0 Type-A ports
- 1x HDMI v1.4 port (HDCP 2.2)
- 1x VGA port
- 1x RJ45 Ethernet port
- 3x Audio Ports (for 5.1 Surround Sound)

- Video Connectors: 1 HDMI, 3 DisplayPort (from graphics card)

SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove the desktop PC and all accessories from the packaging. Retain packaging for future transport or warranty claims.
2. **Placement:** Place the desktop on a stable, flat surface with adequate ventilation. Ensure no vents are blocked.
3. **Connect Peripherals:**
 - Connect your monitor(s) to the appropriate video output ports (HDMI, DisplayPort, or VGA) on the rear of the desktop.
 - Connect your keyboard and mouse to any available USB ports.
 - Connect speakers or headphones to the audio ports if desired.
4. **Network Connection:**
 - For a wired connection, connect an Ethernet cable from your router or modem to the RJ45 port on the rear panel.
 - For wireless connection, ensure the Wi-Fi antenna (if provided) is connected. Wi-Fi setup will be completed during initial Windows configuration.
5. **Power Connection:** Connect the power cord to the desktop's power input and then to a grounded electrical outlet.
6. **Initial Power On:** Press the power button on the front panel. The system will boot up and guide you through the Windows 11 initial setup process.

OPERATING INSTRUCTIONS

Power On/Off

- **To Power On:** Press the power button on the front of the desktop.
- **To Shut Down:** In Windows, click the Start button, then Power, and select "Shut down". Do not unplug the power cord directly without proper shutdown to prevent data loss.
- **To Restart:** In Windows, click the Start button, then Power, and select "Restart".
- **To Sleep:** In Windows, click the Start button, then Power, and select "Sleep".

Using USB Ports and Card Reader

Connect USB devices such as external hard drives, flash drives, or other peripherals to the available USB ports. Insert compatible memory cards into the media card reader for data transfer.

Audio Connections

The front audio combo jack supports both headphones and microphones. The rear audio ports support 5.1 surround sound configurations for compatible speaker systems.

MAINTENANCE

Cleaning

- Always power off and unplug the desktop before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to clean the exterior.

- Use compressed air to gently clear dust from vents and ports. Do not spray liquid directly onto the desktop.

Ventilation

Ensure proper airflow around the desktop. Do not block the ventilation openings. Maintaining good airflow helps prevent overheating and ensures stable performance.



Image: Diagram illustrating the internal airflow and thermal management system of the desktop, showing air intake and exhaust.

Upgrades and Expansion

The desktop is designed for easy upgrades. It includes:

- 2 M.2 slots for additional storage or Wi-Fi modules.
- 1 PCIe x16 slot for graphics card upgrades.
- 1 PCIe x1 slot for other expansion cards.
- RAM is expandable up to 32 GB.

Note: Always consult a qualified technician or the official HP support documentation before performing internal upgrades to avoid voiding your warranty or damaging components.



Image: Internal view of the desktop chassis, highlighting the locations for SSD, HDD, and expansion card slots.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord disconnected, power outlet issue	Ensure power cord is securely connected to both desktop and outlet. Test outlet with another device.
No display on monitor	Monitor cable loose, incorrect input selected on monitor	Check monitor cable connections. Ensure monitor is powered on and set to the correct input source (HDMI, DisplayPort, VGA).
System is slow or unresponsive	Too many applications running, insufficient memory, software conflict	Close unnecessary applications. Restart the computer. Check for Windows updates and driver updates.

Problem	Possible Cause	Solution
No internet connection	Ethernet cable disconnected, Wi-Fi disabled, router issue	Check Ethernet cable. Ensure Wi-Fi is enabled in Windows settings. Restart your router/modem.

For further assistance, please refer to the HP support website or contact customer service.

SPECIFICATIONS

Component	Detail
Model Name	HP Pavilion Gaming Desktop PC TG01-0202in
Processor	AMD Ryzen 7 5700G (3.8 GHz base, up to 4.6 GHz max boost, 16 MB L3 cache, 8 cores)
Graphics Card	NVIDIA GeForce RTX 3060 Ti (8 GB GDDR6 dedicated) with LHR
RAM	16 GB DDR4-3200 MHz (1 x 16 GB), Max 32 GB
Storage	1 TB M.2 PCIe NVMe SSD
Operating System	Windows 11 Home
Pre-installed Software	Microsoft Office Home & Student 2019
Front Ports	1x USB 3.1 Gen1 Type-C, 4x USB 3.1 Gen1 Type-A, 1x Audio Combo Jack, 1x Media Memory Card Reader
Rear Ports	4x USB 2.0 Type-A, 1x HDMI v1.4, 1x VGA, 1x RJ45, 3x Audio Ports (5.1 Surround Sound)
Video Connectors	1 HDMI, 3 DisplayPort (from graphics card)
Expansion Slots	2 M.2, 1 PCIe x16, 1 PCIe x1
Wireless	Realtek RTL8852AE Wi-Fi 6 (2x2) and Bluetooth 5.2 combo
Audio	5.1 surround sound
Dimensions (W x D x H)	15.5 x 30.7 x 33.7 cm (6.1 x 12.1 x 13.3 inches)
Weight	5.96 kg (13.14 lbs)
Power Supply	500W

WARRANTY AND SUPPORT

Your HP Pavilion Gaming Desktop PC TG01-0202in comes with a**1-year manufacturer warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For technical support, product-related queries, or warranty claims, please contact HP customer service:

- **Toll-Free Numbers:** 1800-258-7170 or 1860-258-3079
- **Online Support:** Visit the official HP support website for drivers, documentation, and troubleshooting resources.

Please have your product model number (TG01-0202in) and serial number ready when contacting support.

