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> HP Pavilion Desktop PC User Manual

**HP TP01-2040**

# HP Pavilion Desktop PC

**MODEL: TP01-2040**

**User Manual**

## Introduction

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HP Pavilion Desktop PC, Model TP01-2040. Designed for reliable performance, this desktop PC integrates advanced technology to support various computing needs, from daily tasks to more demanding applications.

The HP Pavilion Desktop PC is built to offer a seamless user experience with its powerful AMD Ryzen 5 5600G processor, ample memory, and fast storage, ensuring efficiency and responsiveness for home and office environments.

## Product Overview

The HP Pavilion Desktop PC (TP01-2040) is a pre-built PC tower featuring a natural silver finish. It comes equipped with a wired keyboard and mouse combo.



*Figure 1: Front view of the HP Pavilion Desktop PC tower. This image displays the sleek natural silver finish of the desktop tower, highlighting its compact design suitable for various spaces.*

**Key Features:**

- **Processor:** AMD Ryzen 5 5600G Hexa-core processor (3.90 GHz base speed).
- **Graphics:** Integrated AMD Radeon Graphics.
- **Memory:** 12 GB DDR4 RAM (expandable).
- **Storage:** 512 GB PCIe NVMe M.2 Solid State Drive for fast performance.
- **Operating System:** Pre-installed Windows 11 Home.
- **Connectivity:** Wi-Fi 5 (802.11a/b/g/n/ac) and Bluetooth.
- **Ports:** Multiple USB ports (SuperSpeed USB Type-A, SuperSpeed USB Type-C, USB 2.0 Type-A), HP 3-in-1 Media Card Reader.
- **Audio:** Supports 5.1 surround sound.
- **Included Accessories:** USB black wired keyboard and mouse combo.

# HP PAVILION DESKTOP PC



AMD Ryzen™ 5  
5600G Processor



Wi-Fi® 5 and  
Bluetooth®



Windows 11  
Home

*Figure 2: Overview of the HP Pavilion Desktop PC and its core components. This image illustrates the desktop tower alongside its included keyboard and mouse, emphasizing its AMD Ryzen processor, Wi-Fi 5, Bluetooth capabilities, and Windows 11 Home operating system.*

## What's in the Box:

- HP Pavilion Desktop TP01-2040
- USB black wired keyboard and mouse combo

## Setup Guide

Follow these steps to set up your new HP Pavilion Desktop PC:

1. **Unpack the PC:** Carefully remove the desktop tower, keyboard, mouse, and any cables from their packaging.
2. **Connect the Monitor:** Connect your monitor to the appropriate video output port on the back of the PC (e.g., HDMI, VGA).
3. **Connect Peripherals:**
  - Connect the USB wired keyboard and mouse to any available USB ports.
  - If using external speakers or headphones, connect them to the audio output port.
4. **Connect to Power:** Plug the power cord into the PC's power input and then into a wall outlet or surge protector.
5. **Power On:** Press the power button on the front of the desktop tower. The system will boot up and guide you through the initial Windows 11 Home setup process.
6. **Internet Connection:** During Windows setup, you will be prompted to connect to a Wi-Fi network or an Ethernet connection.

# MU-MIMO SUPPORTED

Pair with a MU-MIMO router for a smoother online experience in multi-device homes.

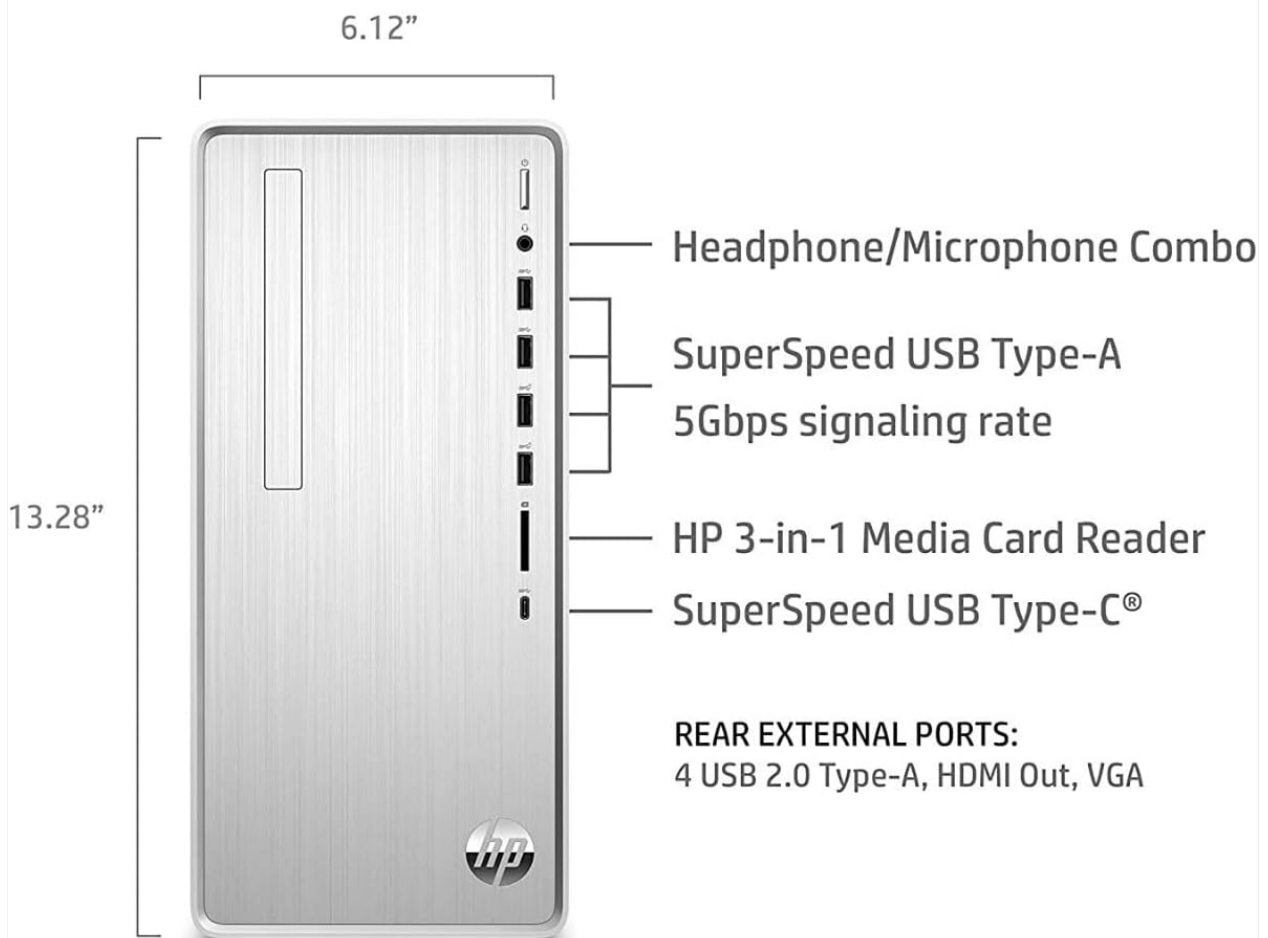


Figure 3: Front and rear port configuration. This diagram provides a clear layout of the various ports available on the HP Pavilion Desktop PC, including USB Type-A, USB Type-C, headphone/microphone combo, and media card reader on the front, and additional USB 2.0, HDMI, and VGA ports on the rear.

## Operating Your PC

Once set up, your HP Pavilion Desktop PC is ready for use. Windows 11 Home provides a user-friendly interface for all your computing needs.

### Basic Operation:

- **Power On/Off:** Use the power button on the front of the tower to turn the PC on. To shut down, click the Start button in Windows, then select Power > Shut down.
- **Restart:** For system updates or to resolve minor issues, select Power > Restart from the Start menu.
- **Sleep Mode:** To put the PC into a low-power state, select Power > Sleep.

### Connectivity:

- **Wi-Fi:** Connect to wireless networks via the Wi-Fi 5 (802.11ac) adapter. Manage connections through the Network & Internet settings in Windows.
- **Bluetooth:** Pair Bluetooth-enabled devices such as headphones, speakers, or mobile phones through the Bluetooth & devices settings.
- **USB Ports:** Utilize the various USB ports for connecting external storage, printers, and other peripherals. The front-facing SuperSpeed USB ports offer faster data transfer rates.
- **Media Card Reader:** Insert SD, SDHC, or SDXC memory cards into the HP 3-in-1 Media Card Reader for easy file transfer.

## Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your HP Pavilion Desktop PC.

- **Keep it Clean:** Regularly clean the exterior of the PC with a soft, dry cloth. Ensure ventilation openings are free from dust and obstructions to prevent overheating.
- **Software Updates:** Keep your Windows operating system and drivers updated. Windows Update automatically handles most system updates.
- **Antivirus Protection:** Install and regularly update antivirus software to protect against malware and viruses.
- **Data Backup:** Periodically back up important files to an external drive or cloud storage to prevent data loss.
- **Disk Management:** Use Windows built-in tools like Disk Cleanup and Disk Defragmenter (for HDDs, not typically needed for SSDs) to maintain storage efficiency.

## Troubleshooting

This section addresses common issues you might encounter with your HP Pavilion Desktop PC.

- **PC Does Not Power On:**
  - Ensure the power cord is securely connected to both the PC and a working power outlet.
  - Test the power outlet with another device.
  - If using a surge protector, ensure it is turned on and functioning.
- **No Display on Monitor:**
  - Verify the monitor's power cable is connected and the monitor is turned on.
  - Check that the video cable (HDMI, VGA) is securely connected to both the PC and the monitor.
  - Ensure the monitor's input source is set correctly (e.g., HDMI 1, VGA).
- **Slow Performance:**
  - Close unnecessary applications running in the background.
  - Run a virus scan to check for malware.
  - Check for available Windows updates and install them.
  - Ensure you have sufficient free space on your SSD.
- **No Internet Connection:**
  - For Wi-Fi, check if your Wi-Fi adapter is enabled and if you are connected to the correct network.
  - Restart your router/modem.
  - For wired connection, ensure the Ethernet cable is properly connected.

For more complex issues, refer to the HP support website or contact HP customer service.

## Specifications

Category	Specification
Model	HP Pavilion Desktop TP01-2040
Processor	AMD Ryzen 5 5600G (Hexa-core, 3.9 GHz)
RAM	12 GB DDR4 (1 x 4GB, 1 x 8GB)
Storage	512 GB PCIe NVMe M.2 SSD
Graphics	AMD Radeon Graphics (Integrated)
Operating System	Windows 11 Home
Wireless Connectivity	Wi-Fi 5 (802.11a/b/g/n/ac), Bluetooth
USB Ports (Front)	4 SuperSpeed USB Type-A, 1 SuperSpeed USB Type-C
USB Ports (Rear)	4 USB 2.0 Type-A
Other Ports	HDMI Out, VGA, Headphone/Microphone Combo
Media Card Reader	HP 3-in-1 (SD, SDHC, SDXC)
Dimensions (LxWxH)	11.93 x 6.12 x 13.28 inches
Weight	13.14 pounds
Color	Natural Silver

## Warranty and Support

Your HP Pavilion Desktop PC comes with a 1-year limited warranty, protecting your purchase against manufacturing defects.

For technical assistance, warranty claims, or additional support, please visit the official HP support website or contact HP customer service directly. Ensure you have your product model number (TP01-2040) and serial number ready when seeking support.

For more information, you can visit the [HP Store on Amazon](#).