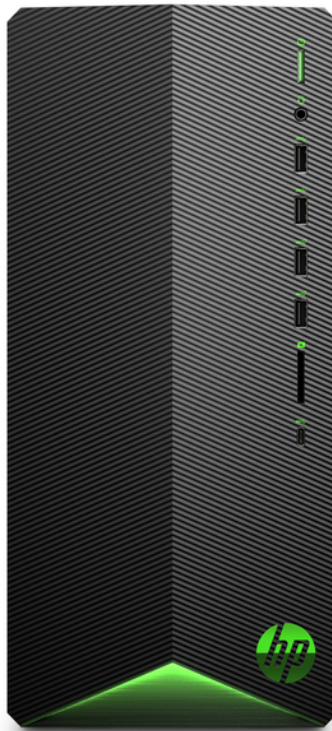# HP Pavilion Gaming Desktop TG01-2006na PC

More power from the jump

Get ready to game on your terms. This powerful rig is built to keep up with the games of today and tomorrow. Beneath its compact and sleek exterior, you will find all the performance you need to play with confidence and room to expand and upgrade.

*Product image may differ from actual product

Powerful graphics
Power the latest games with smooth and responsive visuals. Discrete graphics ensure this machine easily runs your favorite gaming titles.

High-speed performance
Play, create and multitask with a powerful CPU. An enhanced thermal solution keeps your tower cool and quiet even when running demanding games and apps.

Customizable and compact design
This sleek, space-saving tower allows you to expand with a robust power supply ready for component upgradeability. With customizable LED lights – you've got the freedom to play your way.

HP Pavilion Gaming Desktop TG01-2006na PC

Featuring

Windows 10
Do great things confidently with the familiar feel of Windows - only better.[1]

NVIDIA® GeForce® GTX 1650 graphics (Desktop)
With the all-new NVIDIA Turing™ architecture, gaming and streaming will never be the same. Get all the power you need for fast, smooth, power-efficient performance from NVIDIA® GeForce® GTX 1650.

PCIe SSD storage
Boot up in seconds with lightning fast speed with up to 256 GB PCIe SSD storage.

Dual storage configurations
By including both an SSD drive for the operating system and a traditional hard drive you get the benefits of both worlds—fast boot up times, snappy responsiveness, and larger storage capacity.

Ethernet port
When you have a spotty wireless connection, you can quickly plug in your Ethernet cable to get a smooth, wired Internet experience that bypasses any wireless issue.

Dual channel memory
With dual channel technology, two channels work simultaneously to double the communication speed between the memory controller and the RAM increasing system performance.

Wi-Fi 5 (1x1) & Bluetooth® 4.2 (802.11a/b/g/n/ac)
Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology.[2]

5.1 Surround Sound output
With all the necessary ports for true 5.1 surround sound, give your favorite movies, shows, or music more nuanced, immersive sound quality, just by hooking up a Surround Sound speaker setup.

Built to last
Life can be unpredictable, but your HP desktop shouldn't be. Backed by over 230 individual tests, our desktops go through it all to deliver durability you can trust and reliability you can count on.[14]

5.1 Surround Sound output
With all the necessary ports for true 5.1 surround sound, give your favorite movies, shows, or music more nuanced, immersive sound quality, just by hooking up a surround sound speaker setup.

HP QuickDrop
Wirelessly transfer photos, videos, documents and more between your PC and mobile device.

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Specifications

Performance

Operating system
Windows 10 Home[38]
Device comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see Windows 11 Specifications).

Processor
AMD Ryzen™ 5 5600G (3.9 GHz base clock, up to 4.4 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads)[6,7]
Processor family: AMD Ryzen™ 5 processor

Chipset
AMD Promontory B550A

Memory
8 GB DDR4-3200 MHz RAM (2 x 4 GB)
Transfer rates up to 3200 MT/s.
Memory slots: 2 DIMM

Storage
256 GB PCIe® NVMe™ M.2 SSD
1 TB 7200 rpm SATA HDD
25 GB Dropbox storage for 12 months[1]

Graphics
Integrated: AMD Radeon™ Graphics;
Discrete: NVIDIA® GeForce® GTX 1650 (4 GB GDDR5 dedicated) ;
Powered by NVIDIA Turing™ GPU architecture

Audio
5.1 surround sound

Display description
Display monitors sold separately. For more information please visit www.hp.com/eur/home-monitors

Power
310 W Gold efficiency power supply;

Connectivity

Network interface
Integrated 10/100/1000 GbE LAN

Wireless connectivity
Realtek RTL8821CE-M 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 combo [10]
MU-MIMO supported

Ports
Front:
1 SuperSpeed USB Type-C® 5Gbps signaling rate; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 headphone/microphone combo
Rear:
4 USB 2.0 Type-A; 1 audio-in; 1 audio-out; 1 microphone; 1 RJ-45
HP 3-in-1 memory card reader
Internal drive bays: Two 3.5" available

Video connectors
1 HDMI 2.0;1 DVI

Expansion slots
2 M.2; 1 PCIe x16; 1 PCIe x1

Design

Product color
Shadow black front bezel, acid green chrome logo

Software

HP apps
HP Audio Switch; HP Connection Optimizer; HP QuickDrop; HP Support Assistant; OMEN Gaming Hub

Software
Alexa; ExpressVPN (30 day free trial); LastPass Premium (30 day free trial)[17];
1 month trial for new Microsoft 365 customers[24]

Service & support
McAfee LiveSafe™ [2]

Additional information

Part Number
P/N: 4F997EA #ABU
UPC/EAN code: 196068704452

Weight
5.96 kg;
Packed: 8.2 kg

Dimensions
15.54 x 30.4 x 33.74 cm;
Packed: 49.9 x 40 x 28.7 cm

Manufacturer Warranty
1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Included accessories
Screw bag

Security management
Kensington MicroSaver lock slot

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Warranty services*

3-year pickup and return
U4812E

Key Selling Points Footnotes

Feature Messaging Footnotes

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.microsoft.com.
[2] Wireless access point and Internet service required. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the laptop to communicate with other 802.11ac WLAN devices. Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11ac) is backwards compatible with prior Wi-Fi 5 specs.
[14] HP Total Test Process testing is not a guarantee of future performance under these test conditions. Damage under the HP Total Test Process test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

Technical Specifications Footnotes

[1] 25 GB of free Dropbox storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at https://www.dropbox.com/help/space/hp-promotion. Internet service required and not included.
[2] Free 30 day subscription of McAfee LiveSafe service included. Internet access required and not included. Subscription required after expiration.
[6] Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. AMD's numbering is not a measurement of clock speed.
[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
[10] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11ac) is backwards compatible with prior Wi-Fi 5 specs.
[17] Reverting to LastPass basic after 30 days.
[24] Must activate within 180 days of Windows activation.
[38] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com

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