Datasheet

HP Pavilion Gaming Desktop TG01-1037ur PC

Powerful. Upgradable. It's on.

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 and USB ports for your peripherals – you've got the freedom to play your way.

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Featuring

10th Gen Intel® Desktop Processors
Outstanding 10th Gen Intel® Core™ processor performance easily keeps up with all your multimedia demands. Delivering enhanced 4K display capabilities with HDR support and optional ultra-fast Wi-Fi 6 options, tackle your tasks with no interruptions.[1]

PCIe SSD storage
Boot up in seconds with lightning fast speed with up to 512 GB PCIe SSD storage.

SuperSpeed USB Type-A 5Gbps signaling data rate
Plug in your external storage with this SuperSpeed USB Type-A port, featuring 5Gbps signaling data rate.[2]

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 (2x2) & Bluetooth® 5.0 (802.11a/b/g/n/ac)
Never worry about spotty Internet and weak connections. Stay powerfully connected to Wi-Fi and to Bluetooth® accessories with the latest Wi-Fi 5 (2x2) WLAN adapter and Bluetooth® 5.0.[3]

OMEN Gaming Hub
System Vitals dynamically display your key metrics for optimal performance, while Network Booster sends gaming network traffic to the front of the line. Personalize your machine's look with customized chassis lighting.

Dual display support
Add a second display for a more immersive computing experience. With dual monitors, you can increase your productivity, boost your gaming experience, or just make multitasking easier.

5.1 Surround Sound
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.

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Specifications

Performance

Operating system
FreeDOS
Processor
Intel® Core™ i7-10700F (2.9 GHz base frequency, up to 4.7 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores)[6,7]
Processor family: 10th Generation Intel® Core™ i7 processor
Chipset
Intel® H470
Memory
16 GB DDR4-2933 SDRAM (2 x 8 GB)
Transfer rates up to 2933 MT/s.
Memory slots used: 2 DIMM
Storage
512 GB PCIe® NVMe™ M.2 SSD
Optical drive not included
Graphics
Discrete: NVIDIA® GeForce RTX™ 3060 Ti (8 GB GDDR6 dedicated) ;
Powered by NVIDIA® Ampere™ architecture
Audio
5.1 surround sound
Display description
Display monitors sold separately. For more information please visit www.hp.com/eur/home-monitors
Power
500 W Gold efficiency power supply

Connectivity

Network interface
Integrated 10/100/1000 GbE LAN
Wireless connectivity
Realtek 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo [3,10]
Miracast compatible; MU-MIMO supported
Ports
Front: 1 SuperSpeed USB Type-C® 5Gbps signaling rate; 4 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
HP 3-in-1 memory card reader
Video connectors
1 VGA; 1 HDMI 1.4b
Expansion slots
2 M.2; 1 PCIe x16; 1 PCIe x1

Design

Product color
Shadow black front bezel, acid green chrome logo

Additional information

Part Number
P/N: 3B4M5EA #ACB
UPC/EAN code: 195908245896
Weight
5.96 kg;
Packed: 8.2 kg
Dimensions
15.54 x 30.7 x 33.74 cm;
Packed: 49.9 x 40 x 28.7 cm
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
Bag of screws (additional screws for future storage updates)
Security management
Kensington Security lock slot

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Recommended accessories

* Not included.

HP Pavilion Gaming Headset 400
4BX31AA

HP Pavilion Gaming Keyboard 800
5JS06AA

Warranty services*

PC Care pack

3-year return to depot
U4810E

Key Selling Points Footnotes

Feature Messaging Footnotes

[1] Based on Wi-Fi 5 80MHz and Wi-Fi 6 160MHz minimum requirements when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 802.11ax (Wi-Fi 6). Only available in countries where 802.11ax is supported. Graphics output may be limited based on the maximum resolution of the display. Graphics output may be limited based on the maximum resolution of the display.
[2] Actual throughput may vary.
[3] 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.

Technical Specifications Footnotes

[3] Support for 802.11 ac feature are dependent on country regulations. The following countries restrict the use of 802.11ac: Russia, Ukraine, Belarus, Kazakhstan and Egypt. Actual speeds will be vary based on range, connections, size of network and other factors. Accessing the wireless network requires a Wifi-enabled device. Range will vary with site conditions.
[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. Intel's numbering, branding and/or naming is not a measurement of higher performance.
[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information.
[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.

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