

HP Pavilion Gaming Desktop PC 690-0017na



A powerful desktop PC that delivers the performance to play

The HP Pavilion Gaming Desktop is all about smooth performance and crisp graphics wrapped up in a bold design. This PC offers the latest technology plus the ability to upgrade, keeping performance up-to-date. Get ready to play in powerful style today and for years to come.



Powerful graphics

Get lost in fluid gameplay and smooth visuals. With up to NVIDIA® GeForce® GTX 1060 or AMD® Radeon™ RX 580 discrete graphics, lag and slowdowns are a thing of the past.



High-speed performance

Unleash the full potential of your PC with an either an Intel® Core™ processor¹ or an AMD® Ryzen™ processor¹ and up to 16 GB of DDR4 RAM.



Bold, standout design

With a distinct angular bezel, brushed finishing, and green LED lighting this desktop is built to make a statement. To complement it all, interior expansion slots let you upgrade your graphics card, memory, and more to keep performance up-to-date.



¹ 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.

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Featuring

Windows 10

Do great things confidently with the familiar feel of Windows – only better. Be more secure, more productive, and get more personal with preinstalled features and enhancements like Windows Hello and Cortana.

8th Generation Intel® Core™ processor

Upgrade performance with smooth system responsiveness and fast load times for an exceptional PC experience. Supporting resolution up to stunning 4K, stream premium content, or even create your own.

Hard drive storage

Don't worry about growing your collection of digital movies, songs, and pictures. With massive storage options you can save it all, and still have plenty of room left over.

Rock-solid connections

Never worry about spotty Internet and weak connections. Stay powerfully connected to Wi-Fi and to Bluetooth® accessories with the latest 802.11 a/c (2x2) WLAN adapter and Bluetooth® 4.2.

DDR4 RAM options

Designed to run more efficiently and more reliably at faster speeds, DDR4 is the future of RAM. With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.

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.

Re-writable DVD drive

Watch and write DVDs using the integrated optical drive.

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USB-C™

Transfer data at high speeds to or from your external storage with this USB-C™ port. And it's reversible, so you never have to worry about plugging in upside down.

VR ready

We've stressed the hardware and drivers with the most intensive games to ensure rock-solid performance and high-definition graphics, for a smooth VR experience right out of the box.

HP Jumpstart

When you boot up your PC for the first time, get a personal walkthrough during the setup and get an informative overview of your PC's features.

¹ 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.

¹⁹ Transfer rate may vary. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

²⁰ USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum.

²¹ Requires minimum NVIDIA® GTX 970 or AMD® R9 390X graphics card, Intel® Core™ i5 processor, and 8GB RAM. All other system components must be VR capable.

² Actual speeds may vary. Don't copy copyright-protected materials.

³ 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>. Some features including voice supported Cortana, inking, and Continuum require more advanced hardware. See www.windows.com. Apps sold separately.

⁴ 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 is not a measurement of higher performance. 4K content required to view full 4K images. System loading time and responsiveness dependent upon product configuration.

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Specifications

Performance

Operating system

Windows 10 Home 64

Processor

Intel® Core™ i5+ 8400 (Core™ i5 and 16 GB Intel® Optane™ memory) (2.8 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores)

Processor family: 8th Generation Intel® Core™ i5+ processor (i5 8400, i5 8400T)^{6,7}

Chipset

Intel® H370

Memory

8 GB DDR4-2666 SDRAM (1 x 8 GB); Total slots: 2 UDIMM
Transfer rates up to 2666 MT/s.

Storage

2 TB 7200 rpm SATA

16 GB NVMe™ Intel® Optane™ Memory for storage acceleration

DVD-Writer

Dropbox¹

Graphics

Discrete: NVIDIA® GeForce® GTX 1060 (3 GB GDDR5 dedicated);

Powered by NVIDIA® Pascal™ architecture

Audio

5.1 surround sound

Display description

LCD 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

802.11a/b/g/n/ac (2x2) and Bluetooth® 4.2 M.2 combo

Ports

Front: 1 USB 3.1 Type-C™; 2 USB 3.1; 1 headphone/microphone combo Rear: 2 USB 2.0; 4 USB 3.0; 1 audio-in; 1 audio-out; 1 headphone/microphone combo; 1 RJ-45

3-in-1 memory card reader

Video connectors

1 DVI; 1 HDMI 2.0; 3 DisplayPort™

Design

Product color

Shadow black with green LED front bezel, brushed strip pattern

Software

HP apps

HP Audio Switch; HP JumpStart; HP Lighting Bar Control

Software

Netflix; 1 month trial for new Microsoft® Office 365 customers

Service & support

McAfee LiveSafe™²

Additional information

Part Number

P/N: 5XUJ47EA #ABU

UPC/EAN code: 193424971015

Energy efficiency compliance

ENERGY STAR® certified; EPEAT® Silver registered

Weight

5.15 kg;

Packed: 8 kg

Dimensions

17 x 27.7 x 33.8 cm;

Packed: 39 x 49.9 x 29.1 cm

Warranty

1 year limited parts, labour, and pickup and return service.; You can expand the warranty coverage of your product to reach up to 3 years in total; for more information go to the "Options and accessories" web section on hp.com product pages.

Recommended accessories

* Not included.



OMEN by HP Mouse 600
1KF75AA



OMEN by HP Headset
800
1KF76AA



OMEN by HP 62.23 cm
(24.5") Display
27Y57AA

Warranty services*



3-year pickup and return
U4812E

¹ 25 GB of free online storage for one year from date of registration. For complete details and terms of use, including cancellation policies, visit the website at www.dropbox.com. Internet service required and not included.

² McAfee LiveSafe 30-day free trial offer (Internet access required. First 30 days included. Subscription required for live updates afterwards.)

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⁷ Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system.

