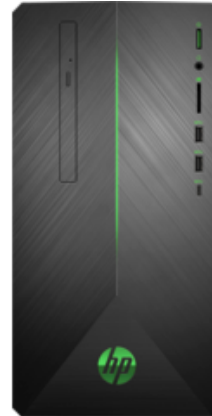# HP Pavilion Gaming Desktop 690-0084 (5QA71AA)

Packs serious power. Use wisely.

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 advanced NVIDIA® GeForce® GTX 1060 dedicated graphics, lag and slowdowns are a thing of the past.

High-speed performance
Unleash the full potential of your PC with the latest Hexa-Core 8th Generation Intel® Core™ i5 processor[1] and 8 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.

Featuring

Windows 10
Do great things confidently with the familiar feel of Windows - only better. [2]
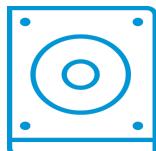
Intel® UHD Graphics 630
Smoothly stream 4K content and play your favorite games in 720p, without the need for a dedicated graphics card. With excellent Intel® UHD graphics performance, you'll see the difference in everything you do. [3]

NVIDIA® GeForce® GTX 1060 graphics
With all-new NVIDIA® Pascal™ architecture, gaming will never be the same. Get all the power you need for a fast, smooth, power-efficient gaming experience.

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. [4]

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. [5]

Specifications

Operating system	Windows 10 Home 64[24]
Product color	Shadow black
Processor family	8th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-8400 (2.8 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) [18]
Memory	8 GB DDR4-2666 SDRAM (1 x 8 GB)
Memory Slots	2 UDIMM
Internal Storage	1 TB 7200 rpm SATA[13]
Hard drive (2nd)	256 GB PCIe® NVMe™ M.2 SSD[14]
Memory card device	HP 3-in-1 Media Card Reader
Product design	Brushed hairline pattern
Internal drive bays	One 2.5" occupied; One 3.5" occupied
External drive bays	One 9.5 mm occupied
Optical drive	DVD-Writer[15]
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 630
Audio features	5.1 surround sound
Minimum dimensions (W x D x H)	17 x 28 x 33.8 cm
Minimum dimensions (W x D x H)	6.69 x 11.02 x 13.3 in
Weight	5.15 kg
Weight	11.35 lb
Keyboard	HP USB Wired Keyboard with volume control
Pointing device	HP USB Wired Optical Mouse
Video connectors	1 DVI; 1 HDMI; 3 DisplayPort™[11]
Ports	1 headphone/microphone combo; 1 USB 3.1 Type-C™ Gen 1; 2 USB 3.1 Gen 1[12]
Expansion slots	1 PCIe x1; 1 PCIe x16; 2 M.2
Ports	4 USB 2.0; 2 USB 3.1 Gen 1
Package dimensions (W x D x H)	39 x 49.9 x 29.1 cm
Package weight	8 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	802.11a/b/g/n/ac (1x1) and Bluetooth® 4.2 M.2 combo[9,10]
Power supply type	400 W internal power supply
Energy efficiency	EPEAT® Bronze registered; ENERGY STAR® certified[2,3]
Pre-installed software	CyberLink Power Media Player; Netflix[5]
Software included	McAfee LiveSafe™
Software – Productivity & finance	Buy Office[20]
Cloud service	Dropbox[16]
UPC number	193808493447
Warranty	1 year limited hardware warranty (information at www.hp.com/support). 90 day phone support (from date of purchase). Complimentary chat support within warranty period (at www.hp.com/go/contacthp).[4,5,6,7]

Accessories and services

No Recommended Accessories and Services

Messaging Footnotes

[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.

[2] 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.

[3] 4K content required to view full 4K images. High-definition (HD) content required to view HD images.

[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.

[5] Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD

Technical Specifications Footnotes

[2] ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.

[3] EPEAT® Bronze registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options .

[4] Call 1.800.474.6836 or www.support.hp.com for more information on Care Packs available after 90 days. After 90 days, an incident fee may apply.

[5] Internet access required and not included.

[6] Service levels and response times for Care Packs may vary depending on your geographic location. Restrictions and limitations apply. Service starts at date of hardware purchase. HP Care Packs are sold separately. For details, visit www.hp.com/go/carepack-services.

[7] HP SmartFriend will support any major brand of computer and tablet running Microsoft Windows, OSX, iOS, Android, and Chrome OS. 24x7 support is available in English and in the US & Canada (excluding the Province of Quebec) only. Service availability varies by country/region. Internet connection required for remote support. Remote support not available for tablets. Not all service plans cover support for tablets. HP SmartFriend sold separately or as an add-on feature.

[9] 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 PC to communicate with other 802.11ac WLAN devices.

[10] Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.

[11] DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries.

[12] USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum.

[13] For storage drives, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of drive is reserved for system recovery software.

[14] Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content.

[15] DVD-Writer does not support DVD RAM. Don't copy copyright protected materials.

[16] New Dropbox users are eligible to get 25 GB of Dropbox space free for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at www.dropbox.com . Internet service required and not included.

[18] 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. Intel, Pentium, Intel Core, Celeron, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries.

[20] Internet service required and not included. Click the Office icon for more details on the Office product that is right for you. Optional features sold separately or as add-on features.

[24] 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