

HP Pavilion Gaming 790 Desktop PC



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. Tuned and tested for optimal VR performance right out of the box.³



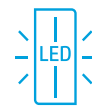
Shadow Black



High Performance



Immersive Experience



LED Lighting

Powerful graphics and processors

Get lost in fluid gameplay and smooth visuals. With up to NVIDIA® GeForce® GTX 1080 or AMD® Radeon™ RX 580, Unleash the full potential of your PC with the latest Hexa-core Intel® Core™ i5 and i7 processors¹, and up to 64GB of DDR4 RAM.

Ready for VR and MR

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 and MR experience right out of the box²

Bold, standout design

With a distinct 3D two tone angular bezel, brushed hairline finishing, and green LED lighting, this desktop is built to make a statement. To complement it all, it has 11 USB ports, and the interior expansion slots offer support for up to quad storage options, and lets 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. ² 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. ³ 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.

Features



USB-C™^{1,2}

Power your device or transfer up to 10Gbps of data, all from just one USB-C™ port. And it's reversible, so you never have to worry about plugging in upside down.



MU-MIMO AC WiFi and Bluetooth®

If you have several MU-MIMO devices in your home, MU-MIMO support works in combination with a MU-MIMO router to maximize network traffic for a smoother online experience.



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.



DisplayPort³

This robust digital video and audio port transmits up to 8K performance or allows you to connect multiple displays together.



Technical specifications

Operating System¹	Windows 10 Home (64 bit) FreeDOS 2.0		
Processor⁶	Intel® Core™ i5+ 8400 (2.8 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) Intel® Core™ i7-8700 (3.2 GHz base frequency ⁷ , up to 4.6 GHz with Intel® Turbo Boost Technology ⁸ , 12 MB cache, 6 cores) Intel® Core™ i5-8400 (2.8 GHz base frequency ⁷ , up to 4 GHz with Intel® Turbo Boost Technology ⁸ , 9 MB cache, 6 cores) Intel® Core™ i3-8100 (3.6 GHz, 6 MB cache, 4 cores)		
Architecture	Coffee Lake H370 (65W)		
Graphics	NVIDIA® GeForce® GTX 1080 (8GB GDDR5 dedicated) VR Ready Graphics NVIDIA® GeForce® GTX 1070 (8GB GDDR5 dedicated) VR Ready Graphics NVIDIA® GeForce® GTX 1060 (6GB GDDR5 dedicated) VR Ready Graphics NVIDIA® GeForce® GTX 1060 (3GB GDDR5 dedicated) VR Ready Graphics AMD Radeon™ RX 580 (8GB GDDR5 dedicated) VR Ready Graphics AMD Radeon™ RX 580 (4GB GDDR5 dedicated) VR Ready Graphics Intel® UHD 630 Graphics		
Memory	Up-to 64GB DDR4 RAM (4x 16GB)		
Intel® Optane™	16GB Intel® Optane™ memory for storage acceleration (HDD combination only)		
Storage	Up to 512 GB PCIe® NVMe™ M.2 SSD Up to 512 GB SATA SSD Up to 3 TB 7200 rpm SATA		
Networking^{2,5}	AC 2x2 MU-MIMO 802.11 Wi-Fi® & Bluetooth® 4.2 Combo AC 1x1 MU-MIMO 802.11 Wi-Fi® & Bluetooth® 4.2 Combo 10/100/1000 LAN RJ45 Ethernet		
Optical Drive³	Optional DVD-Writer ³		
I/O ports²	Front: 1x USB 3.1 Gen2 Type-C™ (10Gbps) / 2x USB 3.1 Gen2 Type-A (10Gbps) / 2x USB 3.1 Gen1 Type-A 1x Audio Combo Jack / 1x Media Memory Card Reader Rear: 4x USB 3.1 Gen1 Type-A / 2x USB 2.0 Type-A / 1x DisplayPort / 1x HDMI v2.0 (HDCP 2.2) 1x RJ45 / 3x 5.1 Audio Ports / 1x Kensington Security Lock Slot		
Keyboard / Mouse	3 Zone with Shortcut Keys Wireless (Nano dongle) Keyboard & Mouse 3 Zone with Shortcut Keys Wired Keyboard & Mouse Wired Keyboard & Mouse No Keyboard & Mouse		
Power	500 W internal Power supply 400 W internal Power supply		
Memory Card Reader	Media Memory Card Reader		
Security	Kensington Security Lock Slot TPM 2.0 Firmware		
Software⁴	Multimedia & Entertainment CyberLink Power Media Player* Dropbox* HP ePrint HP Audio Stream	Support & Security ENERGY STAR McAfee LiveSafe™ (30 days trial) HP Documentation HP JumpStart HP Recovery Manager HP Support Assistant HP System Event Utility	Productivity & Lifestyle HP Audio Switch HP Connection Optimizer
Dimensions (mm)/Weight (kg)	154mm (W) x 375.8mm (D) x 369 mm (H) 8.6 Kg		



¹ Not all features are available in all editions or versions of Windows 10. 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 [microsoft.com](https://www.microsoft.com) ² Some models may not feature all the listed components and vary depending on configuration. ³ High Definition content (e.g. WMV HD files) is required to view high definition images. Most current DVDs do not provide high definition images. Don't copy copyright protected materials. ⁴ Software may vary in different countries. ⁵ Wireless access point and Internet service required and not included. Availability of public wireless access points limited. 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. AMD and Radeon are trademarks of Advanced Micro Devices, Inc. ⁷ Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See [intel.com/technology/turboboost](https://www.intel.com/technology/turboboost) for more information. Burst frequency performance varies depending on hardware, software and overall system configuration. ⁸ For HP Consumer Desktop PCs with DVD. Not available for China

Recommended Accessories



HP Pavilion Gaming Keyboard 500 (3VN40AA)

Black

Maximize potential with a mechanical keyboard engineered to deliver speed with every stroke. Equipped with Red switches, every key press provides lightning-fast response times—taking your work and play to unmatched levels.

HP Pavilion Gaming 32 HDR Display (3BZ12AA/4AJ85AA)

(Shadow Black/Acid Green)

The HP Pavilion Gaming 32 HDR Display delivers incredibly smooth, life-like visuals—whether you're gaming, watching videos, or editing photos. Indulge in high contrast colors and captivating definition with advanced DisplayHDR™ 6001, while AMD® FreeSync™ technology² makes stutter and input lag ancient history.



All other trademarks are the property of their respective owners.

Intel, the Intel logo, Intel Core and Core Inside are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. Multicore 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. Microsoft, Windows, and the Windows Logo are U.S. registered trademarks of Microsoft Corporation. Bluetooth is a trademark of its proprietor and used by Hewlett-Packard Company under license. Intel and Core are trademarks of Intel Corporation in the U.S. and other countries. ENERGY STAR is a registered mark owned by the U.S. government. All other trademarks are the property of their respective owners.

© Copyright 2018 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. To the extent allowed by law, HP shall not be liable for technical or editorial errors or omissions contained herein.

