HP Pavilion Gaming Desktop 690-0024

Packs power. Strikes fear.

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.

Product overview

- **Powerful graphics:** Get lost in fast, ultra-smooth gameplay and unreal virtual reality. With AMD Radeon™ RX 580 graphics, lag and slowdowns are a thing of the past.
- **High-speed performance:** Unleash the full potential of your PC with an AMD Ryzen™ processor and 8 GB of DDR4 RAM. Enjoy faster boot times, game loading and massive storage with both an SSD and HDD.[4e]
- **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.

Key specifications

- **Operating system: Windows 10 Home**[1]
- **Processor:** AMD Ryzen™ 5 2400G Processor[2a]
- **Memory:** 8 GB DDR4-2666 SDRAM memory[3] (1 x 8 GB)
- **Internal Storage:**
  1 TB 7200RPM SATA hard drive[4b]
  128 GB SATA Solid State Drive[15]
- **Graphics:** AMD Radeon™ RX 580 graphics card with 4 GB GDDR5 dedicated memory
- **Mouse and keyboard:** HP black wired keyboard with volume control and wired optical mouse
- **Optical drive:** DVD-Writer[6a]
- **USB ports:** 9 (2 x 2.0, 6 x 3.1, 1 x 3.1 Type-C™[42])
- **Wireless:** Wireless LAN 802.11a/b/g/n/ac (1x1) and Bluetooth® 4.2 M.2[19a][26]
- **Warranty:** 1-year limited hardware warranty

Product features

- **Windows 10 Home:** Do great things confidently with the familiar feel of Windows - only better.[1]
- **AMD Radeon™ RX 580 graphics:** High resolutions and smooth VR gameplay optimized with Polaris architecture and DirectX 12 performance.[73]
- **AMD Ryzen™ 5 processor:** Tap into truly awesome desktop performance. Up to 4 cores, 8 threads, and a revolutionary new architecture combine for a CPU that easily handles AAA games, no matter how demanding.
- **Dual storage configuration:** 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.[4e]
- **DDR4 RAM:** With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.
- **HDMI out:** Transmit digital HD video and sound to an external display.

Additional product features

- **USB-C™:** Charge, transfer data at 5Gbs, or connect a display from one reversible port.[41][42]
- **Re-writable DVD drive:** Watch and write DVDs using the integrated optical drive.[6a]
- **5.1 surround sound output:** All the necessary ports for truly immersive sound quality with 5.1 surround sound.
- **VR ready:** Tuned and tested for optimal VR performance right out of the box.[73]
- **802.11 a/c (1x1) Wi-Fi and Bluetooth® 4.2:** Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology up to 3 times faster than 802.11n 1x1.[18][19a][26]
- **Dropbox cloud storage:** If you don't have it today, sign up to get 25 GB of Dropbox space free for 12 months with your HP device.[22]
- **McAfee LiveSafe™:** Protect your operating system with a free 30-day McAfee LiveSafe™ trial.[8]

Energy efficiency your way

HP is committed to global citizenship and environmental responsibility. Do the environment—and your wallet—a favor when you use the HP Pavilion Gaming Desktop that meets strict energy-efficiency and helps reduce your carbon footprint.

- ENERGY STAR® certified[62]
- EPEAT® Silver registered[27]

Warranty and support

Our Customer Support Team consistently provides quick, responsive assistance in the U.S., Canada and Latin America.

Included with your product:
- **HP's Hardware Limited Warranty:** Full warranty details are included with your product.
- **Technical Support for Software & initial set-up:** Complimentary Limited Technical Support, including initial setup support, is available from HP via multiple contact methods for 90 (ninety) days from date of purchase.

Support Options:
- **HP Support Assistant - HPSA:** Optimized to enhance your support experience. Help for your PC and HP printers whenever you need it.[56][57]
- **Online Support:** For technical support with this product, visit HP Customer Support http://support.hp.com.[10]
- **Social Media Support:** To find solutions, ask questions, and share tips, join us on the HP Support Forum at hp.com/go/supportforum, on Twitter at twitter.com/HPSupport, and Facebook at facebook.com/HPSupport.[10]

Specifications

Operating system	• **Windows 10 Home**[1]
Processor	• AMD Ryzen™ 5 2400G Processor[2a] • Quad-Core
Processor speed	• 3.60 GHz[2a]
Cache	• 6 MB Cache
Memory	• 8 GB DDR4-2666 SDRAM memory[3] (1 x 8 GB) (expandable to 32 GB (2 x 16 GB))
Internal storage	• 1 TB 7200RPM SATA hard drive[4b] • 128 GB SATA Solid State Drive[15]
Finish	• HP finish in shadow black with a brushed hairline pattern
Optical drive	• DVD-Writer[6a]
Video graphics	• AMD Radeon™ RX 580 graphics card with 4 GB GDDR5 dedicated memory
Network interface	• 10/100/1000 Base-T Network[29]
Wireless connectivity	• Wireless LAN 802.11a/b/g/n/ac (1x1) and Bluetooth® 4.2 M.2[19a][26]
Sound	• 5.1 surround sound
Memory slots	• 2 DIMM (288-pin) (one available)
Expansion slots	• 1 PCI-E x1 (available) • 1 PCI-E x16 (occupied) • 2 M.2 (one available)
Expansion bays	• HDD: 1 x 3.5" (occupied) + 1 x 2.5" (occupied) • ODD: 1 x 9.5 mm slim (occupied)
Memory card reader	• HP 3-in-1 Media Card Reader–Supports SD, SDHC, SDXC.
External ports	• Headphone/Microphone Combo • Front I/O: 2 USB 3.1 Gen 2, 1 USB 3.1 Gen 1 Type-C™[42] • Rear: 2 USB 2.0, 4 USB 3.1 Gen 1 • HDMI • 3 DisplayPort™[50]
Multi-display capable	• DisplayPort™[50] and HDMI capabilities, with AMD Eyefinity multi-monitor technology and support for Microsoft® DirectX® 12
Mouse and keyboard	• HP black wired keyboard with volume control and wired optical mouse
Power supply	• 400 W internal power supply
Dimensions	• **Unpackaged:** 11.02 in (L) x 6.69 in (W) x 13.30 in (H) approx. • **Packaged:** 19.65 in (L) x 15.35 in (W) x 11.46 in (H) approx.
Weight	• **Unpackaged:** 11.35 lb approx. • **Packaged:** 17.64 lb approx.
Warranty and support	• 1-year limited hardware warranty. Additional information available at www.support.hp.com • 90 days limited technical support for software and initial setup (from date of purchase)[53]

Software

Games	• **Wild Tangent Games for HP pre-installed:** Your HP computer comes with 2 free trial sessions of Claws and Feathers 3, Fabulous: Angela's Fashion Fever, 5 Star Rio Resort, Funny Pets, Heart's Medicine, Lost Island Mahjong Adventure, and Tachyon Project PC. Also includes unlimited play of Blackjack+, Solitaire with Themes and Vegas World.[79]
HP help and support	• **HP Support Assistant:** Help with your HP PC and printers whenever you need it.[56][57] • **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.
Books, music, photos and videos	• **CyberLink Power Media Player:** Universal media player with enhanced playback quality. • **Netflix:** Watch movies and TV online or via DVDs with subscription.[10]
Productivity and tools	• **Meet the new Office:** The most powerful Office yet. Your content when and where you need it.[64] • **Dropbox:** Keep your files safe, synced, and easy to share with Dropbox. If you don't have it today, sign up to get 25 GB of Dropbox space free for 12 months to save and access your photos, docs, and videos across all your devices.[22] • **HP Connection Optimizer:** Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points.[10]
Security and protection	• **HP Recovery Manager:** Recover, restore, and create recovery media for your PC. • **McAfee LiveSafe™:** Protect your operating system with a free 30-day McAfee LiveSafe™ trial.[8]

Additional information

Product number	• 3LB46AA#ABA
Ad embargo date	• 10/14/2018
UPC code	• 192545572545
Country of origin	• China
Tariff number	• 8471500000 (US PC)
Pallet information	• **Dimensions:** 47.24 in (L/D) x 39.37 in (W) x 85.31 in (H) approx. • **Total weight:** 772.20 lb approx. • **Layers:** 7 • **Products per layer:** 6 • **Total products per pallet:** 42

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