

HP Pavilion Power Desktop 580-130



Crush it.

Seamlessly go from creating by day to gaming by night, without ever slowing down. When you have this much power, there's nothing holding you back.

Product overview

- Give it all you've got.** Features the latest quad core processor and AMD Radeon™ graphics.
- Serious storage. Serious possibilities.** With 1 TB HDD, you can boot up in seconds and save all of your content directly to your desktop.
- Out with the old:** Create a whole new take on your workspace with a new angular bezel and bold green and black design.

Key specifications

- Operating system:** Windows 10 Home⁽¹⁾
- Processor:** AMD Ryzen™ 5 1400 Processor^(2a)
- Memory:** 8 GB DDR4-2400 SDRAM memory⁽³⁾ (2x4 GB)
- Hard drive:** 1 TB 7200RPM SATA hard drive^(4b)
- Graphics:** AMD Radeon™ RX 580 graphics card with 4 GB GDDR5 dedicated memory
- Mouse and keyboard:** HP USB wired keyboard with volume control and wired optical mouse
- Optical drive:** DVD-Writer^(5a)
- USB ports:** 6 (2 x 2.0, 3 x 3.0, 1 x 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 6 cores, 12 threads, and a revolutionary new architecture combine for a CPU that easily handles AAA games, no matter how demanding.
- DDR4 RAM:** With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.
- USB 2.0 and 3.0 connectors:** With the world's most popular USB connections, you can easily connect any of your existing USB devices.
- HDMI out:** Transmit digital HD video and sound to an external display.
- USB-C™:** Charge and transfer data at 5Gbs from one reversible port.⁽⁴¹⁾⁽⁴²⁾
- Re-writable DVD drive:** Watch and write DVDs using the integrated optical drive.^(6b)
- 802.11 a/c (1x1) WLAN & 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.⁽⁶⁾

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 Power Desktop that meets strict energy-efficiency and helps reduce your carbon footprint.

- ENERGY STAR® certified⁽⁶²⁾
- EPEAT® Silver registered⁽²⁷⁾
- All HP computing products are delivered by SmartWay carriers.⁽⁶³⁾
- Recycled Packaging: Count on easy recycling every time. HP designs products and packaging that can be conveniently recycled or reused.⁽³¹⁾

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⁾

Extend your coverage:

- SmartFriend, part of HP Care:** Experts are available 24/7 to handle any tech issue, on any device, from any brand. Visit www.hp.com/go/smartfriend to learn more or call toll-free 1.844.814.1800 to get started.⁽⁹⁵⁾
- Care Packs:** Extend protection beyond the standard limited warranty. For more info, visit www.hp.com/go/cpc or call toll-free at 1.877.232.8009.⁽⁶³⁾



Specifications

Operating system	• Windows 10 Home ⁽¹⁾
Processor	• AMD Ryzen™ 5 1400 Processor ^(2a) • Quad-Core
Processor speed	• 3.20GHz ^(2a)
Cache	• 10 MB Cache
Memory	• 8 GB DDR4-2400 SDRAM memory ⁽³⁾ (2x4 GB) (expandable to 16 GB (2 x 8 GB))
Hard drive	• 1 TB 7200RPM SATA hard drive ^(4b)
Finish	• HP finish in shadow black
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) UDIMM (occupied)
Expansion slots	• 1 PCI-E x1 (available) • 1 PCI-E x16 (occupied) • 2 M.2 (one available)
Expansion bays	• HDD: 2 Internal 3.5" (one available) • ODD: 1 9.5mm Ultrasmash (occupied)
Memory card reader	• HP 7-in-1 Media Card Reader-Supports SD, SDHC, SDXC, Memory Stick, Memory Stick Select, Memory Stick PRO, Memory Stick MagicGate.
External ports	• Headphone/Microphone Combo • Front I/O: 1 USB 3.0, 1 USB 3.0 Type-C™ ⁽⁴²⁾ • Rear: 2 USB 2.0, 2 USB 3.0 • HDMI • 3 DisplayPort™ ⁽⁵⁰⁾
Multi-display capable	• DisplayPort™ ⁽⁵⁰⁾ and HDMI capabilities, with AMD Eyefinity, VR and support for Microsoft® DirectX® 12
Mouse and keyboard	• HP USB wired keyboard with volume control and wired optical mouse
Power supply	• 300W Bronze efficiency power supply
Dimensions	• Unpackaged: 14.88 in (L) x 6.50 in (W) x 14.33 in (H) approx. • Packaged: 19.53 in (L) x 9.45 in (W) x 20.47 in (H) approx.
Weight	• Unpackaged: 15.77 lb approx. • Packaged: 21.39 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 sessions of Runefall, 1 free session of Barn Yarn Collector's Edition and unlimited play of Vegas World.⁽⁷⁹⁾

HP help and support

- **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.
- **HP Support Assistant:** Help with your HP PC and printers whenever you need it.⁽⁵⁶⁾⁽⁵⁷⁾

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

- **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 Recovery Manager:** Recover, restore, and create recovery media for your PC.
- **Meet the new Office:** The most powerful Office yet. Your content when and where you need it.⁽⁶⁴⁾
- **HP SureConnect 2.0:** Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points.⁽¹⁰⁾

Security and protection

- **McAfee LiveSafe™:** Protect your operating system with a free 30-day McAfee LiveSafe™ trial.⁽⁸⁾

Additional information

Product number

- Z5N64AA#ABA

Ad embargo date

- 09/28/2017

UPC code

- 191628179503

Country of origin

- China

Tariff number

- 8471500085

Pallet information

- **Dimensions:** 47.24 in (L/D) x 39.37 in (W) x 87.01 in (H) approx.
- **Total weight:** 886.60 lb approx.
- **Layers:** 4
- **Products per layer:** 10
- **Total products per pallet:** 40

Learn more at hp.com

⁽¹⁾ 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>. ^(2a) 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, Radeon and Ryzen are trademarks of Advanced Micro Devices, Inc. ⁽³⁾ Up to 32GB of main system memory may be allocated to support video graphics. ^(4b) For storage drives, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of drive is reserved for system recovery software. ^(6a) DVD-Writer does not support DVD RAM. Don't copy copyright protected materials. ^(6b) Actual speeds may vary. Don't copy copyright-protected materials. ⁽⁸⁾ Internet access required and not included. Subscription required after 30 days trial period. McAfee, LiveSafe and the McAfee logo are trademarks or registered trademarks of McAfee, Inc. in the United States and other countries. ⁽¹⁰⁾ Internet access required and not included. ⁽¹⁸⁾ Based on HP internal testing with MP4 playing, clamshell mode, 3 meter distance from wireless access point. Actual results may vary. ^(19a) 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. ⁽²²⁾ 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. ⁽²⁶⁾ Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. ⁽²⁷⁾ EPEAT® Silver registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. ⁽²⁹⁾ Actual speeds may vary. ⁽³¹⁾ Free recycling in select countries. Program may not be available in your area. Check www.hp.com/go/recycling to see if HP offers free recycling in your area. ⁽⁴¹⁾ 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. ⁽⁴²⁾ USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum. ⁽⁵⁰⁾ DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. ⁽⁵³⁾ 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. ⁽⁵⁶⁾ For more information visit <http://www.hp.com/go/hpsupportassistant>. Link will vary outside of the U.S. HP Support Assistant is available for Android and Windows based PCs. ⁽⁵⁷⁾ Internet connection required for updating and connecting to HP Support. ⁽⁶²⁾ ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. ⁽⁶³⁾ Designation based on actions to reduce transportation-related emissions. ⁽⁶⁴⁾ 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. ⁽⁷³⁾ Minimum Intel® Core™ i5 and 8GB RAM with VR-capable components required for VR functionality. ⁽⁷⁹⁾ Games may be limited during trial period. Full version games may be purchased at any time. Internet access required and not included. ⁽⁸³⁾ 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. ⁽⁹⁵⁾ 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. Actual product may vary from image shown on datasheet. © Copyright 2017 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 shall be construed as constituting an additional warranty. 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