Datasheet

HP Pavilion Power Desktop PC 580-000na

Powerful desktop. Aggressive performance.

Geared with the latest technology, the Pavilion Power Desktop puts a serious level of performance in your hands. 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.



Creation. Gaming. Bring it on.
Features the latest quad core processors and discrete graphics. With this power, you're ready to take on any activity from making digital art to conquering new worlds in VR.[1]

Serious storage. Serious possibilities.
Choose the performance and storage you need. Boot up in seconds with up to 512 GB SSD (on select models) and save all your content with up to 2 TB HDD and dual storage options (on select models).[2]

Out with the old
Ditch the dull grey box, this desktop comes infused with style. A new angular bezel and bold green and black design give your workspace just the right amount of attitude.

[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 is not a measurement of higher performance. [2] For hard drives, GB = 1 billion bytes, TB=1 trillion bytes. Actual formatted capacity is less. Up to 30GB of hard drive is reserved for system recovery software.

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Specifications

Performance

Operating System
Windows 10 Home 64
Processor
Intel® Core™ i5-7400 (3 GHz base frequency, up to 3.5 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)
Processor family: 7th Generation Intel® Core™ i5 processor
Chipset
Intel H170
Memory
8 GB DDR4-2400 SDRAM (1 x 8 GB); Total slots: 2 DIMM
Transfer rates up to 2400 MT/s
Storage
1 TB 7200 rpm SATA
DVD-Writer
Dropbox[1]
Graphics
Discrete: NVIDIA® GeForce® GTX 1050 (2 GB GDDR5 dedicated); Powered by NVIDIA® Pascal™ architecture
Audio
DTS Studio Sound™
Display description
LCD monitors sold separately. For more information please visit www.hp.com/eur/home-monitors.
Power
180 W power supply

Connectivity

Network interface
Integrated 10/100/1000 Gigabit Ethernet LAN
Wireless connectivity
802.11a/b/g/n/ac (1x1) and Bluetooth® 4.2 M.2 combo
Ports
Front: 1 USB 3.0 Type-C™; 1 USB 3.0; 1 headphone/microphone combo
Back: 2 USB 3.0; 2 USB 2.0; 1 RJ-45
7-in-1 memory card reader
External Drive Bays: One occupied
Internal Drive Bays: One occupied; One available
Video connectors
1 DVI; 1 HDMI; 1 DisplayPort

Design

Product Color
Shadow black front bezel, brushed hairline pattern

Software

HP Apps
HP Audio Switch; HP JumpStart; HP Sure Connect
Software
Netflix; 1 month trial for new Microsoft® Office 365 customers
Service & support
McAfee LiveSafe™ [2]

Additional information

Part Number
P/N: 2BV30EA #ABU
UPC/EAN code: 192545491211
Energy Efficiency Compliance
ENERGY STAR® certified; EPEAT® Silver registered
Weight
7.15 kg; Packed: 9.7 kg
Dimensions
37.8 x 16.5 x 36.4 cm; Packed: 49.6 x 24 x 52 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 25 Display
Z7Y57AA

Warranty services*

3-year pickup and return
U4812E

[1] 25 GB of free online storage for 12 months 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.) [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. 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. [7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information.

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