

# HP Pavilion Power Desktop PC 580-103ny



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.<sup>1</sup>



### 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).<sup>2</sup>



### 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.



<sup>1</sup> 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. <sup>2</sup> 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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### Featuring

#### Windows 10

Do great things confidently with the familiar feel of Windows - only better.

#### AMD® Radeon™ RX 580 Graphics

This ultra-efficient GPU delivers enhanced gaming performance at high resolutions and smooth VR gameplay optimized with Polaris architecture and DirectX® 12 performance.

#### 802.11 a/c (1x1) WLAN & Bluetooth® 4.2

Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology.

#### Re-writable DVD drive

Watch and write DVDs using the integrated optical drive.

#### DDR4 RAM options

Designed to run more efficiently and more reliably at faster speeds, DDR4 is the future of RAM. With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.

#### 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.

#### Windows 10

Do great things confidently with the familiar feel of Windows - only better.<sup>18</sup>

#### VR ready

We've stressed the hardware and drivers with the most intensive games to ensure rock-solid 90 FPS and high-definition graphics, for a smooth VR experience right out of the box.<sup>19</sup>

#### 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.

#### 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.

#### Dropbox cloud storage

Store and synchronize your content online with Dropbox. Get 25GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access.<sup>20</sup>

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<sup>18</sup> 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>.

<sup>19</sup> Requires minimum NVIDIA® GTX 970 or AMD® R9 390X graphics card, Intel® i5 processor, and 8GB RAM. All other system components must be VR capable.

<sup>20</sup> 25GB of free online storage for one year from date of registration. For complete details and terms of use, including cancellation policies, visit the website at [www.dropbox.com](http://www.dropbox.com). Internet service required and not included.

# HP Pavilion Power Desktop PC 580-103ny



## Specifications

### Performance

#### Operating System

Windows 10 Home 64

#### Processor

AMD Ryzen™ 5 1600 (3.2 GHz base frequency, up to 3.6 GHz burst frequency, 16 MB cache, 6 cores)

Processor family: AMD Ryzen™ 5 1600 6-Core processor

#### Memory

16 GB DDR4-2133 SDRAM (2 x 8 GB); Total slots: 2 DIMM  
Transfer rates up to 2133 MT/s.

#### Storage

1 TB 7200 rpm SATA  
128 GB PCIe® NVMe™ M.2 SSD

DVD-Writer

Dropbox<sup>1</sup>

#### Graphics

Discrete: AMD Radeon™ RX 580 Graphics (8 GB GDDR5 dedicated);

#### Audio

DTS Studio Sound™

#### Display description

LCD monitors sold separately. For more information please visit [www.hp.com/eur/home-monitors](http://www.hp.com/eur/home-monitors).

#### Power

300 W external AC power adapter

### 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 HDMI; 3 DisplayPort™

### Design

#### Product Color

Shadow black front bezel, brushed hairline pattern

### Software

#### HP Apps

HP Audio Switch; HP JumpStart

#### Software

1 month trial for new Microsoft® Office 365 customers

#### Service & support

McAfee LiveSafe™<sup>2</sup>

### Additional information

#### Part Number

P/N: ZMK96EA #BED

UPC/EAN code: 192018808218

#### 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

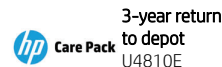
1 year limited parts, labour, and carry-in service.; You can expand the warranty coverage of your product to reach up to 3 years in total; for more information, check with your HP reseller.

#### Included accessories

USB black keyboard

USB optical mouse

## Warranty services\*



<sup>1</sup> 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](http://www.dropbox.com). Internet service required and not included. <sup>2</sup> McAfee LiveSafe 30-day free trial offer (Internet access required. First 30 days included. Subscription required for live updates afterwards.) <sup>6</sup> 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. <sup>7</sup> Burst frequency performance varies depending on hardware, software and overall system configuration.

