

# HP Pavilion Notebook 15-cx0019na



## A powerful laptop that delivers the performance to play

The HP Pavilion Gaming Laptop is designed so you can excel at any task. Gaming. Creation. Entertainment. An Intel® Core™ processor and discrete graphics work together to jumpstart everything you do. Don't settle for average performance. Prepare yourself for a new level of power.



### A gaming and entertainment machine

Take on the latest games and upgrade your entertainment with up to NVIDIA® GeForce® GTX 1060 or AMD Radeon™ RX 560 graphics. Up to 4K display<sup>1</sup>, or a FHD display<sup>2</sup> with 144Hz refresh rate<sup>3</sup> on select models, play time is no joke.



### Immerse yourself

See more of the action on a stunning edge-to-edge display, and enjoy rich, authentic audio with front-firing speakers, HP Audio Boost, and tuning by B&O PLAY.



### This is serious performance

Get powerful multitasking and fast responsiveness with an Intel® Core™ processor<sup>4</sup> and PCIe SSD or dual storage (HDD + PCIe SSD) on select models. Enjoy improved connectivity with fast throughput thanks to Wi-Fi supporting gigabit speeds on select models.



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## Featuring

### Windows 10

Do great things confidently with the familiar feel of Windows - only better.<sup>5</sup>

### 8th Generation Intel® Core™ processor

Upgrade performance with smooth system responsiveness and fast load times for an exceptional PC experience. Supporting resolution up to stunning 4K, stream premium content, or even create your own.<sup>6</sup>

### FHD IPS display

Enjoy crystal-clear images from any angle. With 178° wide-viewing angles and a vibrant 1920 x 1080 resolution, you'll always have a great view of your favorite content.<sup>7</sup>

### HP Fast Charge

When your laptop is low on power, no one has time to wait hours to recharge. Power down your device and go from 0 to 50% charge in approximately 45 minutes.<sup>8</sup>

### Highly accurate color

With the 45% NTSC color space, this HP display provides ideal color reproduction with minimal effort. Perfect for photos, videos—all your creative projects.<sup>3</sup>

### Visibly brilliant detail

With 220 nits of brightness, view beautiful details, enhanced image quality, and distinct shades of color—even in bright lighting conditions.<sup>3</sup>

### A truly powerful audio experience

HP Dual Speakers and audio custom-tuned in collaboration with the experts at B&O PLAY deliver rich, authentic audio. Let the sound move you.

### PCIe SSD storage

Available in capacities up to 256 GB, PCIe-based flash storage is up to 17x faster than a traditional 5400-rpm laptop hard drive.<sup>9</sup>

### USB-C™

Power your device or connect to an external display from just one USB-C™ port with 5 Gb/s signaling rate. And it's reversible, so you never have to worry about plugging in upside down.<sup>10</sup>

### HP Wide Vision FHD IR Camera

Easily log in through Windows Hello with the infrared sensor. With an 88-degree, wide-angle field of view, you can video chat with your entire family or group of friends in stunning detail.<sup>11</sup>

### Backlit keyboard with integrated numeric pad

Keep going even in dimly lit rooms or aboard red-eye flights. With an illuminated keyboard and integrated numeric pad, you can type comfortably in more environments.

### Rock-solid connections

Never worry about spotty Internet and weak connections. Stay powerfully connected to Wi-Fi and to Bluetooth® accessories with the latest 802.11 a/c (2x2) WLAN adapter and Bluetooth® 4.2.<sup>12</sup>

### Dropbox cloud storage

Store and synchronize your content online with Dropbox. Get 25 GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access.<sup>13</sup>

### 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.

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## Specifications

### Performance

#### Operating system

Windows 10 Home 64

#### Processor

Intel® Core™ i5-8300H (2.3 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores)

Processor family: 8th Generation Intel® Core™ i5 processor <sup>6,7</sup>

#### Memory

8 GB DDR4-2666 SDRAM (2 x 4 GB)

Transfer rates up to 2666 MT/s.

#### Storage

256 GB PCIe® NVMe™ M.2 SSD

Optical drive not included

Dropbox<sup>1</sup>

#### Graphics

Discrete: NVIDIA® GeForce® GTX 1050 Ti (4 GB GDDR5 dedicated) ;

#### Audio

B&O PLAY, dual speakers, HP Audio Boost

#### Display

39.6 cm (15.6") diagonal FHD IPS anti-glare micro-edge WLED-backlit (1920 x 1080)

#### Display Color Gamut

45% NTSC

#### Brightness(typical)

220 nits

#### Power

150 W AC power adapter;

#### Battery type

3-cell, 52.5 Wh Li-ion;

#### Battery and Power

Up to 10 hours and 15 minutes<sup>3</sup>;

Supports battery fast charge: approximately 50% in 45 minutes<sup>5</sup>

#### Maximum battery life video playback

Up to 9 hours and 15 minutes<sup>3</sup>

### Connectivity

#### Wireless connectivity

Realtek 802.11b/g/n/a/ac (2x2) and Bluetooth® 4.2 combo

MU-MIMO supported; Miracast compatible

#### Ports

1 USB 3.1 Type-C™ Gen 1 (Data transfer only, up to 5 Gb/s); 3 USB 3.1 Gen 1 (1 HP Sleep and Charge); 1 HDMI 2.0; 1 RJ-45; 1 headphone/microphone combo

1 multi-format SD media card reader

#### Webcam

HP Wide Vision FHD IR Camera with integrated dual array digital microphone

### Design

#### Product color

Ghost white

Vertical brushing keyboard frame pattern

### Software

#### HP apps

HP Audio Switch; HP CoolSense; HP JumpStart

#### Software

Netflix (30-day free trial offer); 1 month trial for new Microsoft Office 365 customers

#### Service & support

McAfee LiveSafe™ <sup>2</sup>

### Additional information

#### Part Number

P/N: 8PL55EA #ABU

UPC/EAN code: 194721144614

#### Energy efficiency compliance

ENERGY STAR® certified; EPEAT® Silver registered

#### Weight

2.22 kg;

Weight note (metric): Weight varies by configuration

#### Dimensions

36.5 x 25.65 x 2.54 cm;

Packed: 55.2 x 30.5 x 6.9 cm

Dimension note (metric): Dimensions vary by configuration

#### 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.

#### Keyboard

Full-size island-style backlit keyboard with numeric keypad

HP Imagepad with multi-touch gesture support

#### Security management

Kensington NanoSaver™ security lock support

#### Sensors

Accelerometer

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## Recommended accessories

\* Not included.



HP Wireless Mouse  
Z4000  
H5N61AA



HP 39.62 cm (15.6")  
Black Odyssey Backpack  
L8J88AA

## Warranty services\*



3-year pickup and return  
U4819E

## Feature Messaging Footnotes

<sup>1</sup> 4K content required to view full 4K images.

<sup>2</sup> Full HD (FHD) content required to view FHD images.

<sup>3</sup> All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

<sup>4</sup> Intel, the Intel Logo, Intel Inside, Intel Core, and Core Inside are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

<sup>5</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>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. Intel's numbering is not a measurement of higher performance. 4K content required to view full 4K images. System loading time and responsiveness dependent upon product configuration.

<sup>7</sup> Full high-definition (FHD) content is required to view FHD images.

<sup>8</sup> Recharges your battery up to 50% within 45 minutes when the system is off (using "shut down" command). Recommended for use with the HP adapter provided with the notebook, not recommended with a smaller capacity battery charger. After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products. See <http://store.hp.com> for a full list of product features.

<sup>9</sup> Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD

<sup>10</sup> USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum.

<sup>11</sup> Features may require software or other 3rd party applications to provide the described functionality.

<sup>12</sup> 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 laptop to communicate with other 802.11ac WLAN devices. Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.

<sup>13</sup> 25 GB 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.

## Technical Specifications Footnotes

<sup>1</sup> 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 <https://www.dropbox.com/help/space/hp-promotion>. Internet service required and not included.

<sup>2</sup> Free 30 day subscription of McAfee LiveSafe service included. Internet access required and not included. Subscription required after expiration.

<sup>3</sup> Estimated Windows 10 battery life based on Windows 10 / MobileMark® 2014 benchmarking. Battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See [www.bapco.com](http://www.bapco.com) for additional details.

<sup>5</sup> Recharges your battery up to 50% within 45 minutes when the system is off (using "shut down" command). Recommended for use with the HP adapter provided with the notebook, not recommended with a smaller capacity battery charger. After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP Envy, HP Omen and HP Pavilion models. See <http://store.hp.com> for a full list of product features.

<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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

<sup>7</sup> Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

