

HP Pavilion Notebook 15-cs2031na



A thin and light laptop loaded with performance and style.

Express yourself like never before with this stylish powerhouse built just for you. Slim enough to follow you anywhere, and powerful enough to make it through any day.



Accomplish more

Multitasking feels easy and fast with a high performance Intel® processor.¹ Watch videos, edit photos, and connect to family and friends with all the power you need to get things done.



Sleek. Slender. Sophisticated.

A smooth metal finish gives this laptop a sharp, polished look—from the elevated keyboard to the new narrow bezel design, every detail was crafted for comfort and style.



A truly powerful audio experience

With dual HP Speakers, HP Audio Boost, and custom tuning by the experts at B&O, you can experience rich, authentic audio. Let the sound move you.



HP CoolSense



Audio boost



HP Fast Charge

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.

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Featuring

Windows 10

Do great things confidently with the familiar feel of Windows - only better.²

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.³

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.⁴

Anti-glare panel

Enjoy the sun and your favorite content with this anti-glare panel. Non-reflective and low gloss means you'll get less glare while you're outside.

Micro Edge display

By squeezing a larger screen into a smaller frame, this ultra-thin, barely visible bezel revolutionizes your display's appearance with a beautifully efficient design.

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.⁵

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.⁶

Visibly brilliant detail

With 220 nits of brightness, view beautiful details, enhanced image quality, and distinct shades of color—even in bright lighting conditions.⁶

Liberating battery life

Take on your day without worrying about recharging. With up to 11 hours of battery life, you can work, watch more, and spend more of your time totally untethered.⁷

PCIe SSD storage

Available in capacities up to 512 GB, PCIe-based flash storage is up to 17x faster than a traditional 5400-rpm laptop hard drive.⁸

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.⁹

USB 3.1 connector

With the world's most popular USB connection, you can easily connect any of your existing USB devices and experience data transfer speeds ten times faster than USB 2.0.

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.¹⁰

Backlit keyboard

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

802.11 a/c (2x2) WLAN & Bluetooth® 5.0

Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology.¹¹

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.¹²

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SD and Micro SD card reader

Simply insert an SD or Micro SD card and increase your device's storage for more movies, photos, and music, or easily access any content you have stored on an existing card.

² 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>.

³ 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.

⁴ Full high-definition (FHD) content is required to view FHD images.

⁵ 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.

⁶ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

⁷ 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 <https://bapco.com/products/mobilemark-2014/> for details.

⁸ Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD

⁹ USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum.

¹⁰ Features may require software or other 3rd party applications to provide the described functionality.

¹¹ 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 laptop to communicate with other 802.11ac WLAN devices. Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.

¹² 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. Internet service required and not included.

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Specifications

Performance

Operating system

Windows 10 Home 64

Processor

Intel® Core™ i7-8565U (1.8 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores)

Processor family: 8th Generation Intel® Core™ i7 processor^{6,7}

Chipset

Intel® Integrated SoC

Memory

8 GB DDR4-2400 SDRAM (1 x 8 GB)

Transfer rates up to 2400 MT/s.

Storage

512 GB PCIe® NVMe™ M.2 SSD

Optical drive not included

Graphics

Integrated: Intel® UHD Graphics 620;

Audio

B&O, 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

45 W AC power adapter;

Battery type

3-cell, 41 Wh Li-ion;

210 g;

Battery and Power

Up to 11 hours²;

Supports battery fast charge: approximately 50% in 45 minutes⁵

Maximum battery life video playback

Up to 9 hours¹⁰

Connectivity

Network interface

Integrated 10/100/1000 GbE LAN

Wireless connectivity

Intel® Wireless-AC 9560 802.11b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo (Supporting Gigabit file transfer speeds)^{11,12}

MU-MIMO supported; Miracast compatible

Ports

1 USB 3.1 Gen 1 Type-C™ (Data Transfer Only, 5 Gb/s signaling rate); 2 USB 3.1 Gen 1 Type-A (Data Transfer Only); 1 RJ-45; 1 AC smart pin; 1 HDMI; 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

Mineral silver cover, natural silver base and keyboard frame

Sandblasted anodized finish

Software

HP apps

Alexa; HP 3D DriveGuard; HP Audio Switch; HP CoolSense; HP JumpStart; HP Support Assistant

Software

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

Service & support

McAfee LiveSafe™²

Additional information

Part Number

P/N: 8EX04EA #ABU

UPC/EAN code: 194441745214

Energy efficiency compliance

ENERGY STAR® certified; EPEAT® Silver registered

Weight

1.85 kg;

Packed: 3.27 kg

Weight note (metric): Weight varies by configuration

Dimensions

36.16 x 24.56 x 1.79 cm;

Packed: 52 x 6.9 x 30.5 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 natural silver keyboard with numeric keypad

HP Imagepad with multi-touch gesture support

Security management

Kensington Nano Security Slot™

Sensors

Accelerometer

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Recommended accessories

* Not included.



HP Pavilion Bluetooth® Headset 600
1SH06AA



HP Pavilion Gaming Headset 600
48X33AA



HP Pavilion Wayfarer Backpack
5EE95AA



3-year pickup and return
U4819E

Technical Specifications Footnotes

¹ 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.

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

³ Windows 10 MobileMark 14 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 <https://bapco.com/products/mobilemark-2014/> for additional details.

⁵ 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.

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, branding and/or naming is not a measurement of higher performance.

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

¹⁰ Battery life tested by HP using continuous FHD video playback, 1080p (1920x1080) resolution, 150 nits brightness, system audio level at 17%, player audio level at 100%, played full-screen from local storage, headphone attached, wireless on but not connected. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage.

