

HP Pavilion Gaming Laptop 15-ec0000na



Game ready. Performance ready.

Sacrifice nothing with the thin and powerful HP Pavilion Gaming 39.6 cm (15.6") Laptop. Experience high-grade graphics and processing power for gaming and multitasking, plus improved thermal cooling for overall performance and stability. Immerse yourself in the game with a micro-edge bezel display and custom-tuned audio. The perfect balance between work and play, so you can do it all.



Power to do it all

Take on everything with a high performance processor and advanced graphics. A Full HD resolution display with fast refresh rate delivers smooth gameplay visuals, while also bringing entertainment and content to life.



Stay in the game

Game harder for longer on a laptop equipped with a dual fan system for enhanced thermal cooling¹. A wide rear vent and enlarged air inlets maximize airflow to optimize your overall performance and stability, keeping the machine cool during extended usage.



Daring design

Get lost in the game. A sleek micro-edge bezel display provides a maximum viewing experience while the front-firing speakers with Audio by B&O deliver powerful, custom-tuned sound.



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Featuring

Windows 10

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

AMD Ryzen™ 5 processor

Tap into truly impressive notebook performance. A revolutionary new architecture with amazing battery life that delivers exceptional multi-threaded processing and Vega graphics for intensive multimedia tasks.³

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.

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.⁴

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.⁵

Visibly brilliant detail

With 250 nits of brightness, view beautiful details, enhanced image quality, and distinct shades of color—even in bright lighting conditions.⁵

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.⁶

AMD Radeon™ Vega graphics

Thrill your visual senses with the latest AMD graphics compute engines for fast, powerful, and fluid graphics. Combine with the latest multimedia for incredible performance.

NVIDIA® GeForce® GTX 1050 graphics

Power a fast, smooth, energy efficient gaming experience that takes advantage of the latest DirectX® 12 and NVIDIA® GeForce® GTX 1050 features to deliver 1080p graphics on the latest games.

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.⁷

HP TrueVision HD Camera

Video chat in vibrant clarity, even in low light and make every conversation a face-to-face experience for a better way to stay in touch.⁸

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.

Wi-Fi 5 (2x2) & Bluetooth® 5.0

Never worry about spotty Internet and weak connections. Stay powerfully connected to Wi-Fi and to Bluetooth® accessories with the latest Wi-Fi 5 (2x2) WLAN adapter and Bluetooth® 5.0.⁹

McAfee LiveSafe

Protect your operating system with a free 30-day McAfee LiveSafe subscription.¹⁰

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.¹¹

Enhanced thermal solution

The latest in heat management brings you an enhanced heat-pipe design, stabilizing your work and play in a cooling environment.¹⁴

Sleek design

Easily take this thin and light PC from room to room or on the road. When your PC goes wherever you go, staying productive and entertained has never been easier.

A truly powerful audio experience

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

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Specifications

Performance

Operating system

Windows 10 Home 64

Processor

AMD Ryzen™ 5 3550H with Radeon™ Vega 8 Graphics (2.1 GHz base clock, up to 3.7 GHz max boost clock, 6 MB cache, 4 cores)

Processor family: AMD Ryzen™ 5 processor ^{6,7}

Chipset

AMD Integrated SoC

Memory

8 GB DDR4-2400 SDRAM (2 x 4 GB)

2 user-accessible memory slots; Transfer rates up to 2400 MT/s.

Storage

256 GB PCIe® NVMe™ M.2 SSD

Optical drive not included

Dropbox¹

Graphics

Discrete: NVIDIA® GeForce® GTX 1050 (3 GB GDDR5 dedicated) ;

Audio

B&O; Dual speakers; HP Audio Boost 1.0

Display

39.6 cm (15.6") diagonal FHD IPS anti-glare micro-edge WLED-backlit, 250 nits, 45% NTSC (1920 x 1080)

Display Color Gamut

45% NTSC

Brightness(typical)

250 nits

Power

135 W Smart AC power adapter;

Battery type

3-cell, 52.5 Wh Li-ion;

210 g;

Battery and Power

Up to 13 hours and 15 minutes³;

Supports battery fast charge; approximately 50% in 45 minutes⁵

Maximum battery life video playback

Up to 11 hours and 15 minutes¹⁰

Connectivity

Network interface

Integrated 10/100/1000 GbE LAN

Wireless connectivity

Realtek Wi-Fi 5 (2x2) and Bluetooth® 5 combo ¹⁴

MU-MIMO supported; Miracast compatible

Ports

1 USB 3.1 Gen 1 Type-C™ (Data Transfer Only, 5 Gb/s signaling rate); 1 USB 3.1 Gen 1 Type-A (Data Transfer Only); 1 USB 2.0 Type-A (HP Sleep and Charge); 1 AC smart pin; 1 HDMI 2.0; 1 headphone/microphone combo; 1 RJ-45

1 multi-format SD media card reader

Webcam

HP TrueVision HD Camera with integrated dual array digital microphone

Design

Product color

Shadow black, green chrome logo

Paint finish

Software

HP apps

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: 7VU69EA #ABU

UPC/EAN code: 194721365330

Energy efficiency compliance

ENERGY STAR® certified; EPEAT® Silver registered

Weight

Starting at 2.25 kg;

Packed: 2.93 kg

Weight note (metric): Weight varies by configuration

Dimensions

36 x 25.7 x 2.35 cm;

Packed: 6.9 x 52 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 acid green backlit keyboard with numeric keypad

HP Imagepad with multi-touch gesture support; Precision Touchpad Support

Sensors

Accelerometer

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Warranty services*



3-year pickup and return
U4819E

Feature Messaging Footnotes

- ¹ Thermal solution varies by configuration.
- 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. AMD's numbering is not a measurement of clock speed.
- ⁴ 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.
- ⁵ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- ⁶ Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD
- ⁷ USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum.
- ⁸ Features may require software or other 3rd party applications to provide the described functionality.
- ⁹ Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11ac) is backwards compatible with prior Wi-Fi 5 specs.
- ¹⁰ Internet service required and not included. Subscription required after 30 days.
- ¹¹ 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.
- ¹⁴ Thermal solution varies by configuration.

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 products. 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. AMD's numbering is not a measurement of clock speed.
- ⁷ Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
- 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.
- ¹⁴ Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11ac) is backwards compatible with prior Wi-Fi 5 specs.

