

HP Pavilion Gaming Laptop 15-ec1039nm



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.



*Product image may differ from actual product



Power to do it all

Take on everything with an AMD Ryzen™ 4000 Series Mobile high performance processor and NVIDIA® 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 corner 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

AMD Ryzen™ 4000 H-Series Mobile Processor with Radeon™ Graphics

For uncompromising performance for gaming and content creation, Ryzen™ 4000 H-Series Mobile processors are the new standard for pro-level performance in innovative, new, thin and light laptops.²

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.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.

PCIe SSD storage

Boot up in seconds with lightning fast speed with up to 256 GB PCIe SSD storage.

Wi-Fi 5 (2x2) & Bluetooth® 5.0 (802.11a/b/g/n/ac)

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® 5.0.⁴

DDR4 RAM

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.

Dual storage configurations

By including both an SSD drive for the operating system and a traditional hard drive you get the benefits of both worlds—fast boot up times, snappy responsiveness, and larger storage capacity.

SuperSpeed USB Type-C® 5Gbps signaling data rate

Plug in your external storage with this SuperSpeed USB Type-C® port, featuring 5Gbps signaling data rate. And it's reversible, so you never have to worry about plugging in upside down.⁵

HP True Vision 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.⁶

HP Imagepad with multi-touch gesture

This true multi-touch touchpad supports four finger gestures and lets you scroll, zoom, and navigate with a simple touch.

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.

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.

An exceptionally rich 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.

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.¹⁵

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Specifications

Performance

Operating system

FreeDOS

Processor

AMD Ryzen™ 7 4800H (2.9 GHz base clock, up to 4.2 GHz max boost clock, 8 MB L3 cache, 8 cores)^{6,7}

Processor family: AMD Ryzen™ 7 processor

Chipset

AMD Integrated SoC

Memory

16 GB DDR4-3200 MHz RAM (2 x 8 GB)

Transfer rates up to 3200 MT/s.

Number of User-accessible Memory Slots: 2

Storage

256 GB PCIe® NVMe™ TLC M.2 SSD

1 TB 7200 rpm SATA HDD

Optical drive not included

Graphics

Discrete: NVIDIA® GeForce® GTX 1650 Ti (4 GB GDDR6 dedicated) ;

Powered by NVIDIA Turing™ GPU architecture

Audio

Audio by B&O; Dual speakers; HP Audio Boost

Display

39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 250 nits, 45% NTSC¹⁷

Screen-to-body ratio

79%¹⁸

Power

150 W Smart AC power adapter;

Battery type

3-cell, 52.5 Wh Li-ion polymer

210 g

Battery and Power

Up to 6 hours and 45 minutes³;

Supports battery fast charge: approximately 50% in 45 minutes⁵

Maximum battery life video playback

Up to 9 hours and 15 minutes¹⁰

Connectivity

Network interface

Integrated 10/100/1000 GbE LAN

Wireless connectivity

Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo ¹⁴
Miracast compatible; MU-MIMO supported

Ports

1 SuperSpeed USB Type-C® 5Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 USB 2.0 Type-A (HP Sleep and Charge); 1 HDMI 2.0; 1 RJ-45; 1 AC smart pin; 1 headphone/microphone combo ¹⁹

1 multi-format SD media card reader

Webcam

HP True Vision 720p HD camera with integrated dual array digital microphones

Design

Product color

Shadow black, green chrome logo

Paint finish

Additional information

Part Number

P/N: 350C4EA #BED

UPC/EAN code: 195697734045

Weight

2.19 kg;

Packed: 2.93 kg

Weight Note: Weight varies by configuration

Dimensions

36 x 25.7 x 2.35 cm;

Packed: 6.9 x 52 x 30.5 cm

Dimension Note: Dimensions vary by configuration

Warranty

1 year limited parts, labour, and carry-in service

Keyboard

Full-size, acid green backlit, shadow black keyboard with numeric keypad

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

Security management

Fingerprint reader not available

Sensors

Accelerometer

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Recommended accessories

* Not included.



HP Pavilion Gaming Headset 400
4BX31AA



HP Pavilion Gaming Mouse Pad 400
5JH72AA



HP Pavilion Gaming Backpack 500
6EU58AA



3-year return to depot
U4817E

Key Selling Points Footnotes

¹ Thermal solution varies by configuration.

Feature Messaging Footnotes

² 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. Internet access required and not included.

³ Full high-definition (FHD) content is required to view FHD images.

⁴ 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.

⁵ Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.

⁶ Features may require software or other 3rd party applications to provide the described functionality.

¹⁴ Thermal solution varies by configuration.

¹⁵ 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 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.

Technical Specifications Footnotes

³ Windows 10 MobileMark 18 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-2018/> for additional details.

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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.

¹⁷ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

¹⁸ Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.

¹⁹ HP Sleep and Charge requires USB Type-A/Type-C charging protocol standard cable or dongle with external device for full functionality.

