

HP Pavilion Gaming 15 Laptop PC



Go where the action is

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.



High Performance Graphics



Edge-to-Edge Display



High Performance

A gaming and entertainment machine

Take on the latest games and upgrade your entertainment with up to NVIDIA® GeForce® GTX 1060 with Max-Q Design. Add an optional 4k display¹, or a 1080p display² with 144Hz refresh rate³, and 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 and optional PCIe SSD or dual storage (HDD + PCIe SSD). Enjoy improved connectivity with fast throughput thanks to Wi-Fi supporting gigabit speeds on select models.

¹ 4K content required to view full 4K images. ² Full HD (FHD) content required to view FHD images. ³ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

Features



A truly powerful audio experience

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



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.



USB-C™ 1,2

Transfer data at high speeds to or from your external storage with this USB-C™ port. And it's reversible, so you never have to worry about plugging in upside down.



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.



Advanced Thermal Management

The latest redesigned thermal solution incorporates a 3-phase motor in the fans and an optimized fan layout for additional venting options and further improved airflow. This allows for scaling up to a NVIDIA® GeForce® GTX 1060 with Max-Q design option. This helps provide a boost to gaming performance and opens up new opportunities for Windows Mixed Reality or Virtual Reality experiences.



Micro Edge Bezel Display

By fitting your all hardware requirements into a smaller form frame, this ultra-thin, bezel³ revolutionizes your display's appearance with a beautifully efficient design.

¹ Transfer rate may vary. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ² USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum. ³ Micro Edge Bezel: Below 7mm including A/rear cover. Bezel measurement is from the inside edge of the inactive area of the display panel to the inside edge of the PC casing.



Technical specifications

Operating System¹	Windows 10 Home
Processor²	Intel® Core™ i7-8750H (2.2 GHz base frequency ¹⁰ , up to 4.1 GHz with Intel® Turbo Boost Technology ¹¹ , 9 MB cache, 6 cores) Intel® Core™ i5-8300H (2.3 GHz base frequency ¹⁰ , up to 4 GHz with Intel® Turbo Boost Technology ¹¹ , 8 MB cache, 4 cores) Intel® Core™ i7+ 8750H (2.2 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) Intel® Core™ i5+ 8300H (2.3 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores)
Chipset	Intel® HM370 Chipset
Integrated Graphics	Intel® UHD Graphics 630 (CFL-H) NVIDIA® GeForce® GTX 1050 (2/4 GB GDDR5 dedicated) NVIDIA® GeForce® GTX 1050 Ti (4 GB GDDR5 dedicated) NVIDIA® GeForce® GTX 1060 with Max-Q design (3 GB GDDR5 dedicated)
Display³	15.6" diagonal FHD IPS anti-glare micro-edge WLED-backlit (1920 x 1080) 15.6" diagonal FHD 144 Hz IPS anti-glare micro-edge WLED-backlit (1920 x 1080), 72% Color Gamut 15.6" diagonal 4K IPS anti-glare micro-edge WLED-backlit (3840 x 2160), 72% Color Gamut
Standard Memory	Dual channel memory support - Non User accessible Up to 16 GB DDR4-2666 SDRAM
Storage	256 GB PCIe® NVMe™ M.2 SSD 1 TB 5400/7200 rpm SATA Up to 2 TB 5400 rpm SATA Up to 2 TB 5400 rpm SATA; 128 GB PCIe® NVMe™ M.2 SSD Up to 1 TB 7200 rpm SATA; 512 GB PCIe® NVMe™ M.2 SSD 1 TB 5400 rpm SATA; 16 GB PCIe® NVMe™ Intel® Optane™ Memory for storage acceleration
Networking/Wireless^{2, 4}	Intel® Wireless-AC 9560 802.11b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo (CFL-H) Integrated 10/100/1000 GbE LAN
Media Card	1 multi-format SD media card reader
I/O ports²	1 USB Type-C™ 3.1 Gen 1 (Data up to 5Gb/s) 3 USB 3.1 Gen 1 (Data Transfer Only) 1 HDMI v2.0 1 RJ-45 1 Headphone/Microphone combo
Webcam/MIC	HP Wide Vision HD Camera Dual array digital microphone
Audio	B&O PLAY Dual speakers HP Audio Boost 1.0
Security	Kensington NanoSaver™ security lock support
Sensor	Accelerometer (for HDD protection)
Keyboard/Touchpad	Full-size island-style backlit keyboard with numeric keypad HP Imagepad with multi-touch gesture support
Power/Battery⁵	135W AC power adapter (1050) 150W AC power adapter (1050Ti) 200W AC power adapter (1060) 3-cell, 52.5 Wh Li-ion prismatic/polymer 4-cell, 70 Wh Li-ion polymer (GTX 1060 only) Support battery fast charge - Approximately 50% in 45 minutes ⁹
Software^{2, 6}	Multimedia & Entertainment HP Audio Switch, iQiyi® Product Support HP Support Assistant, HP Documentation, HP Jumpstart, Recovery Manager, McAfee LiveSafe™ (30-day trial), HP Connection Optimizer, HP 3D DriveGuard (HDD only), HP e-Service® Productivity & Lifestyle 1-month trial for new Microsoft® Office 365 customers, Dropbox ⁷ , HP ePrint
Dimensions (mm)/Weight (kg)	365 x 256.5 x 25.4 mm / from 2.22 kg



¹ Not all features are available in all editions or versions of Windows 10. 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 microsoft.com. ² Some models may not feature all the listed components and vary depending on configuration. ³ High Definition content (e.g. WMV HD files) is required to view high definition images. Most current DVDs do not provide high definition images. ⁴ Wireless regulatory differs from country to country. ⁵ 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 bapco.com for additional details. ⁶ Available in certain countries. ⁷ Not Available for China. ⁸ Only for China. ⁹ 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 store.hp.com for a full list of product features. ¹⁰ 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. Intel, Pentium, Intel Core, Celeron, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries. ¹¹ Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See intel.com/technology/turboboost for more information.

Recommended Accessories



HP Pavilion Gaming Keyboard 500 (3VN40AA)

Black

Maximize potential with a mechanical keyboard engineered to deliver speed with every stroke. Equipped with Red switches, every key press provides lightning-fast response times—taking your work and play to unmatched levels.

HP Pavilion Gaming Headset 400 (4BX31AA/4BX32AA)

(Green/Black)

Step your gaming and entertainment up a notch with high-quality stereo sound¹ and the sleek, signature look of Pavilion Gaming. Designed to amplify your games, music, and movies—this comfortable headset packs a serious punch. With superb acoustics and crystal-clear sound, get ready for an immersive audio experience.



HP Pavilion Gaming Mouse 300 (4PH30AA/4PH31AA)

(Black)

Designed to up the way you work and game, this ambidextrous mouse feels perfectly natural whether you're right or left handed. It has a 5,000 DPI optical sensor for increased precision and the ability to adjust settings on-the-fly. Includes rubber grips on both sides for extra comfort.



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