HP Pavilion Gaming Laptop 15-dk2005nj

For multiplayers and multitaskers

Sacrifice nothing with the thin and powerful HP Pavilion Gaming Laptop PC. 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 narrow 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 your day. Power your play.
Take on anything and everything with a powerful Intel® Core™ processor[1] and NVIDIA® graphics[2]. A high resolution display with fast refresh rate delivers smooth gameplay visuals, while also bringing entertainment and content to life.

Game harder for longer
The HP Pavilion Gaming Laptop PC is equipped with a dual fan system for enhanced thermal cooling. Wide rear corner vents and additional air inlets maximize airflow to optimize your overall performance and stability, keeping the machine cool during extended usage.

Bold, immersive 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

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.[14]

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

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Specifications

Performance

Operating system
FreeDOS

Processor
Intel® Core™ i7-11370H (up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores)[6,7]
Processor family: 11th Generation Intel® Core™ i7 processor

Chipset
Intel® 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
1 TB PCIe® NVMe™ M.2 SSD
Optical drive not included

Graphics
Discrete: NVIDIA® GeForce RTX™ 3050 Ti Laptop GPU (4 GB GDDR6 dedicated) ;

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

Display
39.6 cm (15.6") diagonal, FHD (1920 x 1080), 144 Hz, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC[17]

Screen-to-body ratio
82.29%[18]

Power
200 W Smart AC power adapter;

Battery type
3-cell, 52.5 Wh Li-ion polymer[21]
210 g

Battery and Power
Up to 5 hours and 15 minutes[3];
Supports battery fast charge: approximately 50% in 45 minutes[5]

Maximum battery life video playback
Up to 7 hours[10]

Connectivity

Network interface
Integrated 10/100/1000 GbE LAN

Wireless connectivity
Realtek Wi-Fi 6 (1x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate) [11,12,13,16] MU-MIMO supported; Miracast compatible

Ports
1 SuperSpeed USB Type-C® 10Gbps signaling rate (DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 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 Wide 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: 4A6D5EA #ABT
UPC/EAN code: 196068468958

Weight
2.23 kg;
Packed: 3.37 kg
Weight Note: Weight varies by configuration

Dimensions
36 x 25.6 x 2.34 cm;
Packed: 6.9 x 55.2 x 30.5 cm
Dimension Note: Dimensions vary by configuration

Warranty
1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

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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Key Selling Points Footnotes

[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. Intel's numbering, branding and/or naming is not a measurement of higher performance.
[2] ©2021 NVIDIA Corporation. NVIDIA, the NVIDIA logo, GeForce, and GeForce RTX are registered trademarks and/or trademarks of NVIDIA Corporation in the United States and other countries. All other trademarks and copyrights are the property of their respective owners.

Feature Messaging Footnotes

[14] 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. 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.
[11] Wi-Fi® supporting gigabit speeds is achievable when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160 MHz channels.
[12] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited.
[13] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other Wi-Fi 6 devices. Only available in countries where 802.11ax is supported.
[16] Wi-Fi 6 (802.11ax) is not supported in Ukraine, Russia, and Indonesia where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).
[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] For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.
[21] Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.

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