HP Pavilion Gaming Laptop 15-dk1004nm

For multiplayers and multitaskers

Sacrifice nothing with the thin and powerful HP Pavilion Gaming 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 narrow bezel display and custom-tuned audio. The perfect balance between work and play, so you can do it all.

Power your day. Power your play.
Take on anything and everything with a 10th generation Intel® Core™ processor[1] and NVIDIA® GeForce® graphics. 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 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

10th Generation Intel® Core™ processor
Experience power and responsive performance to boost your productivity. Enjoy immersive entertainment and game, stream and create content with accelerated performance.[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.

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.

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

NVIDIA® GeForce® GTX 1650 graphics
With the all-new NVIDIA Turing™ architecture, gaming and streaming will never be the same. Get all the power you need for fast, smooth, power-efficient performance from NVIDIA® GeForce® GTX 1650.

SuperSpeed USB Type-C® 10Gbps signaling rate with Power Delivery, DisplayPort™ 1.4 and HP Sleep and Charge
Power your device or connect to an external display from just one USB-C® port with 10Gbps signaling rate. And it's reversible, so you never have to worry about plugging in upside down.[4]

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.

OMEN Command Center
A single touch-point for all HP gaming systems. System Vitals dynamically display your key metrics for optimal performance, while Network Booster sends gaming network traffic to the front of the line.

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

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.

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.

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
Intel® Core™ i5-10300H (2.5 GHz base frequency, up to 4.5 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores)[6,7]
Processor family: 10th Generation Intel® Core™ i5 processor

Chipset
Intel® HM470

Memory
16 GB DDR4-2933 SDRAM (2 x 8 GB)
2:
Transfer rates up to 2933 MT/s.

Storage
256 GB PCIe® NVMe™ M.2 SSD
1 TB 7200 rpm SATA
Optical drive not included

Graphics
Discrete: NVIDIA® GeForce® GTX 1650 (4 GB GDDR6 dedicated) ;
Powered by NVIDIA Turing™ GPU architecture

Audio
Audio by 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)[17]

Screen-to-body ratio
82.29%[18]

Power
150 W Smart AC power adapter;

Battery type
3-cell, 52.5 Wh Li-ion;
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 and 45 minutes[10]

Connectivity

Network interface
Integrated 10/100/1000 GbE LAN

Wireless connectivity
Realtek 802.11 b/g/n/ac (2x2) and Bluetooth® 5 combo [14]
MU-MIMO supported; Miracast compatible

Ports
1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, 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
1 multi-format SD media card reader

Webcam
HP Wide Vision 720p HD camera with integrated dual array digital microphone

Design

Product color
Shadow black, green chrome logo
Paint finish

Additional information

Part Number
P/N: 1U5R6EA #BED
UPC/EAN code: 195122526016

Weight
Starting at 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
3 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 ENVY Rechargeable
Mouse 500
2LX92AA

HP Spectre USB-C Travel
Dock
2SR85AA

HP Spectre Folio
Backpack
8GF06AA

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.

Feature Messaging Footnotes

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[3] Full high-definition (FHD) content is required to view FHD images.
[4] Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.
[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. 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.
[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.