

ProductSheet
HP Pavilion Laptop 15-eh1004nu (5Z7Q9EA)



Sophistication at work. Gratification at play.

The Pavilion 15.6 inch Laptop packs more performance into a smaller profile, so you can get more done wherever you go. Enjoy mind-blowing entertainment with a micro-edge screen and Audio by B&O.



Productivity simplified

Performance that's one step ahead. Experience a laptop that can keep up with you with a premium AMD processor.

More delight in a smaller package

A compact laptop that makes it easy to get work done on the go with a Precision Touchpad, while the long battery life and HP Fast Charge let you keep moving.[1]

A screen that steals the show

With Audio by B&O, a larger screen-to-body ratio, and micro-edge bezels that maximize your view, entertainment on your laptop feels like stuffing a large popcorn into the small bag.

Featuring

AMD Ryzen™ 5000 U Series Mobile Processors

If juggling video conferences, web browsing, building spreadsheets, and creating presentations is the norm, then AMD Ryzen™ 5000 Series Mobile Processor-powered devices are built with you in mind.

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. [2]

PCIe SSD storage

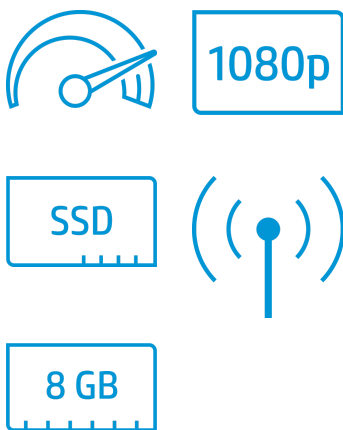
Boot up in seconds with lightning fast speed with up to 512 GB PCIe SSD storage.

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

Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology. [3]

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.



Specifications

| | |
|--|--|
| Operating system | FreeDOS |
| Product color | Natural silver aluminum cover and keyboard frame, natural silver base |
| Processor family | AMD Ryzen™ 5 processor |
| Processor | AMD Ryzen™ 5 5500U (up to 4.0 GHz max boost clock, 8 MB L3 cache, 6 cores, 12 threads) ^[6,7] |
| Chipset | AMD Integrated SoC |
| Memory | 8 GB DDR4-3200 MHz RAM (2 x 4 GB) |
| Internal Storage | 512 GB PCIe® NVMe™ M.2 SSD |
| Product design | Sandblasted cover and keyboard frame, paint finish base |
| Optical drive | Optical drive not included |
| Graphics | Integrated |
| Graphics (integrated) | AMD Radeon™ Graphics |
| Display | 39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 250 nits, 45% NTSC |
| Display | 15.6" diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 250 nits, 45% NTSC |
| Display size (diagonal) | 39.6 cm (15.6") |
| Display size (diagonal) | 15.6" |
| Audio | Audio by B&O; Dual speakers; HP Audio Boost |
| Minimum dimensions (W x D x H) | 36.02 x 23.4 x 1.79 cm <i>(Dimensions vary by configuration)</i> |
| Minimum dimensions (W x D x H) | 14.18 x 9.21 x 0.7 in |
| Weight | 1.75 kg <i>(Weight varies by configuration)</i> |
| Weight | 3.86 lb |
| Keyboard | Full-size, backlit, natural silver keyboard with numeric keypad |
| Pointing device | HP Imagepad with multi-touch gesture support; Precision Touchpad Support |
| Camera | HP Wide Vision 720p HD camera with integrated dual array digital microphones |
| Ports | 1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 2.0; 1 AC smart pin; 1 headphone/microphone combo ^[19] |
| Expansion slots | 1 microSD media card reader; 1 multi-format SD media card reader |
| Package dimensions (W x D x H) | 6.9 x 52 x 30.5 cm |
| Package weight | 2.34 kg |
| Wireless | Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo |
| Power supply type | 45 W Smart AC power adapter |
| Battery type | 3-cell, 41 Wh Li-ion |
| Battery life | Up to 8 hours and 45 minutes ^[3] |
| Battery recharge time | Supports battery fast charge: approximately 50% in 45 minutes ^[5] |
| Battery weight | 0.42 lb |
| Battery weight | 192 g |
| Sustainable impact specifications | Ocean-bound plastic in speaker enclosure |
| Security management | Kensington Nano Security lock slot |
| UPC number | 196337671041 |

Top Recommended Displays, Accessories and Services

HP Value Displays

| | |
|---------------------|---------|
| HP M32f FHD Monitor | 2H5M7AA |
| HP M32f FHD Monitor | 2H5N0AA |
| HP M27f FHD Monitor | 2G3D3AA |
| HP M27f FHD Monitor | 2H0N1AA |
| HP M24f FHD Monitor | 2D9K0AA |
| HP M24f FHD Monitor | 2E2Y4AA |

Keyboard and Mouse Kits

| | |
|---|---------|
| HP Pavilion Wireless Keyboard and Mouse 800 | 4CE99AA |
|---|---------|

Mice

| | |
|---------------------------|---------|
| HP Bluetooth Travel Mouse | 6SP25AA |
| HP Dual Mode Mouse | 6CR71AA |

Keyboards

| | |
|-----------------------------------|---------|
| HP Pavilion Wireless Keyboard 600 | 4CE98AA |
|-----------------------------------|---------|

Messaging Footnotes

[1] 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.

[2] Full high-definition (FHD) content is required to view FHD images.

[3] 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.

Technical Specifications Footnotes

[3] Windows 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.

[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.

[19] For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.

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