

HP Pavilion Notebook 17-ab001nx



Power your passion

Get ready to unleash your inner content-creating, media-craving, game-crushing potential, because this Pavilion Laptop was built to handle everything you've got. With turbocharged performance you can go from immersive streaming sessions to lag-free video editing, and do it all from wherever you want.



A creative powerhouse

Bring your biggest, boldest ideas to life or multi-task like a master with NVIDIA® GTX™ discrete graphics and the latest quad-core Intel® processor¹.



Love what you see

Whether you're editing videos, watching your favorite movie, touching up photos or just playing games, every detail pops on the vibrant FHD² or 4K display³ with IPS on selected models.



A truly powerful audio experience

With dual HP 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.



HP Lounge, get closer to the Artists you love

With unlimited access to music and exclusive content for HP customers, there's no need to search for it, as it comes to you.¹⁷

Featuring:

- Windows 10 is here. Do great things confidently with the familiar feel of Windows—only better.
- Faster, quieter, and with more features, the 6th generation of Intel® Core™ processors enhances your computing experience like never before.
- With 8 million pixels, it's easy to see the 4K difference. The spectacular 3840 x 2160 resolution delivers your content in jaw-dropping quality with true-to-life definition.
- 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.



Backlit keyboard

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. ² Full high-definition (FHD) content is required to view FHD images. ³ 4K content is required to view 4K images. ¹⁷ Unlimited access to Universal Music's portfolio for 12 months, free to HP customers. Internet access is required. ⁴ Not all features are available in all editions or versions of Windows. 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 <http://www.microsoft.com>. ⁵ 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 will vary depending on your hardware and software configurations. ⁶ 4K content required to view full 4K images.

Datasheet

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Operating System	Windows 10 Home 64
Software - Productivity	1 month trial for new Microsoft® Office 365 customers
Processor	Intel® Core™ i7-6700HQ (2.6 GHz, up to 3.5 GHz, 6 MB cache, 4 cores) Processor family: 6th Generation Intel® Core™ i7 processor
Chipset	Intel HM170
Memory	16 GB DDR4-2133 SDRAM (2 x 8 GB); Transfer rates up to 2133 MT/s
Storage	2 TB 5400 rpm SATA; 128 GB M.2 SSD Dropbox ¹ SuperMulti DVD burner
Webcam	Intel® RealSense™ Camera with dual array digital microphone
Sensors	Accelerometer
Communication	Integrated 10/100/1000 Gigabit Ethernet LAN; Intel® 802.11ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo (Miracast compatible)
Ease of use	Kensington MicroSaver® lock slot; Power-on password; Accepts third-party security lock devices; Trusted Platform Module (TPM) support
Display	39.6 cm (15.6") diagonal UHD IPS UWVA anti-glare WLED-backlit (3840 x 2160)
Video	NVIDIA® GeForce® GTX 960M (4 GB GDDR5 dedicated)
Sound	B&O PLAY; HP Audio Boost; Dual speakers
Keyboard	Full-size island-style backlit keyboard with numeric keypad; HP Imagepad with multi-touch gesture support
Ports	1 HDMI; 1 headphone/microphone combo; 1 USB 2.0; 2 USB 3.0; 1 RJ-45 1 multi-format SD media card reader
Features	Webcam supports Windows Hello
Battery Type	6-cell, 62 Wh Li-ion; Supports battery fast charge: 90% in 90 minutes
Target battery life	Up to 10 hours estimated battery time ³
Power	120 W AC power adapter
Product Color	Natural silver cover, charcoal wood keyboard frame; Linear wood, digital threads lines pattern
HP Apps	HP CoolSense; HP Lounge
Software	CyberLink PowerDirector; Intel® RealSense™ Training; Intel® RealSense™ Apps; Netflix
Service & support	McAfee LiveSafe™ ²
Additional information	P/N: Y5L66EA #A2N UPC/EAN code: 190780609521
Weight	2.85 kg; Packed: 3.86 kg; Weight varies by configuration
Dimensions	41.6 x 27.9 x 2.99 cm; Packed: 55.2 x 34.5 x 6.9 cm; Dimensions vary by configuration
Energy Efficiency Compliance	ENERGY STAR® certified; EPEAT® Silver registered
Warranty	1-year limited parts, labour, and carry-in service You can expand the warranty coverage of your product to reach up to 3 years in total; for more information, check with your HP reseller.

¹ 25 GB of free online storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the website at www.dropbox.com. Internet service required and not included. ² McAfee LiveSafe 30-day free trial offer (Internet access required. First 30 days included. Subscription required for live updates afterwards.) ³ Estimated Windows 10 battery life based on Windows 10 / MobileMark® 2014 benchmarking. 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 www.bapco.com for additional details.

Compatible accessories and services*

* Not included.



HP X9000 OMEN
Mouse
J6N88AA



HP 17.3 in OMEN
Gaming
Backpack
K5Q03AA



HP H3100 Black
Wired
Headphone
T3U77AA



3-year return to
depot
U4817E

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