Datasheet

HP Envy Laptop 17-da0047nr

Enjoy seamless multitasking with an AI-powered, 17" laptop

Power your passion with the HP Envy 17" Laptop PC, boasting integrated AI technology and the latest Intel® Processor[1] for swift multitasking and extended battery life. Work more flexibly and efficiently with the 17" touchscreen design. Made with recycled materials and with plastic-free packaging, this laptop PC is good for you and the planet.



*Product image may differ from actual product

Elevate your productivity with built-in AI

Conquer your workday with built-in AI processing power for optimized battery life and seamless multitasking.

The right tools for every task

Seamlessly connect your smartphone to transfer files and enjoy crystal-clear connections with the 5MP camera.

Power and mobility in one package

Conquer your day with ample storage and memory for seamless app performance on an expansive 17" touchscreen.

Sustainability in action

Built with our shared future in mind

Contains recycled metals[2] and plastics[3] and EPEAT® Gold with Climate+[4] and ENERGY STAR® certifications.

with

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Featuring

Get a fresh perspective
From a rejuvenated Start menu, to new ways to connect to your favorite people, news, games, and content–Windows 11 is the place to think, express, and create in a natural way.[5]

Intel® Core™ Ultra
Experience powerful and responsive performance to help your productivity soar. Seamlessly edit, share, and enjoy fantastic 4K entertainment with lightning-fast speed.[6]

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.[7]

100% sRGB
Showcase your creations in all their colors on the 100% sRGB display for maximum color broadness and accuracy.

Flicker-free
Using DC Dimming technology that controls brightness by adjusting direct current rather than cycling the backlight, we can eliminate screen flickering for more comfortable viewing.[8]

16:9 aspect ratio
A 16:9 aspect ratio lets you see more of your content with less scrolling.[9]

Copilot in Windows with Copilot key
Copilot in Windows gives you intelligent answers. Access with just the touch of the Copilot key.[10]

Recycled aluminum
Because little things make a big difference, this laptop design includes sustainable materials like recycled aluminum.[11]

EPEAT® Gold with Climate+
With EPEAT® Gold with Climate+, you're choosing a movement towards responsibility and climate action.[12]

ENERGY STAR® certified
Save energy and money with ENERGY STAR®, certified by the EPA so you will use less energy and save money where it counts most.[13]

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 30 minutes.[14]

Liberating battery life
Take on your day without worrying about recharging. With up to 10 hours and 45 minutes of battery life, you can work, watch more, and spend more of your time totally untethered.[15]

Enjoy a smooth wireless experience with a Wi-Fi 7 (2x2) and Bluetooth® 5.4 combo.
Enjoy a smooth wireless experience with a Wi-Fi 7 (2x2) and Bluetooth® 5.4 combo.[16]

Microphone Mute
Enjoy greater peace of mind and the convenience of a dedicated microphone mute button that you can easily activate and know it's on or off with an LED indicator light.

Camera Shutter
No more unsightly tape and tacky gum to hide your private moments. Ensure your privacy and security with a visible, physical shutter that turns off your PC's camera when not in use.

5MP IR camera with temporal noise reduction and integrated dual array digital microphones
The high-quality-camera lets you video chat in stunning detail, at up to 2592x1944 resolution.[17]

Thunderbolt™ 4 with USB4™ Type-C®
The latest Thunderbolt™ solution lets you power your device or connect up to two 4K displays with a single cable and blazing 40Gbps signaling rate.

McAfee Online Protection 12-month trial
Secure your device with award winning antivirus and online protection. Free trial includes secure VPN for privacy and data protection when browsing on public Wi-Fi[18]

Adobe Offer
Get a complimentary 1 month trial of the best creativity and productivity apps from Adobe with the purchase of a computer from HP.[19]

Make the most out of your 365.
Microsoft 365 makes your life more creative, organized, and secure. 1-month trial for new Microsoft 365 customers.[20]

PCIe NVMe™ M.2 SSD storage
Boot up in seconds with lightning fast speed with up to 512 GB PCIe NVMe™ M.2 SSD storage.

DTS: X® Ultra Technology
By producing authentic, spatially accurate 3D sound through any headset, this technology offers specially tuned audio modes for different game types to provide immersion for the best entertainment experience possible.[21]

Dual channel memory
With dual channel technology, two channels work simultaneously to double the communication speed between the memory controller and the RAM increasing system performance.

Connected Modern Standby
Stay up-to-date on your email, calendar notifications, and more—even when you're not using your PC. Your PC stays connected for instant updates.

HP Imagepad with multi-touch gesture
This true multi-touch touchpad supports four finger gestures and lets you scroll, zoom, and navigate with a simple touch.

Full-size keyboard with integrated numeric keypad
The full-sized keyboard with integrated numeric keypad allows you to comfortably type and increase productivity with 1.5mm key travel.

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Specifications





Performance

Operating system
Windows 11 Home

Processor
Intel® Core™ Ultra 7 155H (up to 4.8 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 16 cores, 22 threads)[6,7]
Processor family: Intel® Core™ Ultra 7 processor

Chipset
Intel® integrated SoC

Memory
16 GB DDR5-5600 MT/s (2 x 8 GB)
Transfer rates up to 5600 MT/s.
Number of User-accessible Memory Slots: 0

Storage
512 GB PCIe® Gen4 NVMe™ M.2 SSD
25 GB Dropbox storage for 12 months[1]

Graphics
Integrated: Intel® Arc™ Graphics[8];
Intel® Arc™ Graphics capabilities require system to be configured with Intel® Core™ Ultra processors with and dual channel memory and at least with 16GB (and above) memory. Intel® Arc™ Graphics with Intel® Core™ Ultra processors with and single channel memory will only function as Intel® Graphics brand.

Audio
DTS:X® Ultra; Dual speakers; HP Audio Boost; Poly Studio

Display
43.9 cm (17.3") diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, 300 nits, 100% sRGB[17,35]

Screen-to-body ratio
86%[18]

Power
65 W USB Type-C® power adapter;

Battery type
6-cell, 83 Wh Li-ion polymer[23]

Battery and Power
Up to 10 hours and 45 minutes[3];
Supports battery fast charge: approximately 50% in 30 minutes[5]

Maximum battery life video playback
Up to 16 hours and 30 minutes[10]

Connectivity

Wireless connectivity
Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card [12,13]
HP Dynamic Range Technology; HP Extended Range Wireless LAN; Modern Standby (Connected)

Ports
2 USB Type-A 10Gbps signaling rate; 1 USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 1 HDMI 2.1; 1 headphone/microphone combo; 1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1, HP Sleep and Charge); 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4a, HP Sleep and Charge)[19]

Webcam
5MP IR camera with temporal noise reduction and integrated dual array digital microphones[30]

Sustainability

Ecolabels
EPEAT® Gold with Climate+[27]

Energy star certified
ENERGY STAR® certified

Sustainable impact specifications
Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic; Recycled metal in cover, keyboard frame and keyboard supporting plate[39,40,41]

Design

Product color
Glacier silver
Sandblasted cover and keyboard frame, polished base finish

Software

HP apps
HP Support Assistant; HP Connection Optimizer; HP BIOS Protection; OMEN Gaming Hub; HP Enhanced Lighting; myHP

Software
Intel® Unison™; Otter.ai; Copilot in Windows with Copilot key[36];
1 month trial for new Microsoft 365 customers[24]

Service & support
1-month Adobe free trial offer; Xbox Game Pass 1-month free trial; McAfee Online Protection 30-day trial [2,25,43]

Additional information

Part Number
P/N: 9V8M3UA
UPC/EAN code: 198122287925

Weight
2.5 kg;
Packed: 3.81 kg

Dimensions
39.6 x 25.86 x 1.99 cm;
Packed: 8 X 47.5 X 33.5 cm

Manufacturer Warranty
1-year limited hardware warranty. Additional information available at www.support.hp.com; 1-year limited technical support for software and initial setup (from date of purchase)[14]

Keyboard
Full-size, backlit, soft grey keyboard with numeric keypad
HP Imagepad

Security management
Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support

Sensors
Accelerometer; IR thermal sensor

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Footnotes

Messaging 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] Percentage of recycled metal varies by product.
[3] Approx. 50% recycled plastics, included in the following PC components: speaker box, bottom cover, bezel and keyboard keycaps. Keyboard keycaps are 50% water-based paint. 45% PCR+5% OBP plastic used in speaker enclosure. 90% PIR metal in keyboard frame and metal cover. 90% recycled metal in hinge bar. Packaging outer box is 100% made from sustainably source certified and recycled fibers. Percentage post-consumer recycled plastic varies by product.
[4] See www.epeat.net for registration status and tier levels by country.
[5] 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See http://www.windows.com.
[6] Intel and Core are trademarks of Intel Corporation in the U.S. and other countries.
[7] Full high-definition (FHD) content is required to view FHD images.
[8] The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
[9] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
[10] Requires Windows 11 and compatible processor with an NPU. Availability and features vary by market and device. Requires Microsoft account to log in. Where Copilot in Windows is not available, the Copilot key will lead to Windows Search. See http://aka.ms/WindowsAIFeatures
[11] Includes recycled metal.
[12] EPEAT® Gold with Climate+ registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.
[13] ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.
[14] Recharges your battery up to 50% within 30 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.
[15] 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-25/ for additional details.
[16] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. Wi-Fi 7 is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels. Wi-Fi 7 (802.11ax) is not supported in Belarus where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).
[17] Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included.
[18] Internet access required and not included. McAfee is pre-installed on your PC and an account is required for activation. Subscription renewal required after trial period. VPN feature is not available in India, China, Syria or North Korea. McAfee is not compatible with Windows 11 in S mode. You'll need to permanently switch out of S mode. There's no charge to switch out of S mode, but you won't be able to turn it back on.
[19] Offer available worldwide (excluding China and embargoed countries or other countries identified as restricted by applicable law or regulation) to new and existing subscribers who are 18+. Click on the Adobe icon in the start menu to redeem a 1-month free trial membership for select Adobe software. The software is tied to the device and is not transferrable. If you would like to sign up for an auto-renewing subscription, you can provide your payment method at sign-up. By adding a payment method, your subscription will automatically renew at the then current rate on your renewal date until you cancel. If you cancel before the end of the one-month free trial, you won't be charged. You can cancel your subscription anytime via your Adobe Account page or by contacting Customer Support. Please see current prices for Adobe products available in this offer. Offer not available to Education, OEM, or volume licensing customers. Subject to availability where the recipient resides. Additional terms and conditions may apply. VOID WHERE PROHIBITED OR RESTRICTED BY LAW.
[20] 1-month free trial for new Microsoft® Office 365 customers. Credit card required and will not be billed until end of trial period. You can cancel anytime during trial period. Internet access is required and not included. See www.microsoft.com for full details.
[21] Listening to personal stereo equipment at full volume for long periods can damage the user's hearing. To reduce the risk of hearing damage, lower the volume and amount of time listening at full volume.

Technical Specifications Footnotes

[1] 25 GB of free Dropbox storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at https://www.dropbox.com/help/space/hp-promotion. Internet service required and not included.
[2] Internet access required and not included. McAfee is pre-installed on your PC and an account is required for activation. Subscription renewal required after trial period. VPN feature is not available in India, China, Syria or North Korea. McAfee is not compatible with Windows 11 in S mode. You'll need to permanently switch out of S mode. There's no charge to switch out of S mode, but you won't be able to turn it back on.
[3] MobileMark 25 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-25/ for additional details.
[5] Recharges your battery up to 50% within 30 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. 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.
[8] Intel® Arc™ Graphics capabilities require system to be configured with Intel® Core™ Ultra processors and dual channel memory. Intel® Arc™ Graphics with Intel® Core™ Ultra processors and single channel memory will only function as Intel® Graphics brand.
[10] Battery life tested by HP using continuous FHD video playback, 1080p (1920x1080) resolution, 150 nits brightness, system audio level at 17% as image default, player audio level at 100%, played full-screen from local storage, headphone attached or through speaker (if no audio jack port), wireless on but not connected. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage.
[12] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires Windows 11 2024, Intel® Core™ 14th gen processors, and a Wi-Fi 7 router, sold separately. Wi-Fi 7 is backwards compatible with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.
[13] Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license; Bluetooth® 5.3 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.3 will function as Bluetooth® 5.2 or lower.
[14] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited; Call 1.800.474.6836 or support.hp.com for more information on Care Packs available after standard warranty expires. After standard warranty expires, an incident fee may apply.
[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 formatted capacity is less. Portion of internal storage is reserved for preloaded content; Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially read compared to SATA SSD.
[23] 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.
[24] Must activate within 180 days of Windows activation.
[25] Offer available worldwide (excluding China and embargoed countries or other countries identified as restricted by applicable law or regulation) to new and existing subscribers who are 18+. Click on the Adobe icon in the start menu to redeem a 1-month free trial membership for select Adobe software. The software is tied to the device and is not transferrable. If you would like to sign up for an auto-renewing subscription, you can provide your payment method at sign-up. By adding a payment method, your subscription will automatically renew at the then current rate on your renewal date until you cancel. If you cancel before the end of the one-month free trial, you won't be charged. You can cancel your subscription anytime via your Adobe Account page or by contacting Customer Support. Please see current prices for Adobe products available in this offer. Offer not available to Education, OEM, or volume licensing customers. Subject to availability where the recipient resides. Additional terms and conditions may apply. VOID WHERE PROHIBITED OR RESTRICTED BY LAW.
[27] For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device; Based on U.S. EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
[28] Listening to personal stereo equipment at full volume for long periods can damage the user's hearing. To reduce the risk of hearing damage, lower the volume and amount of time listening at full volume.
[30] Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included; Camera resolution refers to the image sensor active pixels. The actual image capture pixels depend on the app and/or aspect ratio selected.
[32] HP BIOS Protection works with Windows 10 or 11 that ships with your PC; For more information visit hp.com/go/hpsupportassistant. (Link will vary outside of the U.S.) HP Support Assistant is only available on Windows-based PCs. Internet connection required for updating and connecting to HP Support.
[35] Full High-definition (FHD) content is required to view high definition images.
[36] Intel® Unison™ solution is currently only available on eligible Intel® Evo™ designs on Windows-based PCs and only pairs with Android- or iOS-based phones; all devices must run a supported OS version. See intel.com/performance-evo for details, including set-up requirements. Results may vary.
[37] Weight and system dimensions may fluctuate due to configuration and manufacturing variances.
[39] Percentage of ocean-bound plastic contained in each component varies by product.
[40] Laptops manufactured with recycled metal material in product cover. Percentage of recycled metal varies by product.
[41] Keyboard components contain post-consumer recycled plastic. Percentage of post consumer recycled contained in each component varies by product.
[43] 1 month trial offer - Promotional offers may be for new members only and/or not be valid for all members and are only available for a limited time. Credit card and Xbox account required. After promotional period, subscription automatically continues at the then-current regular price (subject to change), unless cancelled, plus applicable taxes. To stop being charged, cancel your subscription or turn off recurring billing in your Microsoft account (account.microsoft.com/services) or on your Xbox console, before the next billing date. For more details, see support.xbox.com/help/subscriptions-billing/manage-subscriptions/cancel-recurring-billing-or-subscription. Purchase of Xbox Game Pass Ultimate automatically upgrades your existing Xbox Live Gold, Xbox Game Pass (PC or Console), and/or EA Play membership(s) to Xbox Game Pass Ultimate at a conversion ratio each based on days remaining. Learn how this works at xbox.com/gamepass. See Microsoft xbox.com/en-US/legal/subscription-terms for more details.
[45] The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights or LED emissions. OLED panel is functional with DC-DIMMING when above 100nits.
[46] Bluetooth® 5.4 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.4 will function as Bluetooth® 5.3 or lower.

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