Datasheet

HP Pavilion Plus Laptop 14-ew1500na

Unleash your potential with the HP Pavilion Plus 14" Laptop

Step up and step out with the HP Pavilion Plus 14" Laptop PC, with a powerful Intel® Core™ Processor[1], mesmerizing screen enhancements, and seamless collaboration tools that give you the edge to surpass expectations. Log in quickly with the 5MP camera and Windows Hello[2], with video controls that keep you looking good and connected with everyone.

*Product image may differ from actual product

Powerful performance with an Intel® Processor

With an Intel® Core™ Processor[1] and enhanced software, the HP Pavilion Plus is ready for your toughest tasks.

Experience every detail on a pixel-perfect display

Bring out every eye-popping, vibrant detail for work and play on a 14" display with Eyesafe® certification[3].

Connect and collaborate

Show up with a 5MP camera, dual-array mic, and HP Presence for seamless connectivity and collaboration.

Sustainability in action

A PC that's good for the planet, amazing for you

EPEAT® Gold[4] and ENERGY STAR® certified and thoughtfully made with ocean-bound and post-consumer recycled plastics[5].

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.[6]

Game without compromise. Go beyond performance with Intel Core Ultra Processors.
Be everything you want to be, in-game and out with optimized performance and new features. Play harder and work smarter with Intel Core Processors.[7]

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]

OLED display
With display technology that lights each pixel separately, you'll get deeper blacks for richer contrast, enhanced color depth, and more power efficiency than traditional LED screens.

Eyesafe® Certified Display
Eyesafe® certified displays meet TÜV low blue light requirements and Eyesafe® standards for protecting your eyes from harmful blue light without distorting colors to reduce eyestrain when working for long periods of time.

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

16:10 aspect ratio
A 16:10 aspect ratio lets you see more of your content with less scrolling.

Keyboard keycaps contain post-consumer recycled plastic
We're bringing a more sustainable design to our keyboards by using keycaps made with post-consumer recycled plastic.[9]

Recycled aluminum
Because little things make a big difference, this laptop design includes sustainable materials like recycled aluminum.[10]

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[11]

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.[12]

Battery life for long days
Extend your day into the night with up to 13 hours of battery life. Longer battery life means you can keep going beyond your day without recharging.[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]

PCIe SSD storage
Boot up in seconds with lightning fast speed with up to 1 TB PCIe SSD storage.

Wi-Fi 6E (2x2) and Bluetooth® 5.3 wireless card
Enjoy faster speeds, improved performance, greater capacity and lower latencies than earlier iterations with Wi-Fi 6E and Bluetooth® 5.3 wireless card.[15]

Dual speakers
Pump up the volume to your favorite music, movie or game with dual-stereo speakers.

HP Audio Boost
Take your audio experience to the next level with smart amplification technology giving you loud, clear and dynamic sound.

LPDDR5X RAM
Experience speedy and responsive performance with the power efficient LPDDR5X memory. Designed to support higher data rates with less latency, plus faster file transfers and application load.

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.

EPEAT® Gold registered
EPEAT® Gold registered products are the highest-rated products that meet all of EPEAT required criteria. EPEAT is the world's premier ecolabel for electronics.[16]

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.[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.

HDMI out
It's never been easier to give your device a bigger or second display. With HDMI output you can transmit HD video and sound with just one standard cable.

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.

Backlit keyboard
Keep going even in dimly lit rooms or aboard red-eye flights. With an illuminated keyboard, you can type comfortably in more environments.

Dropbox cloud storage
Store and synchronize your content online with Dropbox. Get 25 GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access.[18]

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.[19]

Recommended accessories and services (not included)

3-year pickup and return
U4819E

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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
Performance technology
Intel® Evo™ laptop
Chipset
Intel® integrated SoC
Memory
32 GB LPDDR5x-6400 MT/s (onboard)
Transfer rates up to 6400 MT/s.
Number of User-accessible Memory Slots: 0
Storage
1 TB PCIe® NVMe™ M.2 SSD
25 GB Dropbox storage for 12 months[1]
Graphics
Integrated: Intel® Arc™ Graphics;
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
35.6 cm (14") diagonal, 3K (2880 x 1800), OLED, 48-120 Hz, 0.2 ms response time, UWVA, micro-edge, BrightView, Low Blue Light, SDR 400 nits, HDR 500 nits, 100% DCI-P3[17,21,26,28]
Screen-to-body ratio
88%[18]
Power
100 W USB Type-C® power adapter;
System coolers
Battery type
4-cell, 68 Wh Li-ion polymer[23]
Battery and Power
Up to 13 hours[3];
Supports battery fast charge: approximately 50% in 30 minutes[5]
Maximum battery life video playback
Up to 19 hours and 30 minutes[10]

Connectivity

Wireless connectivity
Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card [12,46]
Ports
1 USB Type-A 10Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate; 1 HDMI-out 2.1; 1 headphone/microphone combo; 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1, HP Sleep and Charge); 1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1, HP Sleep and Charge)[19]
Webcam
HP Wide Vision 5MP IR camera with temporal noise reduction and integrated dual array digital microphones

Sustainability

Ecolabels
EPEAT® Gold registered[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, base, sideband, hinge cap(s) and keyboard supporting plate[39,40,41]

Design

Product color
Natural silver aluminum
Anodizing matte

Software

HP apps
HP Support Assistant; HP Connection Optimizer; OMEN Gaming Hub; HP Enhanced Lighting; myHP
Software
Intel® Unison™; Windows Studio Effects;
1 month trial for new Microsoft 365 customers[24]
Service & support
McAfee Online Protection 30-day trial; 1-month Adobe free trial offer; Xbox Game Pass 1-month free trial [2,25,43]

Additional information

Part Number
P/N: A4JM1EA #ABU
UPC/EAN code: 198415341501
Weight
1.44 kg;
Packed: 2.28 kg
Dimensions
31.4 x 22.7 x 1.75 cm (front); 31.4 x 22.7 x 1.89 cm (rear);
Packed: 6.9 x 48.3 x 30.5 cm
Manufacturer 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, backlit, soft grey keyboard
HP Imagepad
Security management
Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support

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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 is not a measurement of higher performance.
[2] Features may require software or other 3rd party applications to provide the described functionality.
[3] Eyesafe® Display for Low Blue Light is the Display Compliance Test Specification quality. See https://eyesafe.com for more details.
[4] 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.
[5] Laptops manufactured with recycled ocean-bound plastic material in product bezel and speaker enclosures, post-consumer recycled plastic in keycaps and scissors and recycled metals in A cover, C cover, D cover, sideband, hinge caps and keyboard supporting plate. Percentage of ocean-bound, post-consumer recycled plastic and recycled metals contained in each component varies by product.
[6] 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.
[7] Intel and Core are trademarks of Intel Corporation in the U.S. and other countries.
[8] The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
[9] Percentage of post-consumer recycled plastic contained in keycap varies by product.
[10] Includes recycled metal.
[11] 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.
[12] 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.
[13] 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.
[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] Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported. Wi-Fi 6E is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately. 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.
[16] EPEAT® Gold registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.
[17] ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.
[18] 25 GB of free online storage for one year 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.
[19] Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included.

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.
[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] Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where 6GHz is supported.
[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] TUV Low Blue Light is the Display Compliance Test Specification quality. See https://www.certipedia.com/?locale=en#search for more details.
[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.
[26] DisplayHDR™ is the high-performance Display Compliance Test Specification from VESA specifying HDR (High Dynamic Range) quality. See http://displayhdr.org for more details.
[27] 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] Eyesafe® Display for Low Blue Light is the Display Compliance Test Specification quality. See https://eyesafe.com for more details.
[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] Xbox Game Pass sold separately. Credit card required. Unless you cancel, you will be charged the then-current regular membership rate when the promotional period ends. Terms, exclusions, and streaming limits apply. Xbox Cloud Gaming (Beta): select devices and regions. After term, active membership required to play games and online multiplayer. Game catalog varies over time, region, and by device. DLC sold separately; if a game is removed from catalog or your membership ends, you will need to purchase the game separately to use your DLC. If you're already an Xbox Live Gold and/or Game Pass for Console/PC member, any days remaining in your membership(s) will be converted to Ultimate using a conversion ratio. Future code redemptions also subject to conversion ratio. All conversions to Ultimate are final. Details and system requirements at www.xbox.com/gamepass. Offer valid in all Xbox Game Pass markets excluding Russia. Digital Direct: Your digital content will be delivered directly to your device during set-up; no codes required.
[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® 5.3 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.

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