HP Pavilion Laptop 16-ag0002nm

Create on a PC that has all the power you need

Bring your designs to life or edit your projects on the go with the HP Pavilion 16-inch PC. The latest AMD Ryzen™ Processor[1] and HP Fast Charge[2] enable uninterrupted multitasking. Immerse yourself in the entertainment you love with the enhanced LCD display and share your ideas through the FHD camera. A PC that has got you covered.

*Product image may differ from actual product

Master the art of multitasking

Break creative ground with the latest AMD Ryzen™ Processor[1], HP fast charge battery[2] and larger touchpad.

Visuals to lose yourself in

Set course on a visual adventure with an expansive LCD 16 inch display, more screen and less bezel.

Connectivity to create from anywhere

Your ideas deserve to be showcased from anywhere with the FHD IR camera with manual shutter.

Sustainability in action

Built for a better tomorrow

The HP Pavilion 16 inch PC is designed using recycled metals and post-consumer ocean-bound plastics[4].

hp with · epeat GOLD · ENERGY STAR · McAfee™

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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]

AMD Ryzen™ 5 Processor
Tap into truly impressive notebook performance. A revolutionary new architecture with amazing battery life that delivers exceptional multi-threaded processing and Vega graphics for intensive multimedia tasks.[6]

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.[7]

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.

Visibly brilliant detail
With 300 nits of brightness, view beautiful details, enhanced image quality, and distinct shades of color—even in bright lighting conditions.[8]

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]

EPEAT® Gold with Climate+
With EPEAT® Gold with Climate+, you're choosing a movement towards responsibility and climate action.[10]

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.[11]

Enjoy access to over 100 PC games for 3 months [1][2]
Play hundreds of PC games with your new HP device and 3 months of PC Game Pass — including EA play. With new games added all the time, there's always something new to play [1][2].[12]

Battery life for long days
Extend your day into the night with up to 12 hours and 30 minutes 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]

1TB PCIe® Gen4 NVMe™ M.2 SSD
With high-speed data transfer, the 1 TB PCIe Gen4 NVMe M.2 SSD offers lightning fast speed and efficient storage.[15]

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.

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

LPDDR5 RAM
Experience speedy and responsive performance with the power efficient LPDDR5 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.

USB Type-C® Power + Display + 10Gbps signaling rate
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.[16]

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 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.

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.[17]

Copilot in Windows with Copilot key
Copilot in Windows gives you intelligent answers. Access with just the touch of the Copilot key.[18]

HP True Vision FHD IR camera
Log in safely through Windows Hello with the infrared sensor. With an 88-degree, wide-angle field of view, you can video chat with your entire family or group of friends in stunning detail.[3]

Recommended accessories and services (not included)

HP 430 Multi-Device Wireless Mouse
3B4Q2AA

HP 450 Programmable Wireless Keyboard
4R184AA

HP Prelude Pro 15.6-inch Backpack
4Z513AA

3-year return to depot
U4817E

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Specifications

Performance

Operating system
Windows 11 Home
Processor
AMD Ryzen™ 5 8540U (up to 4.9 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads)[6,7]
Processor family: AMD Ryzen™ 5 processor
Chipset
AMD integrated SoC
Memory
16 GB LPDDR5-6400 MT/s (onboard)
Transfer rates up to 6400 MT/s.
Number of User-accessible Memory Slots: 0
Storage
1 TB PCIe® Gen4 NVMe™ M.2 SSD
25 GB Dropbox storage for 12 months[1]
Graphics
Integrated: AMD Radeon™ Graphics;
Audio
DTS:X® Ultra;Dual speakers;HP Audio Boost
Display
40.6 cm (16") diagonal, 2K (1920 x 1200), IPS, micro-edge, anti-glare, 300 nits, 62.5% sRGB[17]
Screen-to-body ratio
88.90%[18]
Power
65 W USB Type-C® power adapter;
Battery type
3-cell, 59 Wh Li-ion polymer[23]
Battery and Power
Up to 12 hours and 30 minutes[3];
Supports battery fast charge: approximately 50% in 30 minutes[5]
Maximum battery life video playback
Up to 15 hours[10]

Connectivity

Wireless connectivity
Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate) [11,12,13,46]
HP Extended Range Wireless LAN;Modern Standby (Connected)
Ports
2 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 USB Type-A 10Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate; 1 HDMI-out 2.1; 1 headphone/microphone combo[19]
Webcam
HP True Vision 1080p FHD IR camera with temporal noise reduction and integrated dual array digital microphones

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, sideband and hinge cap(s)[39,40,41]

Design

Product color
Sky blue
Matte finish

Software

HP apps
HP Support Assistant; HP Connection Optimizer; OMEN Gaming Hub; HP Enhanced Lighting; myHP
Software
Copilot in Windows with Copilot key;
1 month trial for new Microsoft 365 customers[24]
Service & support
McAfee Online Protection 30-day trial; 1-month Adobe free trial offer; PC Game Pass 3-month trial [2,25]

Additional information

Part Number
P/N: BZ6M4EA #BED
UPC/EAN code: 199251790836
Weight
1.79 kg;
Packed: 2.52 kg
Dimensions
35.77 x 25.48 x 1.79 cm (front); 35.77 x 25.48 x 1.86 cm (rear);
Packed: 6.9 x 52 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.
Support service included
HP 2 years Return to Depot Hardware Support for Notebooks. For terms and conditions, please visit https://h20195.www2.hp.com/v2/GetPDF.aspx/4AA3-8281EEE & https://www8.hp.com/h20195/v2/getpdf.aspx/4AA5-7123EEEE.pdf
Keyboard
Full-size, backlit, darker sky blue opaque keyboard with numeric keypad
HP Imagepad
Features
AMD FreeSync™[29]
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. AMD's numbering is not a measurement of clock speed.

[2] Recharges your battery up to 50% within 30 minutes when the system is off using "shut down" command, using HP adapter provided with the notebook or recommended power adapter disclosed in specifications (see http://store.hp.com). 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.

[3] Features may require software or other 3rd party applications to provide the described functionality.

[4] Laptops manufactured with recycled ocean-bound plastic material in product speaker enclosures, recycled aluminum material in product cover and post-consumer recycled plastic in keycaps. Percentage of material contained in each component varies by product.

[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] 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] The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.

[8] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

[9] Percentage of post-consumer recycled plastic contained in keycap varies by product.

[10] EPEAT® Gold with Climate+ registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

[11] ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.

[12] [1] PC Game Pass: Subscription continues automatically at regular monthly price unless cancelled. For complete subscription terms and how to cancel, see xbox.com/subscriptionterms. Terms and exclusions apply. Game catalog varies over time, by region, and by device. All rights reserved. xbox.com/pcgamepass, ea.com/ea-play/terms. [2] 3-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. Offers not valid in Russia and Turkey; other geographic restrictions may apply. 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 cancel your subscription or turn off recurring billing in your Microsoft account (account.microsoft.com/services) or on your Xbox console, see https://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 www.xbox.com/gamepass. See Microsoft https://www.xbox.com/en-US/legal/subscription-terms for more details.

[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, using HP adapter provided with the notebook or recommended power adapter disclosed in specifications (see http://store.hp.com). 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.

[15] For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of system disk is reserved for system recovery software.

[16] Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum. Display measured diagonally

[17] 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.

[18] Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. See aka.ms/copilotpluspcs. Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea

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, using HP adapter provided with the notebook or recommended power adapter disclosed in specifications (see http://store.hp.com). 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.

[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.

[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.

[11] Wi-Fi 6 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.

[12] 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.

[13] Wi-Fi 6 (802.11ax) is not supported in Belarus where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).

[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.

[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] 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.

[29] AMD FreeSync™ /FreeSync™ Premium/FreeSync™/FreeSync™ Replay Premium Pro is enabled on FHD or higher resolution displays, with the additional requirements, such as at least 120Hz refresh rate, low framerate compensation, and HDR to support AMD FreeSync™ Premium/ FreeSync™ Premium Pro/FreeSync™ Replay. AMD Radeon Graphics and/or AMD A-Series APU-compliant monitors with DisplayPort/HDMI Adaptive-Sync required. AMD 15.11 Crimson driver (or newer) required to support FreeSync over HDMI. Adaptive refresh rates vary by monitor. AMD FreeSync™ /FreeSync™ Premium/FreeSync™/FreeSync™ Replay Premium Pro technology requires AMD Radeon graphics and a display certified by AMD. See www.amd.com/freesync for complete details. GD-127 © 2023 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, Radeon, FreeSync, and combinations thereof are trademarks of Advanced Micro Devices, Inc.

[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.

[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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