

HP ENVY x360 16 inch 2-in-1 Laptop PC 16-ac0023dx



Power your every passion

The HP ENVY Laptop is designed to help you power your passions with built-in AI technology that delivers hard-hitting processing power to help you do more faster. This innovative tech comes in a thin and light, versatile 2-in-1 design so you can use it as a tablet or a laptop letting you work however you want, wherever you want.

Product overview

- **Elevate your productivity with built-in AI:** With boosted AI processing power, and the latest Intel® processor you'll be able to better run AI applications while still multitasking smoothly. The AI engine also increases efficiency, for a longer-lasting battery. AI tools may not give you more hours in a day, but it can help you get more done with the ones you have.
- **The right tools for every task:** Connect your iOS or Android phone to your PC via Intel® Unison™ and seamlessly transfer photos, use your tablet as a second screen, or text and call from your laptop. Expansive storage for large files and massive memory makes even resource-hungry apps run smoothly. Whether at the cafe or in the conference room, the SMP IR camera and AI noise reduction help you always bring your best for smooth brainstorm sessions or quick chats.
- **Form for your every function:** These 2-in-1 PCs can shift from laptop to tablet and back again to fit your workstyle—and your lifestyle. That means flexibility of form while maintaining the full PC power you need to create your best work. The thin-and-light design makes packing up, heading out, and setting up anywhere quick and easy. Once you're in your perfect space, the roomy 16:10 screen ratio gives you plenty more space on-screen to get your work done in stunning detail.
- **Built for a better tomorrow:** HP ENVY x360 2-in-1 Laptops are designed using up to 55% recycled metals and up to 20% post-consumer recycled plastics. It is packaged with 100% sustainably sourced FSC certified, plastic-free packaging. The EPEAT Gold Climate+^(27a) and ENERGY STAR® Certified design means that we've been recognized for our efforts to reduce environmental impact and promote superb energy efficiency.

Key specifications

- **Operating system:** Windows 11 Home⁽¹⁾
- **Processor:** Intel® Core™ Ultra 7 155U^(2b)
- **Display:** 16-inch diagonal, WUXGA (1920 x 1200), multitouch-enabled, IPS, edge-to-edge glass, micro-edge⁽³⁵⁾
- **Memory:** 16 GB LPDDR5-6400 MHz RAM (onboard)
- **Internal storage:** 1 TB PCIe® Gen4 NVMe™ M.2 SSD^{(1)(5)(58b)}
- **Graphics:** Intel® Graphics⁽¹⁴⁾
- **Sound:** Poly Studio with dual speakers
- **Wireless:** Wi-Fi 6E (2x2)^(19d) and Bluetooth® 5.3 wireless card⁽²⁾⁽²⁶⁾ (supporting gigabit data rate)^(7e)
- **Security:** Camera privacy shutter, Mic mute key
- **Camera:** 5MP IR camera with temporal noise reduction and integrated dual array digital microphones^{(89)(89b)}
- **Product weight:** 4.14 lb⁽⁷⁶⁾
- **Keyboard:** Full-size, backlit, soft grey keyboard

Product features

- **Get a fresh perspective with Windows 11:** 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.⁽¹⁾
- **Intel® Core™ Ultra 7 processor:** Experience powerful and responsive performance to help your productivity soar. Seamlessly edit, share, and enjoy fantastic entertainment with lightning-fast speed.
- **Intel® graphics:** Enjoy the high performance needed for accelerated creation and immersive high-resolution gaming.
- **WUXGA IPS display:** Enjoy better color accuracy and wider viewing angles with the Widescreen Ultra Extended Graphics Array display and a high resolution of 1920 x 1200.
- **HP Fast Charge:** Go from 0 to 50% charge in approximately 45 minutes.⁽⁷⁸⁾
- **Effortlessly connected:** Enjoy faster speeds, improved performance, greater capacity and lower latencies than earlier iterations with Wi-Fi 6E and Bluetooth® 5.3 wireless card.^{(19d)(25)(26)}
- **SMP IR camera:** The high-quality-camera lets you video chat in stunning detail, at up to 2592x1944 resolution ensuring the truest picture to real life as possible.⁽⁸⁹⁾

Additional product features

- **Thunderbolt™ 4 with USB 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.⁽¹⁾⁽²⁾⁽⁴³⁾
- **PCIe® NVMe™ SSD storage:** Get up to 15x faster performance than a traditional hard drive.^(58b)
- **Poly Studio Audio with dual speakers:** HP + Poly together will continuously accelerate innovation across our hybrid solutions, including AI-generated technology. With pitch perfect audio, you'll get the best experience to collaborate anywhere with audio tuned by Poly Studio.
- **HP Audio Boost:** Smart amplification technology gives you loud, clear, and dynamic sound.
- **Enjoy 1-month of high-quality games.** Use the Xbox App to play hundreds of high-quality PC games with friends including new day one titles and get an EA Play membership. With games added all the time, you always have something new to play. Xbox Game Pass Ultimate also enables you to play console games on your Windows PC with cloud gaming, and chat with friends across PC, mobile, and Xbox console.⁽⁶⁰⁾

Product design

- **Work. Write. Play. Naturally.** The 360-degree hinge gets you in the perfect position to work, write, watch, and play.
- **90.7% screen to body ratio:** Revolutionize your display and see more of what you love with this slim bezel design. Enjoy an immersive multimedia experience with a maximized viewing area.
- **Backlit keyboard:** Keep going comfortably even in darker environments.
- **Camera Shutter:** Ensure your privacy with a visible shutter that turns off your PC's camera.
- **Microphone mute:** Enjoy greater peace of mind with a dedicated mic mute button that you can easily activate and know it's on or off with an LED indicator light.
- **Detects when to hibernate:** Your laptop automatically detects when placed in a carrying bag and goes into hibernation to prevent battery drain and overheating.

Created with the planet in mind

HP is dedicated to driving progress toward a more sustainable future and making responsible choices for the environment and our customers. We are innovating new ways to reduce the amount of materials in our products and packaging—and to use more recycled materials in their design. Together we can make a difference.

The HP ENVY x360 16 inch 2-in-1 Laptop PC is built with the future in mind, using environmentally conscious and recycled materials.

- Up to 20% post-consumer recycled plastic in keyboard caps, scissors, bezel and speaker enclosures
- Up to 55% recycled metal in cover, base, keyboard deck, hinge caps and keyboard support plate
- Packaged with 100% sustainably sourced FSC certified, plastic-free packaging
- ENERGY STAR® Certified
- EPEAT Gold Climate+^(27a)

Warranty and support

Our Customer Support Team consistently provides quick, responsive assistance in the U.S., Canada and Latin America.

Included with your product:

- **HP's Hardware Limited Warranty:** Full warranty details are included with your product.
- **Technical Support for Software & initial set-up:** Warranty details are included with your product.

Support Options:

- **HP Support Assistant - HPSA:** Optimized to enhance your support experience. Help for your PC and HP printers whenever you need it.⁽⁵⁶⁾
- **Online Support:** For technical support with this product, visit HP Customer Support <http://support.hp.com>.⁽⁹⁾
- **Social Media Support:** To find solutions, ask questions, and share tips, join us on the HP Support Community at community.hp.com, on Twitter at twitter.com/HPsupport, and Facebook at facebook.com/HPsupport.⁽⁹⁾



Specifications

Operating system	• Windows 11 Home ⁽¹⁾
Processor	• Intel® Core™ Ultra 7 155U ^(2b) • 12-Core
Processor speed	• Up to 4.8 GHz with Intel® Turbo Boost Technology ^(2g)
Processor cache	• 12 MB L3 cache
Memory	• 16 GB LPDDR5-6400 MHz RAM (onboard)
Video graphics	• Intel® Graphics ⁽¹⁴⁾
Internal storage	• 1 TB PCIe® Gen4 NVMe™ M.2 SSD ^{(15)(58b)}
Finish and features	• Top cover: glacier silver aluminum with a sandblasted anodized finish • Keyboard deck: glacier silver aluminum with a sandblasted anodized finish
Camera	• 5MP IR camera with temporal noise reduction and integrated dual array digital microphones ^{(89)(89b)}
Display	• 16-inch diagonal, WUXGA (1920 x 1200), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, 300 nits, 62.5% sRGB ⁽²⁰⁾⁽³⁵⁾
Screen to body ratio	• 90.7% ⁽⁴⁰⁾
Wireless connectivity	• Wi-Fi 6E (2x2) ^(19c) and Bluetooth® 5.3 wireless card ⁽²⁵⁾⁽²⁶⁾ (supporting gigabit data rate) ^(7e)
Sound	• Poly Studio with dual speakers
Integrated keyboard	• Full-size, backlit, soft grey keyboard • HP Imagepad
External notebook ports	• 1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1, HP Sleep and Charge) ⁽⁴²⁾⁽⁵⁰⁾⁽⁵¹⁾⁽⁶⁴⁾ • 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge) ⁽⁴²⁾⁽⁵⁰⁾⁽⁶⁴⁾ • 1 USB Type-A 10Gbps signaling rate (HP Sleep and Charge) ⁽⁶⁴⁾ • 1 USB Type-A 10Gbps signaling rate • 1 Headphone/microphone combo • 1 HDMI 2.1
Dimensions	• Unpackaged: 14.04 in (W) x 9.68 in (D) x 0.72 in (H) • Packaged: 16.93 in (L) x 3.15 in (W) x 12.4 in (H)
Weight	• Unpackaged: 4.14 lb ⁽⁷⁶⁾ • Packaged: 6.57 lb
Security	• Camera privacy shutter • Mic mute key
Power	• 4-cell 68 Wh Li-ion polymer battery ⁽²¹⁾ • 65 W USB Type-C® power adapter ⁽⁴²⁾
Warranty and support	• 1-year limited hardware warranty. Additional information available at www.support.hp.com ⁽⁹⁾ • 1-year limited technical support for software and initial setup (from date of purchase) ⁽⁵³⁾

Software and technology

Help and support	• HP Support Assistant: Included with your computer, this free self-help tool makes it easier than ever to get help with your HP PC and printers. ⁽⁵⁶⁾ • myHP: Customize, optimize, and secure your device with tips and tricks and easy-to-access settings, and receive helpful messages and information to keep things running smoothly.
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Learn more at hp.com

Security and protection	• HP BIOS Protection: Get peace of mind knowing your PC BIOS is protected. HP BIOS Protection automatically checks its health and recovers itself. ⁽²³⁾
Partner offers	• 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. Create anything you can imagine – photos, videos, graphics, webpages, PDFs, and more. Get started with the app that best fits your need. ^(88a) • Dropbox cloud storage: Store and synchronize your content online with Dropbox. Get 100GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access. ⁽⁹⁾⁽²²⁾ • 1-month of Xbox Game Pass Ultimate included: Unlimited access to over 100 high-quality PC games for 1-month. ⁽⁶⁰⁾ • McAfee 30-day trial: Secure your privacy and data when browsing on public Wi-Fi with VPN, included in your free McAfee 30-day trial. ⁽⁸⁾⁽⁹⁾
System performance	• Smart Sense: Performance, external temperature, and fan noise adapt automatically for the best setting. • HP Connection Optimizer: Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points. ⁽⁹⁾
Work and lifestyle	• HP Enhanced Lighting: Easily enhance brightness, color and lighting effects to look your best during video calls with integrated HP Enhanced Lighting app. • AI Noise Removal: Artificial intelligence technology automatically removes background noise for clearer than ever video chats, audio calls, and recordings. • Windows Studio Effects: Experience next generation video calls enabled by AI. Keep everyone in view with automatic framing while staying connected with eye contact. Experience better privacy with background blur and choose optional portrait effect to soften background and have an aesthetic look. • Otter.ai: Record, transcribe, and summarize your meetings with Otter.ai. With Otter.ai, an AI assistant can record audio, write notes, automatically capture slides, and generate meeting summaries so that you can save time and stay organized. • Windows CoPilot with CoPilot key: Kickstart your creativity and productivity with Copilot in Windows. Now with a key that lets you access this AI-powered intelligent assistant tool with a single press of a button. ⁽⁴¹⁾ • Intel® Unison™: Unlock your connected world. Intel® Unison™ effortlessly connects your PC and choice of phone for a universal, easy to use experience. Now with UniFeed, Universal Control, and Device Support, Unison™ connects you further.
Gaming and entertainment	• DTS:X® Ultra technology: By producing authentic, spatially accurate 3D sound, this technology gives games, movies, and music a level of depth and immersion for the best entertainment experience possible. • OMEN Gaming Hub: Your one place for everything to make your gaming experience better. From software enhancements to hardware control, and live services, OMEN Gaming Hub elevates play in an easy and simple way.
Additional information	
Product number	• 951RGUA#ABA
Ad embargo date	• 04/07/2024
UPC Code	• 198122036547
Country of origin	• China
Pallet information	• Dimensions: 47.24 in (L) x 39.37 in (W) x 43.7 in (H) • Total weight: 625 lb • Layers: 3 • Products per layer: 30

⁽¹⁾ 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>. ^(2b) 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. Intel, Pentium, Intel Core, Xeleron, Iris Xe, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries. ^(2g) Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See intel.com/technology/turboboost for more information. GHz refers to internal clock speed of the processor. Other factors besides clock speed may impact system and application performance. ^(7e) 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. ⁽⁸⁾ McAfee is preinstalled 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 and the McAfee logo are trademarks or registered trademarks of McAfee, Inc. in the United States and other countries. ⁽⁹⁾ Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. ⁽¹²⁾ Graphics output may be limited based on the maximum resolution of the display. ⁽¹⁴⁾ Shared video memory (UMA) uses part of the total system memory for video performance. System memory dedicated to video performance is not available for other use by other programs. ⁽¹⁵⁾ Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. ^(19c) 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. ⁽²⁰⁾ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ⁽²¹⁾ 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. ⁽²²⁾ 100GB 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 dropbox.com. Internet service required and not included. ⁽²³⁾ HP BIOS Protection works with Windows 11 that ships with your PC. ⁽²⁵⁾ 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. ⁽²⁶⁾ Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. ^(27a) See www.epcat.net for registration status and tier levels by country. ⁽³³⁾ WUXGA content required to view WUXGA images. ⁽⁴⁰⁾ Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk. ⁽⁴¹⁾ Use with supported devices; functionality varies by device and market. See <http://aka.ms/WindowsAIFeatures>. ⁽⁴²⁾ USB Type-C® and USB-C® are trademarks of USB Implementers Forum. ⁽⁴³⁾ Actual throughput may vary. ⁽⁵⁰⁾ DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. ⁽⁵¹⁾ Thunderbolt is a trademark of Intel Corporation or its subsidiaries in the U.S. and/or other countries. ⁽⁵³⁾ 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. ⁽⁵⁶⁾ 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. ^(58b) Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD. ⁽⁶⁰⁾ 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. ⁽⁶⁴⁾ For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device. ⁽⁷⁶⁾ Weight and system dimensions may fluctuate due to configuration and manufacturing variances. ⁽⁷⁸⁾ 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. ^(88a) 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 transferable. 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. ⁽⁸⁹⁾ Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included. ^(89b) Camera resolution refers to the image sensor active pixels. The actual image capture pixels and aspect ratio depend on the app selected. Actual product may vary from image shown on datasheet. © Copyright 2024 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing shall be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. All other trademarks are property of their respective owners. 02/9/2024_r6 tg

