

HP ENVY x360 Convertible 15-es2508dx



Power to create in perfect color

The ENVY x360 2-in-1 PC gives you the power, precise color and features that you need to bring your creativity to life plus innovative privacy features to keep your ideas safe.

Product overview

- **See and do it all in perfect color:** Bring it to life your way. The ENVY x360 gives you a dazzling FHD screen with Delta E less than 2 color accuracy and more ways to make your masterpiece with HP Quick Drop file sharing.⁽²⁰⁾⁽³⁹⁾
- **Power to set your creativity free:** The powerful Intel® Core™ processor and Iris® X graphics makes bringing your creative vision to life incredibly fast and Smart Sense automatically adjusts your PC's power for optimal performance.
- **Peace of mind at your fingertips:** Keep it confidential with privacy camera shutter key to turn camera off and a mute mic button for private conversations.

Key specifications

- **Operating system:** Windows 11 Home⁽¹⁾
- **Processor:** Intel® Evo™ platform powered by 12th Generation Intel® Core™ i7-1260P^(2b)
- **Display:** 15.6-inch diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge⁽³⁹⁾
- **Memory:** 16 GB DDR4-3200 MHz RAM (2 x 8 GB)
- **Internal storage:** 512 GB PCIe® Gen4 NVMe™ M.2 SSD^{(15)(58b)}
- **Graphics:** Intel® Iris® X graphics^{(14)(14a)}
- **Sound:** Audio by Bang & Olufsen with dual speakers
- **Battery life:**
 - Up to 12 hours and 30 minutes (mixed usage)⁽⁸⁵⁾
 - Up to 17 hours and 45 minutes (video playback)⁽⁷⁵⁾
 - Up to 13 hours (wireless streaming)⁽⁸⁰⁾
- **Wireless:** Wi-Fi 6E (2x2)^(19c) and Bluetooth® 5.3 wireless card⁽²⁵⁾⁽²⁶⁾ (supporting gigabit data rate)^(7d)
- **Security:** Fingerprint reader, camera shutter key, mic mute key
- **Camera:** HP Wide Vision 720p HD camera with camera shutter, temporal noise reduction and integrated dual array digital microphones^{(89)(89b)}
- **Product weight:** 4.02 lb⁽⁷⁶⁾
- **Keyboard:** Full-size, backlit, natural silver keyboard
- **Included:** 65W USB Type-C® power adapter

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⁾
- **A dynamic processor that adapts to you for superior multi-tasking performance:** 12th Gen Intel® Core™ processor distributes performance where you need it the most — saving you time and increasing your ability to do the things you actually want.
- **Exceptional experience, anywhere:** Intel® Evo™ brings you a premium thin and light laptop experience with an ideal combination of performance, consistent responsiveness, and long-lasting battery. Enjoy built-in intelligence features like noise suppression, so you can collaborate seamlessly and confidently.
- **Intel® Iris® X graphics:** Impressive performance for creating, gaming, and entertainment. A new level of graphics performance and crisp, stunning visuals — with the convenience of a thin & light laptop.
- **Edge-to-edge FHD touchscreen:** Get expansive, vibrant images and control your entertainment right from the screen.
- **HP Fast Charge:** Go from 0 to 50% charge in approximately 30 minutes.⁽⁷²⁾
- **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.^{(19c)(25)(26)}

Additional product features

- **Fingerprint reader:** Seamlessly log in to your device in any position with the touch of your finger. Patented 3-D fingerprint technology ensures secure access.⁽⁹⁾
- **All-in-One Keyboard:** Control your privacy, security and multimedia hotkeys in one area.
- **Camera Shutter:** Ensure your privacy with a visible shutter that turns off your PC's camera.
- **HP Wide Vision HD Camera:** 88-degree, wide-angle field of view for video chats with the whole family.⁽⁸⁹⁾
- **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.⁽¹²⁾⁽⁴³⁾
- **PCIe® NVMe™ SSD storage:** Get up to 12.8x faster performance than a SATA SSD.^(58b)
- **An exceptionally rich audio experience:** HP Dual Speakers, HP Audio Boost, and expert tuning by Bang & Olufsen bring audio perfection to your PC.

Product design

- **360° geared hinge:** Innovatively engineered to rotate 360 degrees so that you can use your device in four positions. Work in laptop position, watch in reverse position, play in tent position, and go in tablet position.
- **Optimized metal design:** Streamlined, metal design delivers a thinner, lighter PC with greater durability.
- **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.
- **Full-size backlit keyboard:** Work comfortably in darker environments with a full-sized keyboard and integrated numeric pad.

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.

- Built with the environment in mind, this laptop is designed using sustainable materials like:
 - Ocean-bound plastic in speaker enclosures^(63d)
 - Keyboard keycaps made with post-consumer recycled plastic^(63b)
 - Cover, base and keyboard deck made from recycled metal^(63d)
- HP's outer boxes and fiber cushions used in packaging are 100% sustainably sourced and recyclable.^(63e)
- ENERGY STAR® certified⁽⁶²⁾
- EPEAT® Gold registered⁽²⁷⁾

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⁾



AUDIO BY
BANG & OLUFSEN

Specifications

Operating system	• Windows 11 Home ⁽¹⁾
Processor	• Intel® Evo™ platform powered by 12th Generation Intel® Core™ i7-1260P ^(2a) • 12-Core
Processor speed	• Up to 4.7 GHz with Intel® Turbo Boost Technology ^(2a)
Processor cache	• 18 MB L3 cache
Memory	• 16 GB DDR4-3200 MHz RAM (2 x 8 GB)
Accessible memory slots	• Memory slot not user accessible
Video graphics	• Intel® Iris® Xe Graphics ^{(14)(14a)}
Internal storage	• 512 GB PCIe® Gen4 NVMe™ M.2 SSD ^{(15)(58a)}
Finish and features	• Top cover: natural silver aluminum with a sandblasted anodized finish • Keyboard deck: natural silver aluminum with a sandblasted anodized finish
Camera	• HP Wide Vision 720p HD camera with camera shutter, temporal noise reduction and integrated dual array digital microphones ^{(8)(9)(98a)}
Display	• 15.6-inch diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, 400 nits, 100% sRGB ^{(2)(3)(3a)}
Screen to body ratio	• 88.6% ^(4a)
Wireless connectivity	• Wi-Fi 6E (2x2) ^{(1)(3a)} and Bluetooth® 5.3 wireless card ⁽²⁵⁾⁽²⁶⁾ (supporting gigabit data rate) ^{(7)(e)}
Digital media	• 1 Multi-format SD media card reader
Sound	• Audio by Bang & Olufsen with dual speakers
Integrated keyboard	• Full-size, backlit, natural silver keyboard • HP Imagepad
External notebook ports	• 1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge) ^{(42)(50)(136a)} • 1 USB Type-A 10Gbps signaling rate (HP Sleep and Charge) ⁽⁵⁴⁾ • 1 USB Type-A 10Gbps signaling rate • 1 Headphone/microphone combo • 1 AC Smart pin • 1 HDMI 2.1
Dimensions	• Unpackaged: 14.13 in (W) x 8.98 in (D) x 0.72 in (H) • Packaged: 20.47 in (L) x 2.72 in (W) x 12.01 in (H)
Weight	• Unpackaged: 4.02 lb ^(7a) • Packaged: 6.92 lb
What's in the box	• 65W USB Type-C® power adapter
Security	• Fingerprint reader • All-in-One Keyboard: Support power button, HP hotkey, camera shutter key, mic mute key, and fingerprint reader in keyboard area.
Power	• 3-cell, 51 Wh Li-ion polymer battery ⁽²¹⁾ • 65 W AC power adapter
Battery life	• Up to 12 hours and 30 minutes (mixed usage) ⁽⁸⁾⁽⁵⁾ • Up to 17 hours and 45 minutes (video playback) ⁽⁷⁾⁽⁵⁾ • Up to 13 hours (wireless streaming) ⁽⁸⁾⁽⁵⁾
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) ⁽⁷⁾⁽⁵⁾

Learn more at [hp.com](#)

⁽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>. ^(2a) 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, Celeron, Iris Xe, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries. ^(2a) 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. ^(7a) 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⁾ Internet access required and not included. Subscription required after 30 days trial period. McAfee, LiveSafe 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. ^(14a) Intel® Iris® Xe Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® Xe Graphics with Intel® Core™ i5 or i7 processors and single channel memory will only function as Intel® UHD Graphics. ⁽¹⁵⁾ Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. ⁽¹⁸⁾ Duet for HP is preinstalled on this PC. Unlock use on secondary devices by downloading the app from the iOS or Google Play store and connect to your PC. Pen/touch input from a secondary device requires upgrade to the Duet Pro version, available for purchase through the Duet for HP app. ^(19a) 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. ⁽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. ⁽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. ⁽³⁰⁾ Full High Definition (FHD) content is required to view FHD images. ⁽⁴⁰⁾ Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk. ⁽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. ^(58a) Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially read compared to SATA SSD. ⁽⁶²⁾ ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. ^(63a) Percentage of post-consumer recycled plastic contained in keycaps varies by product. ^(63b) Percentage of ocean-bound plastic contained in each component varies by product. ^(63b) Percentage of recycled metal varies by product. ^(63a) 100% outer box/corrugate cushion packaging made from sustainably sourced certified and recycled fibers. Plastic cushions made from 100% recycled wood fiber and organic material. Excludes plastic bags and plastic foam sheeting. ⁽⁶⁴⁾ For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device. ⁽⁷²⁾ Recharge 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. ⁽⁷⁵⁾ Battery life tested by HP using continuous FHD video playback, 1080p (1920x1080) resolution, 200 nits brightness, system audio level 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. ⁽⁷⁹⁾ Weight and system dimensions may fluctuate due to configuration and manufacturing variances. ⁽⁸⁰⁾ Battery life tested by HP using continuous Netflix video playback, Microsoft Edge Browser, 200 nits brightness, system audio level as image default, headphone attached or through speaker (if no audio jack port), played full-screen, wireless on. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage. ⁽⁸⁵⁾ Windows MobileMark 18 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 bapco.com/products/mobilemark-2018/ for additional details. ^(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 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. ⁽⁸⁹⁾ Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included. ^(89a) Camera resolution refers to the image sensor active pixels. The actual image capture pixels depend on the app and/or aspect ratio selected. ⁽⁹⁰⁾ 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. Actual product may vary from image shown on datasheet. © Copyright 2023 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. 06/29/2023_r2_kc

Software and technology

Help and support	• myHP: myHP provides a simple setup and registration experience that welcomes you to your new HP PC. 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. • 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. ^(5a)
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. ⁽⁴²⁾ • Fingerprint reader: Securely log in with a touch of your finger. ⁽⁸⁾
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. ⁽⁸⁾⁽²²⁾ • McAfee LiveSafe™: Protect your operating system with a free 30-day McAfee LiveSafe™ trial. ⁽⁸⁾
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. ⁽⁸⁾ • HP Command Center: This simple utility puts you in control, allowing you to optimize and customize performance while supporting modes help to maximize your PC's efficiency.
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. • Duet® for HP: Use your tablet, phone, or another PC as a secondary display to expand your working space. ⁽¹⁸⁾ • AI Noise Removal: Artificial intelligence technology automatically removes background noise for clearer than ever video chats, audio calls, and recordings. • Intel® Unison™: Unlock your connected world and enjoy the freedom to work across operating systems. Intel® Unison™ seamlessly connects your PC and devices for a universal, easy to use experience. ⁽⁹⁰⁾
Gaming and entertainment	• 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	• 8L3A9UA#ABA
Ad embargo date	• 08/13/2023
UPC Code	• 197497833270
Country of origin	• China
Pallet information	• Dimensions: 47.04 in (L) x 39.37 in (W) x 41.13 in (H) • Total weight: 655.0 lb • Layers: 3 • Products per layer: 29

