

HP ENVY x360 Convertible 15m-ee0023dx



Made to follow your creative lead

Create on-the-go with the versatility of a 360° hinge, the power of a vibrant, 15-inch diagonal screen, a long battery life and peace of mind privacy features.

Product overview

- **The power to bring your creations to life:** With a powerful AMD Ryzen™ processor and Radeon™ graphics, a long battery life, ample SSD storage and HP Command Center, your creative possibilities are endless.
- **Thoughtfully designed:** The vivid, Full HD, micro-edge display ensures colors are vibrant and accurate.⁽³⁾⁽⁹⁾ The 360 degree hinge adapts so you can capture every intricate sketch with precision.
- **Privacy for your peace of mind:** Keep it confidential. Use the unhackable camera shutter to ensure your privacy and the dedicated microphone mute button to keep your conversations private.

Key specifications

- **Operating system:** Windows 10 Home⁽¹⁾
- **Processor:** AMD Ryzen™ 7 4700U^(2a)
- **Display:** 15.6-inch diagonal FHD IPS micro-edge WLED-backlit multitouch-enabled edge-to-edge glass⁽³⁾⁽⁹⁾
- **Memory:** 8 GB DDR4-3200 SDRAM (2 X 4 GB)
- **Internal storage:** 512 GB PCIe® NVMe™ M.2 SSD^{(1)(5)(58b)}
- **Graphics:** AMD Radeon™ Graphics⁽¹⁾⁽⁴⁾
- **Sound:** Audio by Bang & Olufsen with three speakers
- **Wireless:** Intel® Wi-Fi 6 AX 200 (2x2) and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds)⁽⁷⁾⁽¹⁹⁾⁽²⁶⁾
- **Camera:** HP Wide Vision HD Camera with camera shutter and integrated dual array digital microphone⁽⁸⁾⁽⁹⁾
- **Product weight:** 4.42 lb⁽⁷⁾⁽⁶⁾
- **Keyboard:** Full-size island-style backlit nightfall black keyboard with numeric keypad

Product features

- **Windows 10 Home:** Do great things confidently with the familiar feel of Windows - only better.⁽¹⁾
- **AMD Ryzen™ Mobile Processor:** Uplift your performance and multitask seamlessly with accelerated power and efficiency, while enjoying stunning HD visuals.
- **AMD Radeon™ graphics:** Whether it's games or movies, experience high performance for all your entertainment.
- **PCIe® NVMe™ SSD storage:** Get up to 15x faster performance than a traditional hard drive.^(58b)
- **HP Fast Charge:** Go from 0 to 50% charge in approximately 30 minutes.⁽⁷⁾⁽²⁾
- **360° geared hinge:** Innovatively engineered to rotate 360° so that you can use your device in four modes.
- **All-in-One Keyboard:** Control your privacy, security and multimedia with the touch of a button. With all your hotkeys in one area, seamlessly navigate with no distractions.
- **Camera Shutter:** Ensure your privacy with a visible shutter that turns off your PC's camera.
- **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⁾
- **Micro-edge display:** The barely visible bezel revolutionizes your display by letting a larger screen fit into a smaller frame.

Additional product features

- **Effortlessly connected:** Enjoy a smoother wireless experience with Wi-Fi 6 (2x2) and Bluetooth® 5.0 combo, all your connections are solid and up to 3x faster file transfer speeds than Wi-Fi 5.⁽¹⁾⁽⁹⁾⁽¹⁹⁾⁽²⁶⁾
- **HP Wide Vision HD Camera:** 88-degree, wide-angle field of view for video chats with the whole family.⁽⁸⁾⁽⁹⁾
- **Gigabit Wi-Fi:** Ultra-fast Wi-Fi supporting gigabit speeds.⁽⁷⁾⁽¹⁹⁾
- **MU-MIMO supported:** Pair with a MU-MIMO router for a smoother online experience in multi-device homes.
- **An exceptionally rich audio experience:** HP Speakers, custom-tuned by experts at Bang & Olufsen, awaken your senses with PC audio perfection.
- **Edge-to-edge backlit keyboard:** Keep going comfortably even in darker environments.
- **McAfee LiveSafe™:** Protect your operating system with a free 30-day McAfee LiveSafe™ trial.⁽⁸⁾

Energy efficiency your way

- HP is committed to global citizenship and environmental responsibility. Do the environment—and your wallet—a favor when you use the HP ENVY x360 that meets strict energy-efficiency and helps reduce your carbon footprint.
- ENERGY STAR® certified⁽⁶⁾⁽²⁾
 - EPEAT® Silver registered⁽²⁾⁽⁷⁾
 - Low Halogen⁽⁶⁾⁽¹⁾
 - Mercury-free display backlights
 - Arsenic-free display glass

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.⁽⁵⁾⁽⁶⁾
- **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 10 Home ⁽¹⁾
Processor	• AMD Ryzen™ 7 4700U ^(2a)
Processor speed	• 2.0 GHz base clock, up to 4.2 GHz max boost clock ^(2d)
Processor cache	• 4 MB L2 cache
Memory	• 8 GB DDR4-3200 SDRAM (2 X 4 GB)
Accessible memory slots	• Memory slot not user accessible
Video graphics	• AMD Radeon™ Graphics ⁽¹⁴⁾
Internal storage	• 512 GB PCIe® NVMe™ M.2 SSD ^{(15)(58b)}
Finish and features	• Top cover: Nightfall black aluminum with a sandblasted anodized finish • Keyboard deck: Nightfall black aluminum with a sandblasted anodized finish
Camera	• HP Wide Vision HD Camera with camera shutter and integrated dual array digital microphone ⁽⁸⁹⁾
Display	• 15.6-inch diagonal FHD IPS micro-edge WLED-backlit multitouch-enabled edge-to-edge glass, 250 nits, 45% NTSC (1920 x 1080) ⁽²⁰⁾⁽²³⁹⁾
Screen to body ratio	• 88% ⁽⁴⁰⁾
Wireless connectivity	• Intel® Wi-Fi 6 AX 200 (2x2) and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds) ^{(7)(19e)(26)} • MU-MIMO supported
Digital media	• Multi-format SD media card reader
Sound	• Audio by Bang & Olufsen with three speakers
Integrated keyboard	• Full-size, island-style, backlit, nightfall black keyboard with numeric keypad • HP Imagepad with multi-touch gesture support
External notebook ports	• 1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge) ⁽⁴²⁾⁽⁵⁰⁾ • 1 SuperSpeed USB Type-A 5Gbps signaling rate (HP Sleep and Charge) • 1 SuperSpeed USB Type-A 5Gbps signaling rate • 1 AC Smart pin • 1 Headphone/microphone combo • 1 HDMI 2.0
Dimensions	• Unpackaged: 14.09 in (W) x 9.06 in (D) x 0.74 in (H) • Packaged: 20.47 in (L) x 2.72 in (W) x 12.01 in (H)
Weight	• Unpackaged: 4.42 lb ⁽⁷⁶⁾ • Packaged: 6.30 lb
Security	• Fingerprint reader • All-in-One Keyboard: Support power button, HP Command Center hotkey, Camera Shutter key, Mic Mute key, and fingerprint reader in keyboard area.
Power	• 3-cell, 51 Wh Li-ion polymer • 65 W Smart AC power adapter
Warranty and support	• 1-year limited hardware warranty. Additional information available at www.support.hp.com ⁽⁹⁾ • 90 days limited technical support for software and initial setup (from date of purchase) ⁽⁵³⁾

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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.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. AMD's numbering is not a measurement of clock speed. AMD and Radeon are trademarks of Advanced Micro Devices, Inc. ^(2d) Max Boost clock frequency performance varies depending on hardware, software and overall system configuration. GHz refers to internal clock speed of the processor. Other factors besides clock speed may impact system and application performance. ⁽⁷⁾ Wi-Fi supporting gigabit speeds is achievable when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels. ⁽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. ⁽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. ⁽¹⁹⁾ Wireless access point and internet access required and not included. Availability of public wireless access points is limited. ^(19e) Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other Wi-Fi 6 devices. Only available in countries where 802.11ax is supported. ^(19g) Based on Wi-Fi 5 80MHz and Wi-Fi 6 160MHz minimum requirements when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 802.11ax (Wi-Fi 6). Only available in countries where 802.11ax is supported. ⁽²⁰⁾ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ⁽²²⁾ New Dropbox users are eligible to get 25 GB of Dropbox space free for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at www.dropbox.com. ⁽²³⁾ Detects BIOS damage and recovers last settings. ⁽²⁶⁾ Bluetooth® is a trademark owned by its proprietor and used by Hewlett-Packard Company under license. ⁽²⁷⁾ EPEAT® Silver registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options. ⁽³⁹⁾ 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. ⁽⁵⁰⁾ DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. ⁽⁵³⁾ Call 1.800.474.6836 or www.support.hp.com for more information on Care Packs available after 90 days. After 90 days, an incident fee may apply. ⁽⁵⁴⁾ For more information visit <http://www.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. ⁽⁶¹⁾ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen. ⁽⁶²⁾ ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. ⁽⁶⁶⁾ Alexa home supported devices are not included and must be purchased separately. ⁽⁷²⁾ 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. ⁽⁷⁶⁾ Weight and system dimensions may fluctuate due to configuration and manufacturing variances. ⁽⁸⁹⁾ Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included. Actual product may vary from image shown on datasheet. © Copyright 2020 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. All other trademarks are property of their respective owners. 03/23/2020_r5 kc

Software

HP help and support	<ul style="list-style-type: none"> • HP BIOS Protection: Get peace of mind knowing your PC BIOS is protected. HP BIOS Protection automatically checks its health and recovers itself.⁽²³⁾ • HP Jumpstarts: Get access to great HP solutions and learn about valuable features that come with your new HP PC. • 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⁾
Books, music, photos and videos	<ul style="list-style-type: none"> • Netflix: Watch movies and TV on your PC with subscription.⁽⁹⁾
Productivity and tools	<ul style="list-style-type: none"> • Amazon Alexa voice service: Hands-free access to Amazon Alexa on your PC, including more than 50K skills.⁽⁶⁶⁾ • HP Audio Switch: Easily switch between speaker and microphone sources with intuitive controls and a consistent app experience. • HP QuickDrop: This bridge between your PC and mobile device lets you share mobile content right to your PC with a simple, secure Wi-Fi connection.⁽⁹⁾ • HP Command Center: Customize performance, fan speed and noise, and external temperature—all to meet your needs. • HP Connection Optimizer: Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points.⁽⁹⁾ • Dropbox cloud storage: Store and synchronize your content online with Dropbox. Get 25GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access.⁽⁹⁾⁽²²⁾
Security and protection	<ul style="list-style-type: none"> • Fingerprint reader: Securely log in with a touch of your finger. • McAfee LiveSafe™: Protect your operating system with a free 30-day McAfee LiveSafe™ trial.⁽⁸⁾

Additional Information

Product number	• 9TY28UA#ABA
Ad embargo date	• 06/07/2020
UPC Code	• 194721963840
Country of origin	• China
Tariff number	• 8471300000
Pallet information	<ul style="list-style-type: none"> • Dimensions: • Total weight: 582.00 lb • Layers: 3 • Products per layer: 29
Battery regulatory data	<ul style="list-style-type: none"> • Transportation or storage regulations: Y • UN# and proper shipping name: UN3481 - Lithium ion batteries packed with equipment • Number of batteries: 1 • Primary battery regulated material: 210g • Primary battery watt hours: 51 • Applicable CPSC regulations: N

