

HP ENVY x360 Convertible 15m-cp0012dx



The power to create with confidence

Inspiration can strike anytime, anywhere, and with the ENVY x360 you're ready to take your ideas to the next level. Get ready to create from any angle with a touchscreen, full-size keyboard, and rock-solid security.

Product overview

- **Perform at a higher level:** Tap into truly impressive notebook performance with AMD® Ryzen™ and Radeon™ Vega graphics.
- **Highly intuitive creation:** Intuitive interaction thanks to pen and touch support on Windows Ink—easily log in by FHD IR camera.
- **Elevated entertainment:** Enjoy immersive entertainment on an ultra-bright Full HD display with dual HP Speakers and Audio by Bang & Olufsen.⁽⁶⁹⁾

Key specifications

- **Operating system:** Windows 10 Home⁽¹⁾
- **Processor:** AMD Ryzen™ 7 2700U Processor^(2a)
- **Display:** 15.6-inch diagonal FHD⁽³⁹⁾ IPS micro-edge WLED-backlit multitouch-enabled edge-to-edge glass (1920 x 1080)
- **Memory:** 8 GB DDR4-2400 SDRAM (1 x 8 GB)
- **Internal storage:** 256 GB PCIe® NVMe™ M.2 Solid State Drive⁽¹⁵⁾⁽⁵⁸⁾
- **Graphics:** AMD Radeon™ RX Vega 10 Graphics⁽¹⁴⁾
- **Audio:** Bang & Olufsen with dual speakers
- **Battery life:**
 - Up to 10 hours and 30 minutes (mixed usage)⁽⁷⁰⁾
 - Up to 8 hours (video playback)⁽⁷⁵⁾
 - Up to 7 hours (wireless streaming)⁽⁸⁰⁾
- **Wireless:** 802.11b/g/n/ac^(19a) (2x2) Wi-Fi and Bluetooth® 4.2 combo (MU-MIMO supported)
- **Webcam:** Front-facing HP Wide Vision FHD IR Webcam with integrated dual array digital microphones⁽⁶⁹⁾
- **Product weight:** 4.49 lb⁽⁷⁶⁾
- **Keyboard:** Full-size island-style backlit keyboard with numeric keypad

Product features

- **Windows 10 Home:** Do great things with Windows Hello and Cortana.⁽¹⁾⁽⁶⁰⁾
- **AMD Ryzen™ 7 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.
- **PCIe SSD storage:** PCIe solid state storage with up to 17x faster performance than a traditional notebook hard drive.⁽⁵⁸⁾
- **HP Fast Charge:** Go from 0 to 50% charge in approximately 45 minutes.⁽⁷⁸⁾
- **Liberating battery life:** Take on the day without worrying about recharging.
- **Micro-edge display with edge-to-edge keyboard:** This beautifully efficient design couples an ultra-thin bezel with an edge-to-edge keyboard, maximizing display and keyboard area.
- **Full HD IPS touchscreen:** Control your entertainment right from the screen and get crystal-clear quality with 178° wide-viewing angles.⁽³⁹⁾
- **HP Wide Vision FHD IR camera:** Easily log in through Windows Hello and video chat with an 88-degree wide-angle field of view.⁽⁶⁹⁾
- **Rock-solid connections:** With the latest 802.11 a/c (2x2) WiFi adapter and Bluetooth® 4.2, all your connections are rock solid and up to 6 times faster than 802.11n 1x1.^{(18)(19a)(26)}

Additional product features

- **MU-MIMO supported:** Pair with a MU-MIMO router for a smoother online experience in multi-device homes.
- **Like putting pen to paper:** Write and draw naturally with fluid, more accurate ink strokes. And palm rejection technology prevents unintentional inking and includes reduced lag when writing.⁽⁸⁴⁾
- **Dual 4K support:** Easily connect two external 4K displays for a more immersive experience.
- **360° geared hinge:** Innovatively engineered to rotate 360° so that you can use your device in four modes.
- **Island-style backlit keyboard:** Work comfortably in darker environments with a full-sized keyboard with numeric keypad.
- **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 Convertible that meets strict energy-efficiency and helps reduce your carbon footprint.

- ENERGY STAR® certified⁽⁶²⁾
- EPEAT® Silver registered⁽²⁷⁾
- Low Halogen⁽⁶¹⁾
- Mercury-free display backlights
- Arsenic-free display glass
- All HP computing products are delivered by SmartWay carriers.⁽⁶³⁾
- Recycled Packaging: Count on easy recycling every time. HP designs products and packaging that can be conveniently recycled or reused.⁽³¹⁾

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⁾⁽⁵⁷⁾
- **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 Forum at hp.com/go/supportforum, on Twitter at twitter.com/HPsupport, and Facebook at facebook.com/HPsupport.⁽⁹⁾



BANG & OLUFSEN AUDIO



Specifications

Operating system	• Windows 10 Home ⁽¹⁾
Processor	• AMD Ryzen™ 7 2700U Processor ^(2a) • Quad-Core
Processor speed	• 2 GHz base frequency, up to 3.8 GHz burst frequency ^(2c)
Processor cache	• 6 MB cache
Memory	• 8 GB DDR4-2400 SDRAM (1 x 8 GB)
Accessible memory slots	• Memory slot not user accessible
Video graphics	• AMD Radeon™ RX Vega 10 Graphics ⁽¹⁴⁾
Internal storage	• 256 GB PCIe® NVMe™ M.2 Solid State Drive ⁽¹⁵⁾⁽⁵⁸⁾
Finish and features	• HP finish in dark ash silver with a tinted sandblasted finish • Front-facing HP Wide Vision FHD IR Webcam with integrated dual array digital microphones ⁽⁶⁹⁾
Display	• 15.6-inch diagonal FHD ⁽³⁹⁾ IPS micro-edge WLED-backlit multitouch-enabled edge-to-edge glass (1920 x 1080)
Wireless connectivity	• 802.11b/g/n/ac ^(19a) (2x2) Wi-Fi and Bluetooth® ⁽²⁶⁾ 4.2 combo (MU-MIMO supported)
Digital media	• Micro SD media card reader
Audio	• Bang & Olufsen with dual speakers
Keyboard	• Full-size island-style backlit keyboard with numeric keypad
Pointing device	• HP Imagepad with multi-touch gesture support
External notebook ports	• 1 USB Type-C™ 3.1 Gen 1 (Data Transfer, DisplayPort™ 1.2, Power Delivery 3.0, HP Sleep & Charge) ⁽⁴¹⁾⁽⁴²⁾⁽⁵⁴⁾ • 2 USB 3.1 Gen 1 (1 HP Sleep and Charge) • 1 HDMI • 1 Headphone/microphone combo
Dimensions	• Unpackaged: 14.13 in (W) x 9.68 in (D) x 0.74 in (H) • Packaged: 20.48 in (L) x 2.72 in (W) x 12.00 in (H)
Weight	• Unpackaged: 4.49 lb ⁽⁷⁶⁾ • Packaged: 6.56 lb
Power	• 65W AC adapter • 3-cell 52.5 Whr polymer/prismatic mix battery
Battery life	• Up to 10 hours and 30 minutes (mixed usage) ⁽⁷⁷⁾ • Up to 8 hours (video playback) ⁽⁷⁵⁾ • Up to 7 hours (wireless streaming) ⁽⁸⁰⁾
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. ^(2b) Burst frequency performance varies depending on hardware, software and overall system configuration. ^(2c) 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. ⁽³⁾ Internet access required and not included. 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. ^(19a) Based on HP internal testing with MP4 playing, clamshell mode, 3 meter distance from wireless access point. Actual results may vary. ^(19b) Wireless access point and Internet service required. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the PC to communicate with other 802.11ac WLAN devices. ⁽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. Internet service required and not included. ⁽²⁶⁾ Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. ⁽²⁷⁾ EPEAT® Silver registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. ⁽³¹⁾ Free recycling in select countries. Program may not be available in your area. Check www.hp.com/go/recycling to see if HP offers free recycling in your area. ⁽³⁹⁾ Full High Definition (FHD) content is required to view FHD images. ⁽⁴¹⁾ Transfer rate may vary. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ⁽⁴²⁾ USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum. ⁽⁴³⁾ 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 hp.com/go/hpsupportassistant [Link will vary outside of the U.S.] HP Support Assistant is available for Android and Windows based PCs. ⁽⁵⁷⁾ Internet connection required for updating and connecting to HP Support. ⁽⁵⁸⁾ Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD. ⁽⁵⁹⁾ Some features including voice supported Cortana, inking, and Continuum require Windows 10 and more advanced hardware. See www.windows.com. Apps and pen sold separately. ⁽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. ⁽⁶³⁾ Designation based on actions to reduce transportation-related emissions. ⁽⁷⁰⁾ Windows 10 MM14 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 <http://www.bapco.com> for additional details. ⁽⁷³⁾ Battery life tested by HP using continuous FHD video playback, 1080p (1920x1080) resolution, 150 nits brightness, system audio level at 17%, player audio level at 100%, played full-screen from local storage, headphone attached, wireless on but not connected. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage. ⁽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. ⁽⁸⁰⁾ Battery life tested by HP using continuous Netflix video playback, Windows 10 Netflix app, 150 nits brightness, system audio level 17%, headphone attached, played full-screen, wireless on. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage. ⁽⁸⁴⁾ HP Pen not included and sold separately. ^(85a) Requires an Internet connection, not included, to an HP web-enabled printer and HP ePrint account registration. For complete details, see www.hp.com/go/mobileprinting ⁽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. © Copyright 2018 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 the property of their respective owners. 03/30_r1 g

Software

HP help and support	• HP Jumpstart: When you boot up your PC for the first time, get a personal walkthrough during the setup and get an informative overview of your PC's features. • 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⁾⁽⁵⁷⁾
Books, music, photos and videos	• Netflix: Watch movies and TV online with subscription. ⁽⁹⁾
Productivity and tools	• HP Connection Optimizer: Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points. ⁽⁹⁾ • Dropbox: Keep your files safe, synced, and easy to share with Dropbox. If you don't have it today, sign up to get 25 GB of Dropbox space free for 12 months to save and access your photos, docs, and videos across all your devices. ⁽²²⁾ • HP ePrint: Wirelessly print from anywhere, anytime, on any HP ePrint-enabled printer. ^(85a) • HP Audio Switch: Easily switch between speaker and microphone sources with intuitive controls and a consistent app experience.
Security and protection	• HP 3D DriveGuard: Your PC's data stays safe from accidental bumps and bruises with HP 3D DriveGuard. It senses motion and locks your spinning hard drive, so a single bump won't delete your entire digital life. • HP Recovery Manager: Recover, restore, and create recovery media for your PC. • McAfee LiveSafe™: Protect your operating system with a free 30-day McAfee LiveSafe™ trial. ⁽⁶⁾

Additional Information

Product number	• 4AC55UA#ABA
Ad embargo date	• 06/10/2018
UPC Code	• 192545368582
Country of origin	• China
Tariff number	• 8471300000
Pallet information	• Dimensions: 42.32 in (H) x 39.37 in (W) x 47.24 in (L) • Total weight: 604.70 lb • Layers: 3 • Products per layer: 29
Battery regulatory data	• 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: 220g • Primary battery watt hours: 52.5 • Applicable CPSC regulations: N

