

HP Spectre x360 Convertible 15-ch011dx



Creativity in its most powerful form

With incredible performance, this laptop lets you reinvent your creative process and bring your vision to life.

Product overview

- **The pinnacle of performance:** Whether it's video editing or 3D rendering, rewrite the meaning of speed with a quad-core Intel® Core™ i7 processor and NVIDIA® GeForce® MX150 graphics.
- **A creative revolution:** Stretch creativity to its limits on this convertible laptop and micro-edge, 4K touch display.⁽³⁷⁾ With a digital pen to evolve your vision and scratch-resistant Corning® Gorilla® Glass 4—your talent has met its perfect canvas.
- **Smart technology. Designed around you.** We've designed this PC with an IR camera and fingerprint reader for secure login.

Key specifications

- **Operating system:** Windows 10 Home⁽¹⁾
- **Processor:** 8th Generation Intel® Core™ i7-8550U Processor^(2b)
- **Display:** 15.6-inch diagonal 4K IPS micro-edge BrightView WLED-backlit touch screen with Corning® Gorilla® Glass (3840 x 2160)⁽³⁷⁾
- **Memory:** 16 GB DDR4 SDRAM (2 DIMM)
- **Internal storage:** 512 GB PCIe® NVMe™ M.2 Solid State Drive⁽¹⁵⁾
- **Graphics:** NVIDIA® GeForce® MX150 with 2 GB GDDR5 total dedicated memory⁽¹³⁾
- **Audio:** Bang & Olufsen with quad speakers
- **Wireless:** 2x2 802.11ac WLAN^(19a) and Bluetooth®⁽²⁶⁾
- **Webcam:** Front-facing HP Wide Vision FHD IR Webcam with integrated dual array digital microphones⁽⁸⁹⁾
- **Product weight:** 4.61 lb⁽⁷⁶⁾
- **Keyboard:** Full-size island-style backlit keyboard with numeric keypad
- **Included:** Stylus pen in dark ash silver

Product features

- **Windows 10 Home:** Do great things with Windows Hello and Cortana.⁽¹⁾⁽⁶⁰⁾
- **360° geared hinge:** Converts your device into four modes.
- **8th generation Intel® Core™ i processor:** Upgrade performance with smooth responsiveness, and stream premium content or even create your own.
- **NVIDIA® GeForce® MX150 Graphics:** Give your multimedia experience a boost over integrated graphics with fast performance and NVIDIA® Pascal™ architecture.
- **PCIe SSD storage:** Get up to 17x faster performance than a traditional laptop hard drive.⁽⁵⁸⁾
- **HP Fast Charge:** Go from 0 to 50% charge in approximately 45 minutes.⁽⁷²⁾
- **Corning® Gorilla® Glass 4:** With strong, more durable protection, displays stand up to everyday bumps and scrapes.
- **4K IPS display:** 8.2 million pixels bring your content to life in mesmerizing quality with 178° wide-viewing angles.⁽³⁷⁾
- **Micro Edge display:** The barely visible bezel revolutionizes your display by letting a larger screen fit into a smaller frame.
- **Fingerprint reader:** Seamlessly log in to your device in any mode with the touch of your finger. Patented 3-D fingerprint technology ensures secure access.
- **HP Digital Pen included:** Sketch, blend, write, and navigate with smooth control and astonishing accuracy.⁽⁹¹⁾

Additional product features

- **Windows Ink:** Naturally drive content, ideas, and drawings forward with digital pen-based computing and Windows Ink.⁽⁶⁰⁾
- **HP Wide Vision FHD IR Camera:** Easily log in through Windows Hello and video chat with an 88-degree wide-angle field of view.⁽⁸⁹⁾
- **Rock-solid connections:** With the latest 802.11 a/c (2x2) WLAN adapter and Bluetooth® 4.2, all your connections are rock solid and up to 6 times faster than 802.11n 1x1.^{(1)(8)(19a)(26)}
- **DDR4 RAM:** With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.
- **HP USB Sleep and Charge:** Charge your smartphone, tablet, and other devices from your laptop while it's asleep or hibernating.
- **USB-C™ Thunderbolt:** Charge, connect a display, or transfer data at a blazing 40Gbps.
- **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 Spectre 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.⁽⁵⁾⁽⁶⁾⁽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	• 8th Generation Intel® Core™ i7-8550U Processor ^(2b) • Quad-Core
Processor speed	• 1.8 GHz base frequency, up to 4 GHz with Intel® Turbo Boost ^{(2b)(2g)}
Processor cache	• 8 MB cache
Memory	• 16 GB DDR4 SDRAM (2 DIMM)
Accessible memory slots	• Memory slot not user accessible
Video graphics	• NVIDIA® GeForce® MX150 with 2 GB GDDR5 total dedicated memory ⁽¹³⁾
Internal storage	• 512 GB PCIe® NVMe™ M.2 Solid State Drive ⁽¹⁵⁾
Finish and features	• Front-facing HP Wide Vision FHD IR Webcam with integrated dual array digital microphones ⁽⁸⁹⁾ • Fingerprint reader • HP finish in dark ash silver
Display	• 15.6-inch diagonal 4K IPS micro-edge BrightView WLED-backlit touch screen with Corning® Gorilla® Glass (3840 x 2160) ⁽³⁷⁾
Wireless connectivity	• 2x2 802.11ac WLAN ^(19a) and Bluetooth® ⁽²⁶⁾
Digital media	• Multi-format digital media card reader
Audio	• Bang & Olufsen with quad speakers
Keyboard	• Full-size island-style backlit keyboard with numeric keypad
Pointing device	• HP Imagepad with multi-touch gesture support
External notebook ports	• 1 Thunderbolt™ 3 (Data up to 40Gb/s, Power Delivery, DisplayPort™ 1.2, HP Sleep and Charge) ⁽⁴¹⁾⁽⁵⁰⁾ • 1 USB 3.1 Type-C™ Gen 1 (Data up to 5Gb/s, Power Delivery, DisplayPort™ 1.2, HP Sleep and Charge) ⁽⁴¹⁾⁽⁴²⁾⁽⁵⁰⁾ • 1 USB Type-A 3.1 Gen 1 (HP Sleep and Charge) • 1 HDMI • 1 Headphone-out/microphone-in combo jack
Dimensions	• Unpackaged: 14.13 in (W) x 9.84 in (D) x 0.76 in (H) • Packaged:
Weight	• Unpackaged: 4.61 lb ⁽⁷⁶⁾ • Packaged: 9.24 lb
What's in the box	• Stylus pen in dark ash silver
Power	• 90W AC adapter • 6-cell 84 Whr lithium-ion battery
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. Intel's numbering is not a measurement of higher performance. Intel, Pentium, Intel Core, Celeron, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries. ^(2b) Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information. ^(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. ^(2d) Internet access required and not included. Availability of public wireless access points limited. ^(2e) NVIDIA, GeForce, Surround, and the NVIDIA logo are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. ^(2f) Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. ^(2g) Based on HP internal testing with MP4 playing, clamshell mode, 3 meter distance from wireless access point. Actual results may vary. ^(2h) 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. ⁽²ⁱ⁾ 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. ^(2j) Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. ^(2k) EPEAT® Silver registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. ^(2l) 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. ^(2m) Ultra High-definition (4K) content required to view 4K images. ⁽²ⁿ⁾ 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. ^(2o) USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum. ^(2p) DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. ^(2q) 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. ^(2r) 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. ^(2s) Internet connection required for updating and connecting to HP Support. ^(2t) Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD. ^(2u) 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. ^(2v) External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen. ^(2w) ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. ^(2x) Designation based on actions to reduce transportation-related emissions. ^(2y) Alexa home supported devices are not included and must be purchased separately. ^(2z) 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. ⁽³⁰⁾ Weight and system dimensions may fluctuate due to configuration and manufacturing variances. ⁽³¹⁾ 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 ⁽³²⁾ Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included. ⁽³³⁾ Requires system with Microsoft pen protocol, Windows 10 with Windows Ink, and a touch screen with digitizer. 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. 01/5_r3kc

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. ⁽²ⁱ⁾ • 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	• 2LV24UA#ABA
Ad embargo date	• 03/18/2018
UPC Code	• 192018861916
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: 532.90 lb • Layers: 3 • Products per Layer: 18
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: 337g • Primary battery watt hours: 84 • Applicable CPSC regulations: N

