

HP Spectre x360 Convertible 15-df0033dx (Factory Refurbished)



Incredible power to create more

Our most powerful Spectre yet fuses impeccable craftsmanship with untouchable power and performance. Edit videos, build complex digital files with ease, and redefine what's possible with a PC crafted to transform the way you create.

*HP Digital Pen pictured is not included.

Product overview

- **Our most powerful Spectre yet:** The latest Intel® Core™ processor with heightened power lets you choose from three performance modes, depending on needs.
- **An immersive creating experience:** Edit photos with precision. Illustrate even the finest details. With the HP Digital Pen and a 15.6-inch diagonal 4K micro-edge display, the power of 8 million pixels truly brings your visions to life.
- **Security in a class of its own:** Enhanced security features like integrated IR camera, fingerprint reader, and privacy camera kill switch keeps you secure and your information private.

Key specifications

- **Operating system:** Windows 10 Home⁽¹⁾
- **Processor:** 8th Generation Intel® Core™ i7-8565U^(2b)
- **Display:** 15.6-inch diagonal 4K⁽³⁷⁾ IPS micro-edge WLED-backlit multitouch-enabled edge-to-edge glass with Corning® Gorilla® Glass NBT™ (3840 x 2160)
- **Memory:** 16 GB DDR4-2400 SDRAM (2 x 8 GB)
- **Internal storage:** 512 GB Intel® SSD + 32 GB Intel® Optane™ memory^{(5)(58b)}
- **Graphics:** NVIDIA® GeForce® MX150 with 2 GB GDDR5 total dedicated memory⁽¹³⁾
- **Sound:** Bang & Olufsen with quad speakers
- **Battery life:**
 - Up to 17 hours and 30 minutes (mixed usage)⁽⁷⁰⁾
 - Up to 15 hours and 15 minutes (video playback)⁽⁷⁵⁾
 - Up to 11 hours and 45 minutes (wireless streaming)⁽⁸⁰⁾
- **Wireless:** Intel® Wireless-AC 9560 802.11 b/g/n/ac (2x2) Wi-Fi^(19a) and Bluetooth® 5 Combo (Supporting gigabit file transfer speeds)⁽⁷⁾⁽²⁸⁾ (MU-MIMO supported)
- **Camera:** HP Wide Vision FHD IR Camera with integrated dual array digital microphone⁽⁸⁹⁾
- **Product weight:** 4.79 lb⁽⁷⁸⁾
- **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⁾
- **8th generation Intel® Core™ processor:** Upgraded performance with smooth responsiveness and fast load times for an exceptional PC experience. 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® NVMe™ SSD storage:** Get up to 15x faster performance than a traditional hard drive.^(58b)
- **Intel® Optane™ Memory H10 with Solid State Storage:** Launch your most used apps at faster speeds. Accomplish more in less time with two breakthrough technologies in a single form factor while seamlessly loading heavy duty images and videos.⁽⁵⁵⁾
- **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.
- **Gigabit Wi-Fi:** Ultra-fast Wi-Fi supporting gigabit speeds.^{(7)(19a)}
- **Refined, gem-cut design:** Precision-crafted metal design creates a stunning gem-cut look, both beautiful and functional.
- **Privacy Camera Kill Switch:** Ensure your privacy with a physical switch that turns off your PC's camera.
- **Advanced thermal management:** Optimized thermal design and IR sensor keeps your laptop cool to touch, without affecting acoustics.

Additional product features

- **Corning® Gorilla® Glass NBT™:** With strong, more durable protection, Corning® Gorilla® Glass NBT™ displays stand up to everyday bumps and scrapes.
- **4K IPS display with touch:** 8.2 million pixels bring your content to life in mesmerizing quality with 178° wide-viewing angles.⁽³⁷⁾
- **Fingerprint reader:** Seamlessly log in into your device in any mode with the touch of your finger. Patented 3-D fingerprint technology ensures secure access.
- **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.⁽⁹¹⁾
- **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⁾
- **Machined aluminum design:** The seamless unibody design, carefully chiseled by CNC machines, provides durability and artful refinement.
- **Elegant craftsmanship:** A refined convertible design features an angular profile and a chiseled look along the back.

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



AUDIO BY
BANG & OLUFSEN

Specifications

Operating system	Windows 10 Home ⁽¹⁾
Processor	8th Generation Intel® Core™ i7-8565U ^(2b) Quad-Core
Processor speed	1.8 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology ^(2a)
Processor cache	8 MB cache
Memory	16 GB DDR4-2400 SDRAM (2 x 8 GB)
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 Intel® SSD + 32 GB Intel® Optane™ memory ^{(55)(58b)}
Finish and features	HP finish in dark ash silver with a sandblasted finish
Camera	HP Wide Vision FHD IR Camera with integrated dual array digital microphone ⁽⁸⁹⁾
Display	15.6-inch diagonal 4K ⁽³⁷⁾ IPS micro-edge WLED-backlit multitouch-enabled edge-to-edge glass with Corning® Gorilla® Glass NBT™ (3840 x 2160)
Wireless connectivity	Intel® Wireless-AC 9560 802.11 b/g/n/ac (2x2) Wi-Fi ^(19a) and Bluetooth® 5 Combo (Supporting gigabit file transfer speeds) ⁽⁷⁾⁽²⁶⁾ (MU-MIMO supported)
Digital media	Micro SD media card reader
Sound	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 USB Type-C™ 3.1 Gen 2 (10 Gb/s signaling rate, Power Delivery 3.0, DisplayPort™ 1.2, HP Sleep and Charge) ⁽⁴²⁾⁽⁵⁰⁾ 1 Thunderbolt™ 3 (40 Gb/s signaling rate, Power Delivery 3.0, DisplayPort™ 1.2, HP Sleep and Charge) ⁽⁵⁰⁾ 1 USB 3.1 Gen 2 Type-A (HP Sleep and Charge) 1 HDMI 2.0 1 Headphone-out/microphone-in combo jack
Dimensions	Unpackaged: 14.22 in (W) x 9.84 in (D) x 0.76 in (H)
Weight	Unpackaged: 4.79 lb ⁽⁷⁶⁾
Security	Fingerprint reader Privacy Camera Kill Switch
Power	6-cell 84 WHr lithium-ion battery 90W AC adapter
Battery life	Up to 17 hours and 30 minutes (mixed usage) ⁽⁷⁰⁾ Up to 15 hours and 15 minutes (video playback) ⁽⁷⁵⁾ Up to 11 hours and 45 minutes (wireless streaming) ⁽⁸⁰⁾

Warranty	90-Day limited hardware warranty. Additional information available at www.support.hp.com ⁽⁹⁾
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Additional Information

Product number	6JY95UAR#ABA
Ad embargo date	05/26/2019
Country of origin	China
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: 323g Primary battery watt hours: 84 Applicable CPSC regulations: N

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. ⁽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⁾ Internet service required and not included. Availability of public wireless access points limited. ⁽¹³⁾ NVIDIA, GeForce, Surround, and the NVIDIA logo are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. ^(19a) Wireless access point and Internet service required. Availability of public wireless access points limited. The specifications for the 802.11ac Wi-Fi 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 Wi-Fi 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 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. ⁽³⁷⁾ 4K content required to view 4K images. ⁽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. ⁽⁵⁸⁾ 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. ⁽⁵⁹⁾ Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Intel®, Intel® Core™ and Intel® Optane™ are trademarks of Intel Corporation in the United States and/or other countries. ⁽⁶⁰⁾ 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. ⁽⁶⁸⁾ Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD. ⁽⁶⁹⁾ 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. ⁽⁷⁰⁾ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen. ⁽⁷⁵⁾ ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. ⁽⁷⁶⁾ 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 <https://bapco.com/products/mobilemark-2014/> for additional details. ⁽⁷⁸⁾ 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. ⁽⁷⁹⁾ Weight and system dimensions may fluctuate due to configuration and manufacturing variances. ⁽⁸⁰⁾ 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. ⁽⁸⁹⁾ 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. ⁽⁸⁹⁾ Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included. ⁽⁹¹⁾ 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 2019 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. 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