

HP Spectre x360 Convertible 15-eb1043dx



Undisputed performance

HP's most powerful Spectre convertible yet looks stunning and runs smooth with a 4K, near-borderless display, long battery life and security features for your peace of mind.

Product overview

- **Perform powerfully:** Knock out everyday tasks faster with the power of an Intel® Core™ processor, Intel® Iris® Xe graphics, Network Booster task prioritization and a long battery life.
- **Binge brilliantly:** Enjoy viewing your content on a 4K, near-borderless display. Experience epic sound with quad speakers and audio tuned by the experts at Bang & Olufsen.⁽³⁷⁾
- **Be you, confidently:** Keep it confidential with an unhackable Camera Kill Switch and dedicated microphone mute button.

Key specifications

- **Operating system:** Windows 10 Home⁽¹⁾
- **Processor:** 11th Generation Intel® Core™ i7-1165G7^(2b)
- **Display:** 15.6-inch diagonal, 4K UHD (3840 x 2160), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, Corning® Gorilla® Glass NBT™⁽³⁷⁾
- **Memory:** 16 GB DDR4-2933 SDRAM (onboard)
- **Internal storage:**
 - 512 GB Intel® PCIe® NVMe™ M.2 SSD^(58b)
 - 32 GB Intel® Optane™ memory⁽⁵⁵⁾
- **Graphics:** Intel® Iris® Xe Graphics⁽¹⁴⁾
- **Sound:** Audio by Bang & Olufsen with quad speakers
- **Battery life:**
 - Up to 11 hours and 30 minutes (mixed usage)⁽⁸⁵⁾
 - Up to 13 hours and 15 minutes (video playback)⁽⁷⁵⁾
- **Wireless:** Intel® Wi-Fi 6 AX201 (2x2)^(19a) and Bluetooth® 5 combo⁽²⁶⁾ (Supporting Gigabit file transfer speeds)⁽⁷⁾
- **Camera:** HP True Vision 720p HD IR camera with integrated dual array digital microphones⁽⁸⁹⁾
- **Product weight:** 4.50 lb⁽⁷⁶⁾
- **Keyboard:** Full-size, backlit, nightfall black keyboard with numeric keypad
- **Included:**
 - HP Rechargeable MPP2.0 Tilt Pen in nightfall black
 - Protective sleeve

Product features

- **Windows 10 Home:** Do great things with Windows Hello and Cortana.⁽¹⁾⁽⁶⁰⁾
- **11th Generation Intel® Core™ processor:** Brings the perfect combination of features to make you unstoppable. Get things done fast with high performance, instant responsiveness and best-in-class connectivity.
- **Intel® Iris® Xe 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.
- **HP Fast Charge:** Go from 0 to 50% charge in approximately 30 minutes.⁽⁷²⁾
- **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.^{(19a)(19b)(26)}
- **Gigabit Wi-Fi:** Ultra-fast Wi-Fi supporting gigabit speeds.⁽⁷⁾⁽¹⁹⁾
- **4K IPS touchscreen display:** 8.2 million pixels bring your content to life in mesmerizing quality with 178-degree wide-viewing angles.⁽³⁷⁾

Additional product features

- **Corning® Gorilla® Glass NBT™:** Stands up to all the daily abuse a touch screen takes. Help reduce accidental damage with strong, more durable protection than most displays.
- **Camera Kill Switch:** Ensure your privacy with a physical switch 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⁾
- **Microphone mute:** Dedicated microphone mute button with an LED indicator light.
- **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.
- **HP Rechargeable MPP 2.0 Tilt Pen:** Create naturally with no interruptions. Improved latency and greater sensitivity allow you smoothly transition between colors for finer details while you write, draw and edit on any of your devices.
- **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⁾

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 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

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 10 Home ⁽¹⁾
Processor	• 11th Generation Intel® Core™ i7-1165G7 ^(2a) • Quad-Core
Processor speed	• Up to 4.7 GHz with Intel® Turbo Boost Technology ^(2d)
Processor cache	• 12 MB L3 cache
Memory	• 16 GB DDR4-2933 SDRAM (onboard)
Accessible memory slots	• Memory slot not user accessible
Video graphics	• Intel® Iris® X® Graphics ⁽¹⁴⁾
Internal storage	• 512 GB Intel® PCIe® NVMe™ M.2 SSD ^(58b) • 32 GB Intel® Optane™ memory ⁽⁵⁵⁾
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 True Vision 720p HD IR camera with integrated dual array digital microphones ⁽⁶⁹⁾
Display	• 15.6-inch diagonal, 4K UHD (3840 x 2160), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, Corning® Gorilla® Glass NBT™, 340 nits, 72% NTSC ⁽²⁰⁾⁽³⁷⁾
Screen to body ratio	• 90% ⁽⁴⁰⁾
Wireless connectivity	• Intel® Wi-Fi 6 AX201 (2x2) ^(19a) and Bluetooth® 5 combo ⁽²⁶⁾ (Supporting Gigabit file transfer speeds) ⁽⁷⁾ • MU-MIMO supported
Digital media	• Micro SD media card reader
Sound	• Audio by Bang & Olufsen with quad speakers
Integrated keyboard	• Full-size, backlit, nightfall black keyboard with numeric keypad • HP Imagepad with multi-touch gesture support
External notebook ports	• 2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge) ⁽⁴²⁾⁽⁵⁰⁾⁽⁵¹⁾⁽⁵⁹⁾⁽⁶⁴⁾ • 1 SuperSpeed USB Type-A 10Gbps signaling rate (HP Sleep and Charge) ⁽⁶⁴⁾ • 1 Headphone/microphone combo • 1 AC Smart pin • 1 HDMI 2.0b
Dimensions	• Unpackaged: 14.17 in (W) x 8.91 in (D) x 0.79 in (H) • Packaged: 17.91 in (L) x 5.71 in (W) x 13.58 in (H)
Weight	• Unpackaged: 4.50 lb ⁽⁷⁶⁾ • Packaged: 8.58 lb
What's in the box	• HP Rechargeable MPP2.0 Tilt Pen in nightfall black • Protective sleeve
Security	• Fingerprint reader • Camera kill Switch • Mic mute key
Power	• 6-cell, 72.9 Wh Li-ion polymer • 90 W Smart AC power adapter
Battery life	• Up to 11 hours and 30 minutes (mixed usage) ⁽⁸⁵⁾ • Up to 13 hours and 15 minutes (video playback) ⁽⁷⁵⁾
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) ⁽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 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, 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. ^(2d) 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. ⁽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. ⁽¹⁹⁾ Wireless access point and Internet access required and not included. Availability of public wireless access points is limited. ^(19a) 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. ^(19b) 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 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⁾ 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. ⁽³⁷⁾ 4K content required to view 4K 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. ⁽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. ⁽⁵⁵⁾ Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. ⁽⁵⁹⁾ 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. ^(58b) Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD. ⁽⁵⁹⁾ SuperSpeed USB 20Gbps is not available. ⁽⁶⁰⁾ Some features including voice supported Cortana, inking, and Continuum require Windows 10 and more advanced hardware. See 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. ⁽⁶⁴⁾ For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device. ⁽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. ⁽⁷⁵⁾ 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. ⁽⁸⁵⁾ Windows 10 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. ⁽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. 10/20/2020_7 rc

Software

HP help and support	• 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	• HP Display Control: HP Display Control lets you adjust the display mode based on preference. Choose the right screen setting for morning, reading, or night time. • Netflix: Watch movies and TV on your PC with subscription. ⁽⁹⁾
Productivity and tools	• Adaptive Battery Optimizer: Protect battery health and bring peace of mind for uninterrupted productivity and entertainment with automatic checks on battery temperature, charging status, and usage time. • Amazon Alexa voice service: Hands-free access to Amazon Alexa on your PC, including more than 50K skills. ⁽⁶⁶⁾ • HP QuickDrop: Wirelessly transfer photos, videos, documents and more between your PC and mobile device. Easily snap a photo to share, send addresses for directions on-the-go, and view texts on your PC's screen. With HP QuickDrop, file transfers are easy, fast and reliable. ⁽⁹⁾ • HP Audio Switch: Easily switch between speaker and microphone sources with intuitive controls and a consistent app experience. • 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	• 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	• 1M8FOUA#ABA
Ad embargo date	• 11/08/2020
UPC Code	• 195122423391
Country of origin	• China
Pallet information	• Dimensions: 45.84 in (L) x 39.37 in (W) x 47.24 in (H) • Total weight: 445.80 lb • Layers: 3 • Products per layer: 16
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: 280g • Primary battery watt hours: 72.9 • Applicable CPSC regulations: N

