

HP Spectre x360 Convertible 15-df1033dx



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.

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 webcam kill switch keeps you secure and your information private.

Key specifications

- **Operating system:** Windows 10 Home⁽¹⁾
- **Processor:** 10th Generation Intel® Core™ i7-10510U⁽²⁾
- **Display:** 15.6-inch diagonal 4K IPS micro-edge WLED-backlit multitouch-enabled edge-to-edge glass with Corning® Gorilla® Glass NBT™^(3,7)
- **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® MX250 (2 GB GDDR5 dedicated)⁽¹³⁾
- **Sound:** Bang & Olufsen with quad speakers
- **Wireless:** Intel® Wi-Fi 6 AX 201 (2x2)^{(1)(9a)} and Bluetooth® 5 Combo⁽²⁶⁾ (Supporting Gigabit file transfer speeds)
- **Camera:** HP Wide Vision FHD IR Camera with integrated dual array digital microphone⁽⁸⁹⁾
- **Product weight:** 4.79 lb⁽⁷⁶⁾
- **Keyboard:** Full-size island-style dark ash silver backlit keyboard with numeric keypad
- **Included:** HP Digital Pen in dark ash silver

Product features

- **Windows 10 Home:** Do great things with Windows Hello and Cortana.⁽¹⁾⁽⁶⁰⁾
- **10th generation Intel® Core™ processor:** Uncompromised performance and productivity to enjoy immersive gaming and smooth streaming.⁽⁹⁾
- **NVIDIA® GeForce® MX250 graphics:** Elevate your multimedia experience 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.⁽⁶⁵⁾
- **Liberating battery life:** Take on the day without worrying about recharging.
- **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)(19)(26)}
- **Gigabit Wi-Fi:** Ultra-fast Wi-Fi supporting gigabit speeds.^{(7)(19a)}
- **Webcam 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.
- **Corning® Gorilla® Glass NBT™:** With strong, more durable protection, Corning® Gorilla® Glass NBT™ displays stand up to everyday bumps and scrapes.

Additional product features

- **4K IPS display with touch:** 8.2 million pixels bring your content to life in mesmerizing quality with 178° wide-viewing angles.⁽¹⁷⁾
- **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.⁽⁶⁹⁾
- **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.
- **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

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 hp.com/go/community, 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	• 10th Generation Intel® Core™ i7-10510U ^(2b) • Quad-Core
Processor speed	• 1.8 GHz base frequency, up to 4.9 GHz base with Intel® Turbo Boost Technology ^{(2a)(2c)}
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® MX250 (2 GB GDDR5 dedicated) ⁽¹³⁾
Internal storage	• 512 GB Intel® SSD + 32 GB Intel® Optane™ memory ^{(55)(56b)}
Finish and features	• Top cover: Dark ash silver aluminum with a sandblasted anodized finish • Keyboard deck: Dark ash silver aluminum with a sandblasted anodized finish
Camera	• HP Wide Vision FHD IR Camera with integrated dual array digital microphone ⁽⁸⁹⁾
Display	• 15.6-inch diagonal 4K IPS micro-edge WLED-backlit multitouch-enabled edge-to-edge glass with Corning® Gorilla® Glass NBT™, 340 nits, 72% NTSC (3840 x 2160) ⁽²⁰⁾⁽³⁷⁾
Screen to body ratio	• 79% ⁽⁴⁰⁾
Wireless connectivity	• Intel® Wi-Fi 6 AX 201 (2x2) ^(9d) and Bluetooth® 5 Combo ⁽²⁶⁾ (Supporting Gigabit file transfer speeds)
Digital media	• Micro SD media card reader
Sound	• Bang & Olufsen with quad speakers
Integrated keyboard	• Full-size island-style dark ash silver backlit keyboard with numeric keypad and HP Imagepad with multi-touch gesture support
External notebook ports	• 1 USB 3.1 Gen 2 Type-C™ with Thunderbolt™ 3 (40 Gb/s signaling rate, Power Delivery 3.0, DisplayPort™ 1.2, HP Sleep and Charge) ⁽⁴²⁾⁽⁵⁰⁾ • 1 USB 3.1 Gen 2 Type-A (HP Sleep and Charge) ⁽⁵⁰⁾ • 1 AC smart pin • 1 HDMI 2.0a • 1 Headphone-out/microphone-in combo jack
Dimensions	• Unpackaged: 14.22 in (W) x 9.84 in (D) x 0.76 in (H) • Packaged: 18.34 in (L) x 6.46 in (W) x 14.45 in (H)
Weight	• Unpackaged: 4.79 lb ⁽⁷⁶⁾ • Packaged: 7.01 lb
What's in the box	• HP Digital Pen in dark ash silver
Security	• Fingerprint reader • Webcam Kill Switch
Power	• 6-cell 84 Whr lithium-ion battery • 90W AC 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. Intel's numbering, branding and/or naming 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) 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. ⁽³⁾ 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. ⁽⁴⁾ Internet service required and not included. Availability of public wireless access points limited. ⁽⁵⁾ NVIDIA, GeForce, Surround, and the NVIDIA logo are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. ⁽⁶⁾ Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11ac) is backwards compatible with prior Wi-Fi 5 specs. ⁽⁷⁾ 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. ⁽⁸⁾ 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. ⁽⁹⁾ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ⁽¹⁰⁾ 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. ⁽¹¹⁾ Detects BIOS damage and recovers last settings. ⁽¹²⁾ Bluetooth® is a trademark owned by its proprietor and used by Hewlett-Packard Company under license. ⁽¹³⁾ 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. ⁽¹⁴⁾ 4K content required to view 4K images. ⁽¹⁵⁾ Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk. ⁽¹⁶⁾ USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum. ⁽¹⁷⁾ DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. ⁽¹⁸⁾ 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. ⁽¹⁹⁾ 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. ⁽²⁰⁾ 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. ⁽²¹⁾ Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD. ⁽²²⁾ 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. ⁽²³⁾ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen. ⁽²⁴⁾ ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. ⁽²⁵⁾ Weight and system dimensions may fluctuate due to configuration and manufacturing variances. ⁽²⁶⁾ Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included. ⁽²⁷⁾ 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. 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. 07/22_r2 tg

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. ⁽⁶⁴⁾ • HP BIOS Protection: Get peace of mind knowing your PC BIOS is protected. HP BIOS Protection automatically checks its health and recovers itself. ⁽²³⁾
Books, music, photos and videos	• Netflix: Watch movies and TV online with subscription. ⁽⁹⁾
Productivity and tools	• HP Command Center: Customize performance, fan speed and noise, and external temperature—all to meet your needs. • HP Audio Switch: Easily switch between speaker and microphone sources with intuitive controls and a consistent app experience. • Dropbox: 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. ⁽²²⁾ • HP Connection Optimizer: Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points. ⁽⁹⁾
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. ⁽⁶⁾

Additional Information

Product number	• 7UT64UA#ABA
Ad embargo date	• 10/20/2019
UPC Code	• 193905743773
Country of origin	• China
Tariff number	• 8471300000
Pallet information	• Dimensions: 47.24 in (L) x 39.37 in (W) x 46.0 in (H) • Total weight: 230.20 lb • Layers: 2 • Products per layer: 14
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

