

HP Spectre x360 Convertible 15-eb0045na



Undisputed performance

HP's most powerful Spectre convertible yet looks stunning and runs smooth with a jaw-dropping high definition, near-borderless display and long battery life that takes you from day to night. Add in the security features you need for peace of mind and this stylish powerhouse has everything you need to power through.



*Product image may differ from actual product



Perform powerfully

Knock out everyday tasks faster with the power of an Intel® Core™ processor, NVIDIA graphics, Network Booster task prioritization and a long battery life.

AUDIO BY
BANG & OLUFSEN

Binge brilliantly

Enjoy viewing your content on a high definition, near-borderless display. Experience epic sound with quad speakers and audio tuned by the experts at Bang & Olufsen.



Be you, confidently

Keep it confidential with an unhackable Webcam Kill Switch that ensures your privacy and a dedicated microphone mute button that keeps your private conversations, private.



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Featuring

10th Generation Intel® Core™ processor

Uncompromised performance and productivity whether plugged in or on the go. Enjoy immersive gaming and premium streaming with up to 4K stunning resolution wherever you go.¹

NVIDIA® GeForce® MX 330 graphics

Supercharge your PC for work and play. Get higher graphics performance for smooth gaming and accelerated editing, while GeForce® Experience enables capturing and sharing videos, driver updates, and live streaming of games—allowing you to do it all.²

4K IPS display

With 8.2 million pixels, be mesmerized by the 4K experience. The spectacular 3840 x 2160 resolution delivers your content in jaw-dropping quality with true-to-life definition and 178° wide-viewing angles.³

Anti-reflection screen

See your screen clearly wherever you are. This screen reduces reflection and enhances contrast so you can view it clearly in any setting, inside or out.

Battery life for long days

Extend your day into the night with up to 11 hours and 15 minutes of battery life. Longer battery life means you can keep going beyond your day without recharging.⁴

HP True Vision HD IR Camera

The infrared sensor gives you the added security of Windows Hello, for a safer way to log in to your computer. And get vibrant clarity when you're video chatting, even in low light.⁵

Thunderbolt™ 3 with SuperSpeed USB Type-C®

Power your device or connect an external display with a blazing 40Gbps signaling data rate from one impressive SuperSpeed USB-C® port with Thunderbolt™ 3. And it's reversible, so you never have to worry about plugging in upside down.⁶

McAfee® LiveSafe™

Free 12-month subscription of McAfee® LiveSafe™ service included. McAfee® LiveSafe™ service enriches your digital life by protecting your data, identity and all your devices so you can connect with confidence.⁷

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.

PCIe SSD storage

Boot up in seconds with lightning fast speed with up to 512 GB PCIe SSD storage.

DDR4 RAM

Designed to run more efficiently and more reliably at faster speeds, DDR4 is the future of RAM. With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.

Full-sized keyboard

The full-sized keyboard allows you to work anywhere, with 1.5mm key travel for typing comfort and total productivity.

HP Imagepad with multi-touch gesture

This true multi-touch touchpad supports four finger gestures and lets you scroll, zoom, and navigate with a simple touch.

MU-MIMO supported

If you have several MU-MIMO devices in your home, MU-MIMO support works in combination with a MU-MIMO router to maximize network traffic for a smoother online experience.

An exceptionally rich audio experience

With HP Quad Speakers, HP Audio Boost, and custom tuning by the experts at Bang & Olufsen, entertainment comes to life with sound you can feel. Awaken your senses with PC audio perfection.

HP Audio Boost

Feel and hear state-of-the-art sound with the next generation of HP Audio Boost and SmartAmp technology—providing louder, richer sound and booming bass performance without distortion.

Narrow bezel display

By squeezing a larger screen into a smaller frame, this narrow bezel optimizes your display's appearance with an efficient design.

Machined aluminum design

A refined convertible design changes the way you see technology, with a chiseled look along the back and an angular profile along the sides.

Elegant craftsmanship

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HP Command Center

This simple utility puts you in control, allowing you to optimize and customize performance, fan speed and noise, and external temperature—all to meet your needs.

Webcam Kill Switch

Ensure your privacy and security with a physical switch that turns off your PC's camera when not in use. No more unsightly tape to cover your camera lens.

HP Fast Charge

When your laptop is low on power, no one has time to wait hours to recharge. Power down your device and go from 0 to 50% charge in approximately 30 minutes.¹⁴

Microphone Mute

Enjoy greater peace of mind and the convenience of a dedicated microphone mute button that you can easily activate and know it's on or off with an LED indicator light.

PC protection from boot up

Get peace of mind knowing your PC BIOS is protected. HP BIOS Protection automatically checks its health and recovers itself.¹⁵

Windows Ink

Naturally drive content, ideas, and drawings forward with digital pen-based computing and Windows Ink. Seamlessly jot down notes in Office, or draw on a collection of apps.

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Specifications

Performance

Operating system

Windows 10 Home 64

Processor

Intel® Core™ i7-10510U (1.8 GHz base frequency, up to 4.9 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores)^{6,7}

Processor family: 10th Generation Intel® Core™ i7 processor

Memory

16 GB DDR4-2666 SDRAM (onboard)

Memory slots: 0:

Transfer rates up to 2666 MT/s.

Storage

512 GB PCIe® NVMe™ M.2 SSD

Optical drive not included

Dropbox¹

Graphics

Discrete: NVIDIA® GeForce® MX330 (2 GB GDDR5 dedicated) ;

Audio

Audio by Bang & Olufsen, quad speakers, HP Audio Boost 2.0

Display

39.6 cm (15.6") diagonal, 4K UHD (3840 x 2160), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, anti-reflection Corning® Gorilla® Glass NBT™, 400 nits, 100% sRGB¹⁷

Screen-to-body ratio

90.01%¹⁸

Power

90 W Smart AC power adapter;

Battery type

6-cell, 72.9 Wh Li-ion polymer;

280 g;

Battery and Power

Up to 13 hours and 30 minutes³;

Supports battery fast charge: approximately 50% in 30 minutes⁵

Maximum battery life video playback

Up to 16 hours and 30 minutes¹⁰

Connectivity

Wireless connectivity

Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds)^{11,12,13,16}

Miracast compatible; MU-MIMO supported

Ports

1 Thunderbolt™ 3 (40Gbps signaling rate) with SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.2, HP Sleep and Charge); 1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.2, HP Sleep and Charge); 1

HDMI 2.0a; 1 SuperSpeed USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 1 AC

smart pin; 1 headphone/microphone combo

1 microUSB media card reader

1 microUSB media card reader

Webcam

HP True Vision 720p HD IR camera with integrated dual array digital microphones

Design

Product color

Poseidon blue aluminum

Sandblasted anodized finish

Software

HP apps

HP 3D DriveGuard; HP Audio Switch; HP Command Center; HP JumpStart; HP Support

Assistant

Software

ExpressVPN (30 day free trial); LastPass Premium (30 day free trial);

1 month trial for new Microsoft 365 customers

Service & support

McAfee LiveSafe™²

Additional information

Part Number

P/N: 251M3EA #ABU

UPC/EAN code: 195122942908

Energy efficiency compliance

ENERGY STAR® certified; EPEAT® Silver registered

Weight

2.45 kg;

Packed: 3.9 kg

Weight Note: Weight varies by configuration

Dimensions

35.99 x 22.64 x 1.99 cm;

Packed: 14.5 x 45.5 x 34.5 cm

Dimension Note: Dimensions vary by configuration

Warranty

2 year limited parts, labour, and carry-in service; You can expand the warranty coverage of your product to reach up to 3 years in total; for more information, check with your HP reseller.

Included accessories

Sleeve

Keyboard

Full-size, backlit, poseidon blue keyboard with numeric keypad

HP Imagepad with multi-touch gesture support; Precision Touchpad Support

Features

Touch display

Security management

Mic Mute key; Webcam kill switch; Trusted Platform Module (TPM) support

Fingerprint reader

Sensors

Accelerometer; Gyroscope; eCompass; IR Thermal sensor

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Recommended accessories

* Not included.



HP Stereo Headset
H2800 (White w. Pike
Silver)
ZAP95AA



HP Pavilion Wireless
Keyboard and Mouse
800 (Black)
4CE99AA



HP Spectre Folio
Backpack
8GF06AA



3-year return to depot
UM931E

Key Selling Points Footnotes

Feature Messaging Footnotes

- ¹ 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. Internet service required and not included. 4K content required to view full 4K images. Graphics output may be limited based on the maximum resolution of the display.
- ² Internet access required and not included.
- ³ 4K content required to view full 4K images.
- ⁴ 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-2018/> for additional details.
- ⁵ Features may require software or other 3rd party applications to provide the described functionality.
- ⁶ Actual throughput may vary. USB Type-C[®] and USB-C[®] are trademarks of USB Implementers Forum.
- ⁷ Internet service required and not included. Subscription required after the 12 month.
- ¹⁴ 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 will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products. See <http://store.hp.com> for a full list of product features.
- ¹⁵ HP BIOS Protection works with Windows 10 that ships with your PC.

Technical Specifications Footnotes

- ¹ 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 <https://www.dropbox.com/help/space/hp-promotion>. Internet service required and not included.
- ² Free 30 day subscription of McAfee LiveSafe service included. Internet access required and not included. Subscription required after expiration.
- ³ 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 <https://bapco.com/products/mobilemark-2018/> for additional details.
- ⁵ 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. Available on select HP products. See <http://store.hp.com> for a full list of product features.
- ⁶ 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.
- ⁷ Intel[®] Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.
- ¹⁰ 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.
- ¹¹ 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 160 MHz channels.
- ¹² Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited.
- ¹³ 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.
- ¹⁵ Wi-Fi 6 (802.11ax) is not supported in Ukraine, Russia, and Indonesia where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).
- ¹⁷ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- ¹⁸ Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.
- ²² Reverting to LastPass basic after 30 days.
- ²⁴ Must activate within 180 days of Windows activation.

