

HP Spectre x360 2-in-1 Laptop 14-ef2020na

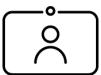


Crafted to combine the performance and design you crave

Stunning craftsmanship meets powerful performance with the HP Spectre x360 13.5". The 360° design rotates for the perfect position, while the dynamic camera features let you look your best live. This powerful machine evolves your laptop experience with the Intel® Evo™ certified Platform², and Intel® Unison™¹ for freedom to work across operating systems.



*Product image may differ from actual product



Dynamic, premium video chat experience

Look your best on HP Presence³ with Appearance Filter, Backlight Adjustment plus physical privacy shutter.



The latest technology

Powerful, versatile with a 13th Gen Intel® Core™ Processor, 360° design plus 3:2 aspect ratio⁴ to see more in new ways.



Because little things make a big difference

The sustainable design contains ocean-bound plastics, recycled aluminum⁵ and EPEAT® Gold & ENERGY STAR® ratings⁶.



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Featuring

Get a fresh perspective

From a rejuvenated Start menu, to new ways to connect to your favorite people, news, games, and content—Windows 11 is the place to think, express, and create in a natural way.⁷

Extend beyond performance to let your PC do even more at once

Offering more than just a performance score. 13th Gen Intel® Core™ Processors advance real-world computing and deliver more ultra-efficient multi-tasking.⁸

Exceptional experience, anywhere

The Intel® Evo™ platform brings together the perfect combination of performance, responsiveness, battery life and stunning visuals in a new class of laptops. These designs are verified by Intel for an exceptional laptop experience, anywhere.²

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.⁹

3:2 aspect ratio

See more of the web with less scrolling. A 3:2 aspect ratio delivers an optimized portrait view for a more comfortable way to read or surf.⁴

WUXGA+ IPS touchscreen

Intuitive touchscreen technology lets you control your PC right from the screen. And transform your content with 1920 x 1080 resolution and 178° wide-viewing angles.

Ocean-bound plastic

Built with the environment in mind, our laptop design includes sustainable materials like ocean-bound plastic in the bezel and speaker enclosure.¹⁰

Keyboard keycaps contain post-consumer recycled plastic

We're bringing a more sustainable design to our keyboards by using keycaps made with post-consumer recycled plastic.¹¹

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.

All-in-One Keyboard

Control your privacy, security and multimedia with the touch of a button. With all your hotkeys in one area, seamlessly navigate with no distractions.

Thunderbolt™ 4 with USB4™ Type-C®

The latest Thunderbolt™ solution lets you power your device or connect up to two 4K displays with a single cable and blazing 40Gbps signaling rate.

HP True Vision 5MP IR camera with camera shutter

Video chat with peace of mind with a privacy camera you can close when not in use. The infrared sensor gives you the added security of Windows Hello, for a safer way to log in to your computer.³

McAfee® LiveSafe™

Protect your operating system with a free 30-day McAfee® LiveSafe™ subscription.¹²

Adobe Offer

Get a complimentary 1 month trial of the best creativity and productivity apps from Adobe with the purchase of a computer from HP.¹³

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.

Backlit keyboard

Keep going even in dimly lit rooms or aboard red-eye flights. With an illuminated keyboard, you can type comfortably in more environments.

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.

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Specifications

Performance

Operating system

Windows 11 Home

Processor

Intel® Core™ i5-1335U (up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)^{6,7}

Processor family: 13th Generation Intel® Core™ i5 processor

Performance technology

Intel® Evo™ laptop

Chipset

Intel® integrated SoC

Memory

16 GB LPDDR4x-4266 MHz RAM (onboard)

Transfer rates up to 4266 MT/s.

Number of User-accessible Memory Slots: 0

Storage

512 GB PCIe® Gen4 NVMe™ TLC M.2 SSD

25 GB Dropbox storage for 12 months¹

Graphics

Integrated: Intel® Iris® Xe Graphics;

Intel® Iris® Xe Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® Xe Graphics with Intel® Core™ i5 or i7 processors and single channel memory will only function as Intel® UHD Graphics.

Audio

Audio by Bang & Olufsen; Quad speakers; HP Audio Boost

Display

34.3 cm (13.5") diagonal, WUXGA+ (1920 x 1280), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, anti-reflection Corning® Gorilla® Glass NBT™, Low Blue Light, 400 nits, 100% sRGB^{17,21,28}

Screen-to-body ratio

90.11%¹⁸

Aspect ratio

3:2

Power

65 W USB Type-C® power adapter;

Battery type

4-cell, 66 Wh Li-ion polymer²³

Battery and Power

Up to 18 hours³;

Supports battery fast charge: approximately 50% in 45 minutes⁵

Maximum battery life video playback

Up to 20 hours and 15 minutes¹⁰

Connectivity

Wireless connectivity

Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)^{11,12}

MU-MIMO supported; Modern Standby (Connected)

Ports

1 USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 headphone/microphone combo¹⁹

Expansion slots

1 microSD media card reader

Webcam

HP True Vision 5MP IR camera with camera shutter, temporal noise reduction and integrated dual array digital microphones

Design

Product color

Nightfall black aluminum, pale brass accents

Sandblasted, anodized finish

Software

HP apps

HP Support Assistant; HP Connection Optimizer; HP Command Center; MyHP; HP Display Control; HP Enhanced Lighting

Software

Duet® for HP (30 day free trial); ExpressVPN (30 day free trial); LastPass Premium (30 day free trial); Intel® Unison™^{22,36};

1 month trial for new Microsoft 365 customers²⁴

Service & support

McAfee LiveSafe™; 1-month Adobe free trial offer^{2,25}

Additional information

Part Number

P/N: 800N7EA #ABU

UPC/EAN code: 197497151411

Ecolabels

EPEAT® Gold registered²⁷

ENERGY STAR® certified

Sustainable impact specifications:

Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard mechanism made from agriculture waste; Recycled metal in cover, keyboard frame, base, hinge cap(s) and drop jaw; Keyboard keycaps made with post-consumer recycled plastic^{39,40,41}

Weight

1.36 kg;

Packed: 3.41 kg

Dimensions

29.8 x 22.04 x 1.69 cm;

Packed: 14.8 x 38.5 x 31.5 cm

Manufacturer Warranty

1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Keyboard

Full-size, backlit, nightfall black keyboard

HP Imagepad with multi-touch gesture support

Security management

All-in-One keyboard; Trusted Platform Module (Discrete TPM) support

Fingerprint reader

Sensors

Accelerometer; eCompass; Color temperature light sensor; Gyroscope; IR thermal sensor

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Warranty services*



3-year pickup and return
UM963E

Key Selling Points Footnotes

- ¹ Intel® Union™ solution is currently only available on eligible Intel® Evo™ designs on Windows-based PCs and only pairs with Android- or iOS-based phones; all devices must run a supported OS version. See [intel.com/performance-evo](https://www.intel.com/performance-evo) for details, including set-up requirements. Results may vary.
- ² Intel and Core are trademarks of Intel Corporation in the U.S. and other countries.
- ³ Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included.
- ⁴ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.
- ⁵ Laptops manufactured with recycled ocean-bound plastic material in product speaker enclosures and bezel, recycled aluminum material in product cover and post-consumer recycled plastic in the keyboard caps. Percent of recycled materials contained in each component varies by product.
- ⁶ Based on most Gold and Silver EPEAT® registrations by meeting all required criteria and achieving 50-74% of the optional points for EPEAT® Silver and 75-100% of the optional points for EPEAT® Gold according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

Feature Messaging Footnotes

- ⁷ 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- ⁸ 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.
- ⁹ Intel and Iris are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. Intel, the Intel logo and Iris are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.
- ¹⁰ Percentage of ocean-bound plastic contained in each component varies by product.
- ¹¹ Percentage of post-consumer recycled plastic contained in keycap varies by product.
- ¹² Internet service required and not included. Subscription required after 30 days.
- ¹³ Offer available worldwide (excluding China and embargoed countries or other countries identified as restricted by applicable law or regulation) to new and existing subscribers who are 18+. Click on the Adobe icon in the start menu to redeem a 1-month free trial membership for select Adobe software. The software is tied to the device and is not transferrable. If you would like to sign up for an auto-renewing subscription, you can provide your payment method at sign-up. By adding a payment method, your subscription will automatically renew at the then current rate on your renewal date until you cancel. If you cancel before the end of the one-month free trial, you won't be charged. You can cancel your subscription anytime via your Adobe Account page or by contacting Customer Support. Please see current prices for Adobe products available in this offer. Offer not available to Education, OEM, or volume licensing customers. Subject to availability where the recipient resides. Additional terms and conditions may apply. VOID WHERE PROHIBITED OR RESTRICTED BY LAW.

Technical Specifications Footnotes

- ¹ 25 GB of free Dropbox storage 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 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 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. 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% as image default, player audio level at 100%, played full-screen from local storage, headphone attached or through speaker (if no audio jack port), 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 6E is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately.
- ¹² Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported.
- 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.
- ¹⁹ For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.
- ²¹ TUV Low Blue Light is the Display Compliance Test Specification quality. See <https://www.certipedia.com/?locale=en#search> for more details.
- ²² Reverting to LastPass basic after 30 days.
- ²³ Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.
- ²⁴ Must activate within 180 days of Windows activation.
- ²⁵ Offer available worldwide (excluding China and embargoed countries or other countries identified as restricted by applicable law or regulation) to new and existing subscribers who are 18+. Click on the Adobe icon in the start menu to redeem a 1-month free trial membership for select Adobe software. The software is tied to the device and is not transferrable. If you would like to sign up for an auto-renewing subscription, you can provide your payment method at sign-up. By adding a payment method, your subscription will automatically renew at the then current rate on your renewal date until you cancel. If you cancel before the end of the one-month free trial, you won't be charged. You can cancel your subscription anytime via your Adobe Account page or by contacting Customer Support. Please see current prices for Adobe Spark and the remaining Adobe products available in this offer. Offer not available to Education, OEM, or volume licensing customers. Subject to availability where the recipient resides. Additional terms and conditions may apply. VOID WHERE PROHIBITED OR RESTRICTED BY LAW.
- 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.
- ²⁸ Eyesafe® Display for Low Blue Light is the Display Compliance Test Specification quality. See <https://eyesafe.com> for more details.
- ²⁹ Duet for HP is preinstalled on this PC. Unlock use on secondary devices by downloading the app from the iOS or Google Play store and connect to your PC. Pen/touch input from a secondary device requires upgrade to the Duet Pro version, available for purchase through the Duet for HP app.
- ³¹ Weight and system dimensions may fluctuate due to configuration and manufacturing variances.
- ³⁹ Percentage of ocean-bound plastic contained in each component varies by product.
- ⁴⁰ Laptops manufactured with recycled metal material in product cover. Percentage of recycled metal varies by product.
- ⁴¹ Keyboard scissors contain natural, renewable feedstock based on mass balance approach. Keyboard keycaps contain post-consumer recycled plastic. Percentage of Post consumer recycled contained in each component varies by product.
- ⁴⁵ The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights or LED emissions. OLED panel is functional with DC-DIMMING when above 100nits.

