

HP Spectre x360 Convertible 15-eb0520na



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.



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.



HP Spectre x360 Convertible 15-eb0520na

Featuring

Windows 10

Do great things confidently with the familiar feel of Windows - only better.¹

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 5.²

HP TrueVision 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.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.

Corning® Gorilla® Glass NBT™

Scratch-resistant 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.

USB-C™ Thunderbolt™

Power your device or connect an external display from one impressive USB-C™ Thunderbolt™ port with a blazing 40 Gb/s signaling rate. And it's reversible, so you never have to worry about plugging in upside down.⁴

PCIe SSD storage

Available in capacities up to 512 GB, PCIe-based flash storage is up to 17x faster than a traditional 5400-rpm laptop hard drive.⁵

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.

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.

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.

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

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

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.

HP Spectre x360 Convertible 15-eb0520na



Specifications

Performance

Operating system

Windows 10 Home 64

Processor

Intel® Core™ i7-10750H (2.6 GHz base frequency, up to 5 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores)^{6,7}

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

Chipset

Intel® HM370

Memory

16 GB DDR4-2666 SDRAM (onboard)

Transfer rates up to 2666 MT/s.

Storage

512 GB PCIe® NVMe™ M.2 SSD

Optical drive not included

Dropbox¹

Graphics

Discrete: NVIDIA® GeForce® GTX 1650 with Max-Q design (4 GB GDDR5 dedicated)⁸;

Powered by NVIDIA Turing™ GPU architecture

Audio

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

Display

39.6 cm (15.6") diagonal 4K UHD, IPS, micro-edge, WLED-backlit, multitouch-enabled, edge-to-edge glass with anti-reflection Corning® Gorilla® Glass NBT™, 400 nits, 100% sRGB (3840 x 2160)¹⁷

Screen-to-body ratio

90.01%¹⁸

Power

135 W Smart AC power adapter;

Battery type

6-cell, 72.9 Wh Li-ion polymer;

280 g;

Battery and Power

Connectivity

Wireless connectivity

Intel® Wi-Fi 6 AX 201 (2x2) and Bluetooth® 5 Combo (Supporting Gigabit file transfer speeds)^{11,12,13,16}

MU-MIMO supported; Miracast compatible

Ports

1 SuperSpeed USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 1 headphone/microphone combo; 1 AC smart pin; 1 HDMI 2.0b; 2 Thunderbolt™ 3 (40Gbps signaling rate) with SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge)

1 microSD media card reader

Webcam

HP TrueVision HD IR Camera with integrated dual array digital microphone

Design

Product color

Nightfall black aluminum

Sandblasted anodized finish

Software

HP apps

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

Software

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

1 month trial for new Microsoft Office 365 customers

Service & support

McAfee LiveSafe™²

Additional information

Part Number

P/N: 3B130EA #ABU

UPC/EAN code: 194850749216

Energy efficiency compliance

ENERGY STAR® certified; EPEAT® Silver registered

Weight

Starting at 1.92 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

1 year limited parts, labour, and pickup and return service; You can expand the warranty coverage of your product to reach up to 3 years in total; for more information go to the "Options and accessories" web section on hp.com product pages.

Included accessories

Sleeve; HP Rechargeable MPP2.0 Tilt Pen

Keyboard

Full size island-style nightfall black backlit 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 not available

Sensors

Accelerometer; Gyroscope; eCompass; IR Thermal sensor

HP Spectre x360 Convertible 15-eb0520na

Warranty services*



3-year pickup and return
UM963E

PC Care pack

Key Selling Points Footnotes

Feature Messaging Footnotes

- 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>.
- ² 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. Wi-Fi 6 (802.11ax) is not supported in Ukraine, Russia, and Indonesia where the Wi-Fi 6 (802.11ax) will be disabled and downgraded to 802.11ac by the Intel's DRS solution.
- ³ Features may require software or other 3rd party applications to provide the described functionality.
- ⁴ USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum.
- ⁵ Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD
- 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.
- 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.
- ⁸ NVIDIA® Max-Q Design can help reduce system heat and noise in thinner form factor PCs. Form factor design and thickness of the system will vary. Overall graphics performance may be lower than alternative graphics solutions that do not utilize Max-Q design.
- 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.
- ¹⁶ 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.

