

HP Spectre x360 2-in-1 Laptop 16-aa0000ca (962Z9UA)



Enhance productivity with the HP Spectre x360 2-in-1 Laptop PC

Elevate your productivity with the HP Spectre x360 16" 2-in-1 Laptop PC. Easily switch between laptop and tablet, and experience the power of built-in AI technology with the latest Intel® Processor^[1] and advanced collaboration technology that adapts to your way of working—all in a responsibly made laptop.



Go further with built-in AI technology

Built-in AI technology, seamless phone connectivity, and advanced security—the HP Spectre lets you do more.

Crush every task faster than ever before

Do far more, faster, on an Intel® Evo™ Platform powered by the latest Intel® Processor.

Intelligent collaboration tools that adapt to you

Show up with a 9MP camera^[2], night mode, appearance filters, and AI noise reduction for seamless connectivity.

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]

Intel® Core™ Ultra

Experience powerful and responsive performance to help your productivity soar. Seamlessly edit, share, and enjoy fantastic 4K entertainment with lightning-fast speed.^[8]

Intel® Arc™

Unleash your imagination with new Intel® Arc™ graphics solutions, hardware, software, and services. All built to help you game, create, and stream—without limits.

OLED display

With display technology that lights each pixel separately, you'll get deeper blacks for richer contrast, enhanced color depth, and more power efficiency than traditional LED screens.

Eyesafe® Certified Display

Eyesafe® certified displays meet TÜV low blue light requirements and Eyesafe® standards for protecting your eyes from harmful blue light without distorting colors to reduce eyestrain when working for long periods of time.



Specifications

Operating system	Windows 11 Home
Product color	Space blue aluminum
Processor family	Intel® Core™ Ultra 7 processor
Processor	Intel® Core™ Ultra 7 155H (up to 4.8 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 16 cores, 22 threads) [6,7]
Chipset	Intel® integrated SoC
Memory	16 GB LPDDR5x-6400 MHz RAM (onboard)
Internal Storage	1 TB PCIe® Gen4 NVMe™ TLC M.2 SSD ^[21]
Product design	Aluminium CNC cover and keyboard, with aluminium stamping base
Graphics	Discrete
Graphics (discrete)	NVIDIA® GeForce RTX™ 4050 Laptop GPU (6 GB GDDR6 dedicated)
Graphics	Integrated
Graphics (integrated)	Intel® Arc™ Graphics
Display	40.6 cm (16") diagonal, 2.8K (2880 x 1800), OLED, multitouch-enabled, 48-120 Hz, UWVA, edge-to-edge glass, micro-edge, anti-reflection Corning® Gorilla® Glass NBT™, Low Blue Light, SDR 400 nits, HDR 500 nits, 100% DCI-P3
Display	16" diagonal, 2.8K (2880 x 1800), OLED, multitouch-enabled, 48-120 Hz, UWVA, edge-to-edge glass, micro-edge, anti-reflection Corning® Gorilla® Glass NBT™, Low Blue Light, SDR 400 nits, HDR 500 nits, 100% DCI-P3 ^[17]
Display size (diagonal)	40.6 cm (16")
Display size (diagonal)	16"
Audio	DTS:X® Ultra; Quad speakers; HP Audio Boost; Poly Studio
Minimum dimensions (W x D x H)	35.68 x 24.55 x 1.98 cm
Minimum dimensions (W x D x H)	14.05 x 9.67 x 0.78 in
Weight	1.95 kg
Weight	4.3 lb
Keyboard	Full-size, backlit, slate blue keyboard
Pointing device	Haptic touchpad
Input devices	Accelerometer; AI chip; eCompass; Gyroscope; IR thermal sensor
Camera	HP Wide Vision 9MP IR camera with camera shutter, temporal noise reduction and integrated dual array digital microphones ^[30]
Ports	1 USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 1 HDMI-out 2.1; 1 headphone/microphone combo; 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1, HP Sleep and Charge) ^[19]
Package dimensions (W x D x H)	13.3 x 44.4 x 34.5 cm
Package weight	3.94 kg
Wireless	Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card ^[12,13]
Power supply type	140 W USB Type-C® power adapter
Battery type	6-cell, 83 Wh Li-ion polymer (^[23])
Battery life	Up to 13 hours and 15 minutes ^[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes ^[5]
Ecolabels	EPEAT® Gold registered ^[27]
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Ocean-bound plastic in speaker enclosure(s) and bezel; Recycled metal in cover, keyboard frame, base and hinge cap(s); Keyboard keycaps and scissors contain post-consumer recycled plastic
Security management	All-in-One keyboard; Trusted Platform Module (Discrete TPM) support
Pre-installed software	Intel® Unison™
Software included	1-month Adobe free trial offer; Xbox Game Pass 1-month free trial; McAfee Online Protection 30-day trial
Cloud service	25 GB Dropbox storage for 12 months ^[1]
UPC number	197961045161

Manufacturer Warranty	1-year limited hardware warranty. Additional information available at www.support.hp.com ; 1-year limited technical support for software and initial setup (from date of purchase) ^[14]
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Top Recommended Displays, Accessories and Services

Personal Systems Consumer Care Pack Services

HP 2 year Pickup and Return Support w/Accidental Damage Protection Envy 17/Spectre/Omen NB	U9EE2E
HP 3 year Pickup and Return Support Envy 17/Spectre/Omen NB	U9EE3E
HP 3 year Pickup and Return Support w/Accidental Damage Protection Envy 17/Spectre/Omen NB	U9EE4E

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.

[2] Camera resolution refers to the image sensor active pixels. The actual image capture pixels depend on the app and/or aspect ratio selected.

[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] Intel and Core are trademarks of Intel Corporation in the U.S. and other countries.

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.

[3] MobileMark 25 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-25/> 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.

[12] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires Windows 11 2024, Intel® Core™ 14th gen processors, and a Wi-Fi 7 router, sold separately. Wi-Fi 7 is backwards compatible with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.

[13] Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license; Bluetooth® 5.3 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.3 will function as Bluetooth® 5.2 or lower.

[14] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited; 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.

[17] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

[19] For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.

[21] Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content; Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially read compared to SATA SSD.

[27] For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device; 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.

[30] Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included; Camera resolution refers to the image sensor active pixels. The actual image capture pixels depend on the app and/or aspect ratio selected.

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Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. See <http://www.microsoft.com>.

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