

HP Spectre x360 2-in-1 Laptop 16-f1176ng (76Q93EA)



Designed to make you look good with uncompromised connection

The HP Spectre x360 Laptop is powered by an Intel® Processor[2] that adapts to you for superior multi-tasking. With a taller display, you can view more content with less scrolling. Look your best thanks to HP GlamCam, an intelligent 5MP camera[3] that keeps you in-frame and well-lit. Plus, protect your well-being with screen time and distance reminders.



HP GlamCam with Auto Frame and Appearance Filter

Look your best on video calls with HP GlamCam, an intelligent 5MP camera with Backlight Adjustment and Auto Frame.

Screen reminders to help protect your well-being

With screen time and distance reminders, you know when it's time to take a screen break or if you're too close.

Made with the planet in mind

Because better feels better, we've included ocean-bound plastic[3] and recycled aluminum[4] in this PC design.

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. [6]

Intel® Iris® X® 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. [7]

3K+ IPS touchscreen display

3072 x 1920 resolution delivers incredible details and lifelike colors. And with touch, you can control your PC right from the screen. [8]

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.

Variable refresh rate

Get the best performance for your creative works, while not sacrificing battery life. VRR technology allows your PC to dynamically adjust its refresh rate based on the frame rate of the content you're viewing.



Specifications

Operating system	Windows 11 Home
Product color	Nightfall black aluminum
Product design	Sandblasted, anodized finish
Processor family	12th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-12700H (up to 4.7 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 20 threads) [6,7]
Chipset	Intel® Integrated SoC
Memory	16 GB DDR4-3200 MT/s (onboard)
Internal Storage	2 TB PCIe® NVMe™ TLC M.2 SSD
Graphics	Integrated
Graphics (integrated)	Intel® Iris® X ^e Graphics
Display	40.6 cm (16") diagonal, 3K+ (3072 x 1920), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, anti-reflection Corning® Gorilla® Glass NBT™, Low Blue Light, 400 nits, 100% sRGB
Screen-to-body ratio (without speakers)	91% ^[18]
Audio	Audio by Bang & Olufsen; Quad speakers; HP Audio Boost
Dimensions (W x D x H)	35.8 x 24.53 x 1.99 cm
Weight	2.01 kg
Package dimensions (W x D x H)	13.6 x 43.1 x 33 cm
Package weight	4.38 kg
Keyboard	Full-size, backlit, nightfall black keyboard
Pointing device	HP Imagepad with multi-touch gesture support
Input devices	Accelerometer; AI chip; eCompass; Color temperature light sensor; Gyroscope; IR Thermal sensor
Camera	HP True Vision 5MP IR camera with camera shutter, temporal noise reduction and integrated dual array digital microphones
Ports	2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 1 AC smart pin; 1 HDMI 2.1; 1 headphone/microphone combo ^[19,20]
Expansion slots	1 microSD media card reader
Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate) ^[11,12]
Power supply type	90 W Smart AC power adapter
Battery type	6-cell, 83 Wh Li-ion polymer ([23])
Battery life	Up to 15 hours ^[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes ^[5]
Battery life video playback	Up to 19 hours
Battery weight	310 g
Ecolabels	EPEAT® Gold registered ^[27]
Energy star certified	ENERGY STAR® certified
Sustainability 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
Security management	All-in-One keyboard; Trusted Platform Module (Discrete TPM) support
Pre-installed software	Duet® for HP (30 day free trial); ExpressVPN (30 day free trial); LastPass Premium (30 day free trial) ^[22,36]
Software included	Concepts Basic included (Concepts Everything 1-month free trial); 1-month Adobe free trial offer
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]
HP apps	HP Support Assistant; HP Connection Optimizer; HP Command Center; OMEN Gaming Hub; HP Display Control; HP Palette; HP Enhanced Lighting; myHP
Cloud service	100 GB Dropbox storage for 3 months ^[1]
UPC number	197029499851

Manufacturer Warranty	2 year (2/2/0) limited warranty includes 2 years of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.
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Top Recommended Displays, Accessories and Services

Wireless Mice

HP 430 Multi-Device Wireless Mouse	3B4Q2AA
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Port Replicators

HP Travel USB-C Multi Port Hub	1C1Y5AA
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Power Adapters

HP USB-C 65W Laptop Charger	671R2AA
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Messaging Footnotes

[2] 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.

[3] Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included.

[4] Laptops manufactured with ocean-bound plastic material in product speaker enclosures and keyboard keycaps contain post-consumer recycled plastic. Percent of recycled materials contained in each component varies by product. Outer Boxes and Fiber Cushions with 100% sustainably sourced and recyclable packaging.

[6] 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>.

[7] 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.

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

Technical Specifications Footnotes

[1] 100 GB of free Dropbox storage for 3 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] 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 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.

[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 6GHz is supported.

[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.

[20] USB 20Gbps is not available.

[22] Reverting to LastPass basic after 30 days.

[24] Must activate within 180 days of Windows activation.

[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.

[36] 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.

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