



HP Spectre x360 2-in-1 Laptop 16-f0010ca (378V1UA)



Overview

Designed to make you look good

Powered by an Intel® processor[1], the HP Spectre x360 16 inch Laptop has a 16:10 3K+ display[2] that lets you see more and scroll less. The Auto Frame feature tracks and centers your face so that you are always in focus during calls. This laptop also protects your well-being by reminding you when to take a break with a screen time reminder.



Intelligent camera

Tracks and frames your face at the center whenever you move so that you are always in the focus during calls.



Made with the planet in mind

This laptop is ENERGY STAR® certified, EPEAT Gold registered[3] and contains sustainable, post-consumer recycled and ocean-bound plastics[4].



Helps protect your well-being

Helps protect your eyes with adaptive dimming and screen time reminders, letting you know when to take a break.

Features



Get a fresh perspective

Windows 11 provides a calm and creative space where you can pursue your passions through a fresh experience. 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.^[5]



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.^[6]



Wi-Fi 6E

Enjoy faster speeds, improved performance, greater capacity and lower latencies than earlier iterations with Wi-Fi 6E technology.^[8]



Exceptional experience, anywhere

11th Gen Intel® Core™ processors bring the perfect combination of features to make you unstoppable. Get things done fast with high performance, instant responsiveness and best-in-class connectivity.^[1]



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.^[7]



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.

[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 is not a measurement of higher performance.

[2] 3K content required to view full 3K images.

[3] 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.

[4] Laptops manufactured with recycled ocean-bound plastic material and post-consumer recycled plastic in product speaker enclosures, and post-consumer recycled plastic in the keyboard caps. Percent of recycled materials contained in each component varies by product.

[5] 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>.

[6] 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.

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

[8] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6E (802.11ax) is backwards compatible with prior 802.11 specs. Wi-Fi 6E is part of Wi-Fi Certified. Only available in countries where Wi-Fi 6E (Tri-band - 2.4Ghz/5Ghz/6Ghz) is supported. 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. The specifications for Wi-Fi 6E 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 6E devices.

Specifications

Operating system	Windows 11 Home
Product color	Nightfall black aluminum, pale brass accents
Processor family	11th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-11390H (up to 5.0 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores, 8 threads) ^[6,7]
Chipset	Intel® Integrated SoC
Memory	16 GB DDR4-3200 MHz RAM (onboard)
Internal Storage	512 GB PCIe® NVMe™ TLC M.2 SSD
Product design	Sandblasted finish
Optical drive	Optical drive not included
Graphics	Integrated
Graphics (integrated)	Intel® Iris® Xe Graphics
Display	40.6 cm (16") diagonal, 3K+ (3072 x 1920), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, Corning® Gorilla® Glass NBT™, Low Blue Light, 400 nits, 100% sRGB
Display	16" diagonal, 3K+ (3072 x 1920), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, Corning® Gorilla® Glass NBT™, Low Blue Light, 400 nits, 100% sRGB ^[17]
Display size (diagonal)	40.6 cm (16")
Display size (diagonal)	16"
Audio	Audio by Bang & Olufsen; Quad speakers; HP Audio Boost
Minimum dimensions (W x D x H)	35.8 x 24.53 x 1.99 cm (Dimensions vary by configuration)
Minimum dimensions (W x D x H)	14.09 x 9.66 x 0.78 in
Weight	2.01 kg (Weight varies by configuration)
Weight	4.45 lb
Keyboard	Full-size, backlit, nightfall black keyboard
Pointing device	HP Imagepad with multi-touch gesture support; Precision Touchpad 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 USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 1 HDMI 2.0b; 1 AC smart pin; 1 headphone/microphone combo ^[19,20]

Expansion slots	1 microSD media card reader
Package dimensions (W x D x H)	13.6 x 43.1 x 33 cm
Package weight	4.38 kg
Wireless	Intel® Wi-Fi 6E AX210 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)
Power supply type	90 W Smart AC power adapter
Battery type	6-cell, 83 Wh Li-ion polymer
Battery life	Up to 17 hours ^[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes ^[5]
Battery weight	0.68 lb
Battery weight	310 g
Ecolabels	EPEAT® registered
Energy star certified	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
Security management	All-in-One keyboard; Trusted Platform Module (Discrete TPM) support
Software included	McAfee LiveSafe™
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]
Cloud service	25 GB Dropbox storage for 12 months ^[1]
UPC number	196188062586

Additional specifications

Additional information about HP	http://www.hp.com
Aggregation UPC group	196068937935 196188062586 196188902899 196337181427 196337334953 196337542075 196337658417 196337673267 196337697478 196337714588 196337714595 196337702646 196337924260 196337172289 196337181403 196337181410 196337181434 196337181441 196337181939 196337181946 196337181960 196337182288 196337215498 196337281196 196337281202 196337393400 196337448186 196337448193 196337491601 196337491618 196337496828 196337671065 196337671072 196337762138 196337762145 196337769816 196337897144 196337918306 196548329236 196548152759 196548165063 196548165094 196548205714 196548261239 196548291571 196548494019 196548502400 196548663729 196786063299 196786418334
Aggregation group name	BV_FE_FAMILY:frozone_21c2_Group_116
Battery capacity	83
Battery capacity uom	Wh
Battery cells number	6
Battery life	Long Life
Battery life video playback	Up to 18 hours and 30 minutes
Battery type	Li-ion polymer
Bluetooth version	Bluetooth® 5.2
Brightness	400 nits
Camera Infrared	IR
Camera brand	HP True Vision
Camera microphone	integrated dual array digital microphones
Camera resolution	5
Camera resolution uom	MP
Camera security	camera shutter
Color	Nightfall black
Color gamut	100% sRGB
Display	16" diagonal 3K+ touch display
Display	40.6 cm (16") diagonal 3K+ touch display
Display bezel	micro-edge
Display brightness	400
Display brightness uom	nits
Display design	edge-to-edge glass
Display glass type	Corning® Gorilla® Glass NBT™

Display panel technology	IPS
Display resolution (pixels)	3072 x 1920
Display resolution standard	3K+
Display size (diagonal) uom	"
Display size (diagonal, imperial)	16
Display size (diagonal, metric)	40.6
Display size (diagonal, metric) uom	cm
Display touchscreen type	touch screen
ECC memory	non-ECC
Fingerprint reader	Fingerprint reader
Keyboard backlight	backlit
Keyboard color	nightfall black
Keyboard size	Full-size
Memory and storage	16 GB memory; 512 GB SSD storage
Memory layout (slots & size)	onboard
Memory module type	DIMM
Memory size	16
Memory size uom	GB
Memory speed	3200
Memory speed uom	MHz
Memory type	DDR4
Number of User-accessible Memory Slots	0
Package depth, imperial (extended size)	16.96
Package depth, imperial (most common size)	16.96
Package depth, metric (extended size)	43.1
Package depth, metric (most common size)	43.1
Package dimensions (W x D x H)	5.35 x 16.96 x 12.99 in
Package height, imperial (extended size)	12.99
Package height, imperial (most common size)	12.99
Package height, metric (extended size)	33

Package height, metric (most common size)	33
Package weight	9.66 lb
Package width, imperial (extended size)	5.94
Package width, imperial (most common size)	5.35
Package width, metric (extended size)	15.1
Package width, metric (most common size)	13.6
Packaging unit of measure (imperial)	in
Packaging unit of measure (metric)	cm
Playbook TS icon OS	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.png
Playbook TS icon battery life	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905264.png
Playbook TS icon connectivity	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201987.png
Playbook TS icon dimensions NB	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08250394.png
Playbook TS icon display NB	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08205649.png
Playbook TS icon graphics	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08169202.png
Playbook TS icon memory	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267700.png
Playbook TS icon processor	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08201972.png
Playbook TS icon storage	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08192819.png
Playbook TS icon weight imperial	http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c05790117.png
Playbook TS icon weight metric	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08267650.png
Processor Brand	Intel®
Processor cache	12 MB L3
Processor core	4
Processor family	Core™ i7
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	11th Generation
Processor maximum frequency	5.0
Processor maximum frequency uom	GHz
Processor model	11390H
Processor threads	8
Product brand name	HP

Product long name specifications	HP Spectre x360 2-in-1 Laptop 16-f0010ca, 16", touch screen, Windows 11 Home, Intel® Core™ i7, 16GB RAM, 512GB SSD, 3K+, Nightfall black
Product short name specifications	HP Spectre x360 2-in-1 Laptop 16-f0010ca, 16", Intel® Core™ i7, 16GB RAM, 512GB SSD
Screen-to-body ratio (without speakers)	91% ^[18]
Storage capacity	512
Storage capacity uom 01	GB
Storage form factor 01	M.2
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage memory technology 01	TLC
Storage type	SSD
Storage type 01	SSD
Stylus	HP Rechargeable MPP2.0 Tilt Pen
Technology logo, print 3	Publication logos/EPEAT_Gold.jpg
Technology logo, print 4	Publication logos/energy_star_logo.jpg
Technology logo, print 6	Publication logos/McAfee_LiveSafe.jpg
Touchscreen	Yes
UNSPSC code	43211503
Wireless Model	Wi-Fi 6E AX210
Wireless antenna	2x2
Wireless standard	Wi-Fi 6E
Wireless supplier	Intel®
Wireless transfer speeds	Supporting Gigabit data rate

[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] 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.

[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.

[20] SuperSpeed USB 20Gbps is not available.

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

Disclaimer — Copyright

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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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