



HP Spectre x360 Convertible 15-eb0010ng (16S18EA)



Overview

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.



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.

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.

Features



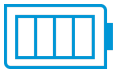
Windows 10

Do great things confidently with the familiar feel of Windows – only better. Be more secure, more productive, and get more personal with preinstalled features and enhancements like Windows Hello and Cortana.^[1]



NVIDIA® GeForce® MX 330

Supercharge your PC for work and play. Get higher graphics performance for smooth gaming and accelerated editing, while GeForce® Experience enables capturing and sharing videos, driver updates, and live streaming of games- allowing you to do it all.^[3]



Liberating battery life

Take on your day without worrying about recharging. With up to 8 hours and 15 minutes of battery life, you can work, watch more, and spend more of your time totally untethered.^[5]



10th Generation Intel® Core™ processor

Uncompromised performance and productivity whether plugged in or on the go. Enjoy immersive gaming and premium streaming with up to 4K stunning resolution wherever you go.^[2]



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.^[4]



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.^[6]

[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>. Some features including voice supported Cortana, inking, and Continuum require more advanced hardware. See www.windows.com. Apps sold separately.

[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, branding and/or naming is not a measurement of higher performance. Internet service required and not included. 4K content required to view full 4K images. Graphics output may be limited based on the maximum resolution of the display.

[3] Internet access required and not included

[4] 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.

[5] 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.

[6] Features may require software or other 3rd party applications to provide the described functionality.

Specifications

Operating system	Windows 10 Home 64
Product color	Nightfall black aluminum, copper luxe accents
Processor family	10th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-10510U (1.8 GHz base frequency, up to 4.9 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) ^[6,7]
Chipset	Intel® Integrated SoC
Memory	16 GB DDR4-2666 SDRAM (onboard)
Internal Storage	1 TB Intel® PCIe® NVMe™ M.2 SSD
Product design	Sandblasted, anodized finish
Optical drive	Optical drive not included
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics
Display	39.6 cm (15.6") diagonal, 4K UHD (3840 x 2160), AMOLED, multitouch-enabled, UWVA, edge-to-edge glass, micro-edge, anti-reflection Corning® Gorilla® Glass NBT™, 400 nits, 100% DCI-P3
Display size (diagonal)	39.6 cm (15.6")
Audio features	Audio by Bang & Olufsen, quad speakers, HP Audio Boost 2.0
Minimum dimensions (W x D x H)	35.99 x 22.64 x 1.99 cm (Dimensions vary by configuration)
Weight	Starting at 1.92 kg (Weight varies by configuration)
Keyboard	Full-size, island-style, backlit, nightfall black keyboard with numeric keypad
Pointing device	HP Imagepad with multi-touch gesture support; Precision Touchpad Support
Input devices	Accelerometer; Gyroscope; eCompass; IR Thermal sensor
Webcam	HP True Vision 720p HD IR camera with integrated dual array digital microphones
Ports	1 Thunderbolt™ 3 (40Gbps signaling rate) with SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.2, HP Sleep and Charge); 1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.2, HP Sleep and Charge); 1 HDMI 2.0a; 1 SuperSpeed USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 1 AC smart pin; 1 headphone/microphone combo
Expansion slots	1 microSD media card reader
Package dimensions (W x D x H)	14.5 x 45.5 x 34.5 cm
Package weight	3.9 kg
Wireless	Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds) ^[11,12,13,16]

Power supply type	135 W Smart AC power adapter
Battery type	6-cell, 72.9 Wh Li-ion polymer
Battery life	Up to 8 hours and 15 minutes ^[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes ^[5]
Battery weight	280 g
Energy efficiency	ENERGY STAR® certified; EPEAT® Silver registered
Special features	Touch display
Security management	Mic Mute key; Webcam kill switch; Trusted Platform Module (TPM) support
Pre-installed software	Alexa; Netflix; ExpressVPN (30 day free trial); LastPass Premium (30 day free trial) ^[22]
Software included	McAfee LiveSafe™
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]
Cloud service	Dropbox ^[1]
UPC number	195122059354
Warranty	2 year limited parts, labour, and pickup and return service
Limited warranty coverage and exceptions	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.
What's in the box	Sleeve; HP Rechargeable MPP2.0 Tilt Pen

Additional specifications

Additional information about HP	http://www.hp.com
Battery capacity	72.9
Battery capacity uom	Wh
Battery cells number	6
Battery life video playback	Up to 9 hours and 30 minutes
Battery type	Li-ion polymer
Bluetooth version	Bluetooth® 5
Brightness	400 nits
Color gamut	100% DCI-P3
Datasheet photo 1	AHID/7efbff4aad123a1f25ab9d780ecef45d5ef7ca50
Datasheet photo 2	AHID/9af33c1388f989dcafd8770a043487a89476f7c0
Datasheet photo 3	AHID/93181f17e8357916cd434167831b9fe97eb29249
Datasheet photo 4	AHID/375b8ce353c9b2222ae472f9e2a3993698e3cbcf
Datasheet photo 5	Publication logos/pc-carepack-logo.jpg
Display backlight	AMOLED
Display bezel	micro-edge
Display brightness	400
Display brightness uom	nits
Display design	edge-to-edge glass
Display glass type	anti-reflection Corning® Gorilla® Glass NBT™
Display panel technology	UWVA
Display resolution (pixels)	3840 x 2160
Display resolution standard	4K UHD
Display size (diagonal) uom	"
Display size (diagonal, imperial)	15.6
Display size (diagonal, metric)	39.6
Display size (diagonal, metric) uom	cm
Display surface treatment	BrightView
Display touchscreen type	multitouch-enabled
ECC memory	No
Fingerprint reader	Fingerprint reader
Graphics	Discrete
Graphics (discrete)	NVIDIA® GeForce® MX330 (2 GB GDDR5 dedicated)

Graphics card brand	NVIDIA®
Graphics card family	GeForce®
Graphics card form factor	PCIe x16
Graphics card memory size	2
Graphics card memory size uom	GB
Graphics card memory type	GDDR5
HP apps	HP 3D DriveGuard; HP Audio Switch; HP Command Center; HP JumpStart; HP Support Assistant
MDA key selling point	Windows 10 Home or other operating systems available
Memory and storage	16 GB memory; 1 TB SSD storage; 32 GB Intel® Optane™ Memory for storage acceleration
Memory layout (slots & size)	Onboard
Memory module type	DIMM
Memory size	16
Memory size uom	GB
Memory speed	2666
Memory speed uom	MHz
Memory type	DDR4
Model Number	MX330
Number of User-accessible Memory Slots	0
Number of memory slots	1
Processor Brand	Intel®
Processor base frequency	1.8
Processor base frequency uom	GHz
Processor cache	8 MB L3
Processor core	4
Processor family	Core™ i7
Processor frequency technology	Intel® Turbo Boost Technology
Processor generation	10th Generation
Processor maximum frequency	4.9
Processor maximum frequency uom	GHz
Processor model	10510U
Processor speed	1.8 GHz
Processor threads	8
Product brand name	HP

Product language options	#ABD
Service description	3-year pickup and return
Storage acceleration	32 GB Intel® Optane™ memory ^[9]
Storage brand 01	Intel®
Storage capacity 01	1
Storage capacity uom 01	TB
Storage form factor 01	M.2
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
Technology logo, print 3	Publication logos/EPEAT_silver_3C11.jpg
Technology logo, print 4	Publication logos/energy_star_logo.jpg
Technology logo, print 6	Publication logos/mcafee_logo_with_tag_new.jpg
Touchscreen	Yes
Wireless Model	Wi-Fi 6 AX201
Wireless antenna	2x2
Wireless standard	Wi-Fi 6
Wireless supplier	Intel®

[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.

[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 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.

[9] Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system.

[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).

[22] Reverting to LastPass basic after 30 days.

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

Batteries/Chargers/Adapters

★ : Recommended

AC Adapters

HP 65W USB-C Slim Travel Power Adapter

7EZ26AA ★

Power Adapters

HP Pavilion USB-C™ to HDMI 2.0 Adapter

2PC54AA

Keyboards/Mice and Input Devices

Keyboard and Mouse Kits

HP Pavilion Wireless Keyboard and Mouse 800 (Black)

4CE99AA ★

HP C2710 Combo Keyboard

M7P30AA

HP Pavilion Keyboard and Mouse 200

9DF28AA

HP Pavilion Wired Keyboard and Mouse 400

4CE97AA

HP Pavilion Wireless Keyboard and Mouse 800

4CF00AA

HP Wired Combo C2500

H3C53AA

HP Wired Keyboard and Mouse 160

6HD76AA

HP Wireless Keyboard and Mouse 300

3ML04AA

Mice

HP Spectre Rechargeable Mouse 700 (Turbo Silver)

3NZ71AA ★

HP ENVY Rechargeable Mouse 500

2LX92AA ★

HP Bluetooth Travel Mouse

6SP25AA ★

HP Bluetooth® Mouse Z5000

2HW67AA

HP Bluetooth® Mouse Z5000

E5C13AA

HP Dual Mode Black Mouse 300

6CR71AA

HP Elite Presenter Mouse

3YF38AA

HP Pavilion Gaming Mouse 200

5JS07AA

HP Pavilion Gaming Mouse 300

4PH30AA

HP Spectre Rechargeable Mouse 700

4YH34AA

HP Spectre Rechargeable Mouse 700 (Bordeaux Burgundy)

5VD59AA

HP Spectre Rechargeable Mouse 700 (Luxe Cooper)

3NZ70AA

HP Wired Mouse 100

6VY96AA

HP Wired Mouse 1000	4QM14AA	
HP Wireless Mouse 200	X6W31AA	
HP Wireless Mouse 200 (Empress Red)	2HU82AA	
HP Wireless Mouse 200 (Pike Silver)	2HU84AA	
HP Wireless Mouse 200 (Silk Gold)	2HU83AA	
HP Wireless Mouse 220	3FV66AA	
HP Wireless Mouse 220 (Lumiere Blue)	7KX11AA	
HP Wireless Mouse 220 (Snow White)	7KX12AA	
HP Wireless Mouse 220 (Sunset Red)	7KX10AA	
HP Wireless Mouse 250	3FV67AA	
HP Wireless Mouse X200	6VY95AA	
HP Wireless Mouse Z3700	7UH85AA	
HP Wireless Mouse Z3700	7UH86AA	obsolete
HP Wireless Mouse Z3700	7UH88AA	
HP Wireless Mouse Z3700	7UH89AA	
HP Wireless Mouse Z3700 - White/Pink	4VY82AA	
HP Wireless Mouse Z4000	H5N61AA	
HP X220 Backlit Gaming Mouse	8DX48AA	
HP X4500 Wireless (Metal Black) Mouse	H2W26AA	
HP X500 Wired Mouse	E5E76AA	
HP X900 Wired Mouse	V1S46AA	obsolete
HP Z3700 Black Wireless Mouse	V0L79AA	
HP Z3700 Blue Wireless Mouse	V0L81AA	
HP Z3700 Gold Wireless Mouse	X7Q43AA	
HP Z3700 Red Wireless Mouse	V0L82AA	
HP Z3700 Silver Wireless Mouse	X7Q44AA	
HP Z3700 White Wireless Mouse	V0L80AA	
HP Z5000 Dark Ash Silver Wireless Mouse	W2Q00AA	
OMEN Vector Essential Mouse	8BC52AA	
OMEN Vector Mouse	8BC53AA	
OMEN Vector Wireless Mouse	2B349AA	
OMEN by HP Mouse 400	3ML38AA	obsolete
OMEN by HP Mouse 600	1KF75AA	obsolete
OMEN by HP Photon Wireless Mouse	6CL96AA	
OMEN by HP Reactor Mouse	2VP02AA	
OMEN by HP Reactor Mouse	7ZF19AA	obsolete

Keyboards

HP Pavilion Wireless Keyboard 600 Black	4CE98AA ★	
HP K1500 Keyboard	H3C52AA	
HP Keyboard 100	2UN30AA	
HP Pavilion Gaming Keyboard 550	9LY71AA	
HP Pavilion Gaming Keyboard 800	5JS06AA	
HP Pavilion Wired Keyboard 300	4CE96AA	
HP Pavilion Wireless Keyboard 600 White	4CF02AA	
OMEN Spacer Wireless TKL Keyboard	9BU31AA	
OMEN by HP Encoder Keyboard	6YW75AA	
OMEN by HP Encoder Keyboard	6YW76AA	
OMEN by HP Keyboard 1100	1MY13AA	obsolete
OMEN by HP Sequencer Keyboard	2VN99AA	

Pointing Devices

HP Pen	1MR94AA	
HP Rechargeable MPP 2.0 Tilt Pen (Black)	3J122AA	
HP Rechargeable MPP 2.0 Tilt Pen (Silver)	3J123AA	
HP Tilt Pen	2MY21AA	

Cases and Covers

Backpacks

HP Spectre Folio Backpack	8GF06AA ★	
HP ENVY Urban 39.62 cm (15.6") Backpack	3KJ72AA ★	
HP Renew 15 Navy Backpack	1A212AA ★	
HP 15.6 Odyssey Backpack	7XG61AA	
HP 15.6 Odyssey Backpack	7XG62AA	
HP 15.6 Odyssey Sport Backpack - Facets Grey	5WK93AA	
HP 15.6 Odyssey Sport Backpack - Facets White	5WK92AA	
HP 15.6 in Value Backpack	K0B39AA	
HP 15.6 in Value Topload Case	K0B38AA	
HP 17.3 in OMEN Gaming Backpack	K5Q03AA	
HP 39.62 cm (15.6") Active Backpack (Black/Mint Green)	1LU22AA	
HP 39.62 cm (15.6") Active Backpack (Grey/Neon Yellow)	1LU23AA	
HP 39.62 cm (15.6") Pavilion Accent Backpack Black/Gold	4QF96AA	

HP 39.62 cm (15.6") Pavilion Accent Backpack Black/Silver	4QF97AA	
HP Commuter Backpack (Black)	5EE91AA	
HP Commuter Backpack (Blue)	5EE92AA	obsolete
HP ENVY Urban 14 Sleeve	7XG59AA	
HP ENVY Urban 14 Tote	7XG58AA	
HP ENVY Urban 15 Backpack	7XG56AA	
HP ENVY Urban 15 Topload Black	7XG57AA	
HP ENVY Urban 35.56 cm (14") Sleeve	3KJ71AA	
HP ENVY Urban 39.62 cm (15.6") Briefcase	3KJ73AA	
HP Pavilion Gaming Backpack 400	6EU57AA	
HP Pavilion Gaming Backpack 500	6EU58AA	
HP Pavilion Tech Backpack	5EF00AA	
HP Pavilion Wayfarer Backpack	5EE95AA	
HP Renew 15 Grey Backpack	1A211AA	
OMEN Transceptor 15 Backpack	7MT84AA	
OMEN Transceptor 15 Rolltop Backpack	7MT83AA	
OMEN by HP Gaming Backpack	4YJ80AA	

Covers

HP 39.62 cm (15.6") Black/Blue Neoprene Sleeve	V5C31AA
HP 39.62 cm (15.6") Black/Red Neoprene Sleeve	V5C30AA
HP 39.62 cm (15.6") Carry Sleeve Black/Gold	3XD35AA
HP 39.62 cm (15.6") Carry Sleeve Black/Silver	3XD36AA
HP 43.94 cm (17.3") Carry Sleeve Black/Gold	3XD37AA
HP ENVY Urban 39.62 cm (15.6") Sleeve	3KJ70AA
HP Envy Urban 15.6 Sleeve	7XG60AA

Cases

HP 39.62 cm(15.6") Pavilion Accent Black/Gold	4QF94AA
HP 39.62 cm(15.6") Pavilion Accent Black/Silver	4QF95AA
HP 43.94 cm (17.3") Value Topload Case	T0E18AA
HP Renew 14 Grey Slim Briefcase	1A214AA
HP Renew 14 Navy Slim Briefcase	1A215AA
HP Spectre Folio Top Load	8GF07AA
OMEN Transceptor 17 Duffel Bag	7MT82AA

Docking and Port Replicators

Docking Stations

HP Thunderbolt Dock 120W with HDMI Adapter	6HP48AA ★
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Cables/Cable Kits/Cable Adapters

Cable Adapters

HP Spectre USB-C Travel Dock	2SR85AA ★	
HP Spectre USB-C™ Power Pack	2XF31AA	obsolete
HP USB Type-C to RJ45 Adapter	V8Y76AA	
HP USB-C to HDMI/ USB 3.0/ USB-C	1BG94AA	
HP USB-C to USB-A Hub	Z8W90AA	obsolete
HP USB-C to VGA Display Adapter	P7Z54AA	

Networking Products

Switches/Hubs/Routers/Converters/Repeaters

HP ENVY USB-C Hub	5LX63AA ★
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Audio/Multimedia and Communication Devices

Headsets

HP Bluetooth Headset 500	2J875AA	
HP Earbuds Black Headset 150	X7B04AA	
HP In-Ear Headset 150 (Marine Blue)	2AP91AA	
HP Stereo Headset H2800 (Black w. Silk Gold)	2AP94AA	
HP Stereo Headset H2800 (White w. Pike Silver)	2AP95AA	
HP X1000 Wireless Gaming Headset	7HC42AA	
HP X1000 Wireless Gaming Headset	7HC43AA	
OMEN Frequency Wireless Headset	9FL60AA	obsolete
OMEN by HP Headset 800	1KF76AA	
OMEN by HP Mindframe Prime Headset	6MF35AA	
OMEN by HP Mindframe Prime Headset	6MF36AA	
Omen X by HP Mindframe Headset	3XT27AA	obsolete

Speakers

HP Gaming Speakers X1000	8PB07AA
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Headphones

OMEN Dyad Earbuds

8JE67AA

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter

X1B84AA

PC Drives and Storage

PC DVD+RW Drives

HP USB External DVDRW Drive

F6V97AA

Application Software

★ : Recommended

Desktop Application Software

Microsoft Office 2016 Home and Business Software	X7Q47AA	obsolete
Microsoft Office 2016 Home and Student Software	X7Q46AA	obsolete

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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, 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>.

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