HP ENVY x360 Convert 15-ee0780ng (189N0EA)

Overview

Made to follow your creative lead

Create on-the-go with a convertible laptop designed to move with you. The power of a 360 degree hinge combined with the simultaneous use of touch and pen[2] make for vibrant, accurate creations. With a long battery life and peace of mind features, you can create from day to night with ease.

The power to bring your creations to life

With the powerful AMD Ryzen processor[1] with Radeon Graphics, a long battery life, ample SSD storage and HP Command Center, your creative possibilities are endless.

Privacy for your peace of mind

Keep it confidential with an unhackable camera shutter and dedicated microphone mute button.

Thoughtfully designed

The vivid, Full high definition micro-edge display[3] ensures colors are vibrant and accurate. The 360 degree hinge adapts so you can capture every intricate sketch with precision.

Features

Windows 10

Do great things confidently with the familiar feel of Windows - only better.[4]

AMD Ryzen™ 7 Processor

Tap into truly impressive notebook performance. A revolutionary new architecture with amazing battery life that delivers exceptional multi-threaded processing and Vega graphics for intensive multimedia tasks.[5]

AMD Radeon™ graphics

Whether it's games or movies, experience high performance for all your entertainment.

All-metal chassis

See and feel a heightened sense of craftsmanship with an all-metal angular chassis design, polished accents, and high-quality materials built to last.[6]

Battery life for long days

Extend your day into the night with up to 11 hours and 30 minutes of battery life. Longer battery life means you can keep going beyond your day without recharging.[7]

PCIe SSD storage

Boot up in seconds with lightning fast speed with up to 1 TB PCIe SSD storage.

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[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. AMD's numbering is not a measurement of clock speed.

[2] Pen or stylus sold separately.

[3] Full high-definition (FHD) content required to view FHD images.

[4] 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.

[5] 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. AMD's numbering is not a measurement of clock speed.

[6] Wood grain pattern will vary by PC.

[7] 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.

Specifications

Operating system	Windows 10 Home 64
Product color	Nightfall black aluminum
Processor family	AMD Ryzen™ 7 processor
Processor	AMD Ryzen™ 7 4700U (2.0 GHz base clock, up to 4.1 GHz max boost clock, 8 MB L3 cache, 8 cores)[6,7]
Chipset	AMD Integrated SoC
Memory	16 GB DDR4-3200 MHz RAM (2 x 8 GB)
Internal Storage	1 TB PCIe® NVMe™ M.2 SSD
Product design	Sandblasted, anodized finish
Optical drive	Optical drive not included
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Display	39.6 cm (15.6") diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, 250 nits, 45% NTSC
Display size (diagonal)	39.6 cm (15.6")
Audio features	Audio by Bang & Olufsen; 3 speakers; HP Audio Boost 2.0
Minimum dimensions (W x D x H)	35.8 x 23 x 1.89 cm *(Dimensions vary by configuration)*
Weight	2 kg *(Weight varies by configuration)*
Keyboard	Full-size, 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 Wide Vision 720p HD camera with camera shutter and integrated dual array digital microphones
Ports	1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 2.0; 1 AC smart pin; 1 headphone/microphone combo[19]
Expansion slots	1 multi-format SD media card reader
Package dimensions (W x D x H)	6.9 x 55.2 x 30.5 cm
Package weight	2.86 kg
Wireless	Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo[14]
Power supply type	65 W AC power adapter

Battery type	3-cell, 51 Wh Li-ion polymer
Battery life	Up to 11 hours and 30 minutes[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes[5]
Battery weight	210 g
Ecolabels	ENERGY STAR® certified; EPEAT® Silver registered
Security management	All-in-One keyboard; Camera Shutter
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	195122190187
Manufacturer 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.

Additional specifications

Additional information about HP	http://www.hp.com
Battery capacity	51
Battery capacity uom	Wh
Battery cells number	3
Battery life	Long Life
Battery life video playback	Up to 13 hours
Battery type	Li-ion polymer
Bluetooth version	Bluetooth® 5
Brightness	250 nits
Color	Nightfall black
Color gamut	45% NTSC
Datasheet photo 1	AHID/7a3ef8b9bd0e90ada3f5e351e50efe12e0753036
Datasheet photo 2	AHID/221169c26f278424d72d06da5969fc5259d1c349
Datasheet photo 3	AHID/4c44ad8e9bdab2a6dfb906f0f34f4a716c6612a3
Datasheet photo 4	AHID/c9e3bbfe4c9435d98788bb3e7f13d9f57ad91b7c
Datasheet photo 5	Publication logos/pc-carepack-logo.jpg
Display bezel	micro-edge
Display brightness	250
Display brightness uom	nits
Display design	edge-to-edge glass
Display panel technology	IPS
Display resolution (pixels)	1920 x 1080
Display resolution standard	FHD
Display size (diagonal) uom	"
Display size (diagonal, imperial)	15.6
Display size (diagonal, metric)	39.6
Display size (diagonal, metric) uom	cm
Display touchscreen type	touch screen
ECC memory	No
Fingerprint reader	Fingerprint reader
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
Memory layout (slots & size)	2 x 8 GB
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
Number of memory slots	2
Package depth, imperial (extended size)	21.73
Package depth, imperial (most common size)	20.47
Package depth, metric (extended size)	55.2
Package depth, metric (most common size)	52
Package height, imperial (extended size)	12
Package height, imperial (most common size)	12
Package height, metric (extended size)	30.5
Package height, metric (most common size)	30.5
Package width, imperial (extended size)	2.71
Package width, imperial (most common size)	2.71
Package width, metric (extended size)	6.9
Package width, metric (most common size)	6.9
Packaging unit of measure (imperial)	in
Packaging unit of measure (metric)	cm
Processor Brand	AMD
Processor base frequency	2.0
Processor base frequency uom	GHz

Processor cache	8 MB L3
Processor core	8
Processor family	Ryzen™ 7
Processor maximum frequency	4.1
Processor maximum frequency uom	GHz
Processor model	4700U
Processor threads	8
Product brand name	HP
Product language options	#ABD
Service description	3-year pickup and return
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 2	Publication logos/AMD RYZEN LOGO.jpg
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	RTL8822CE
Wireless antenna	2x2
Wireless standard	802.11a/b/g/n/ac
Wireless supplier	Realtek

[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. AMD's numbering is not a measurement of clock speed.

[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

[14] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11ac) is backwards compatible with prior Wi-Fi 5 specs.

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

[22] Reverting to LastPass basic after 30 days.

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

Accessories

Cases and Covers

★ : Recommended

Covers

HP 15.6 Sleeve	**14V33AA ★**	
HP ENVY Urban 39.62 cm (15.6") Sleeve	**3KJ70AA ★**	
HP 35.56 cm (14") Carry Sleeve Black/Silver	3XD34AA	obsolete
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	obsolete
HP 39.62 cm (15.6") Carry Sleeve Black/Silver	3XD36AA	obsolete
HP 39.62 cm (15.6") Neoprene Reversible Sleeve	2TX17AA	
HP 39.62 cm (15.6") Neoprene Reversible Sleeve (Black/Gold)	2UF60AA	
HP 39.62 cm (15.6") Neoprene Reversible Sleeve (Black/Silver)	2UF62AA	
HP 43.94 cm (17.3") Carry Sleeve Black/Gold	3XD37AA	
HP Envy Urban 15.6 Sleeve	7XG60AA	obsolete
HP Lightweight 15.6 Laptop Sleeve	1G6D6AA	
HP Reversible Protective 15.6-inch Blue Laptop Sleeve	2F1X7AA	
HP Reversible Protective 15.6-inch Geo Laptop Sleeve	2F2L0AA	
HP Reversible Protective 15.6-inch Gold Laptop Sleeve	2F2K6AA	
HP Reversible Protective 15.6-inch Mauve Laptop Sleeve	2F1W8AA	
HP Reversible Protective 15.6-inch Silver Laptop Sleeve	2F2K5AA	
OMEN Transceptor 15 Sleeve	3J044AA	

Backpacks

HP Renew 15 Grey Backpack	**1A211AA ★**
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") Black Odyssey Backpack	L8J88AA
HP 39.62 cm (15.6") Gray Odyssey Backpack	L8J89AA
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 39.62 cm(15.6") Classic Backpack	1FK05AA	
HP Commuter Backpack (Black)	5EE91AA	
HP ENVY Urban 14 Sleeve	7XG59AA	obsolete
HP ENVY Urban 14 Tote	7XG58AA	obsolete
HP ENVY Urban 15 Backpack	7XG56AA	obsolete
HP ENVY Urban 15 Topload Black	7XG57AA	obsolete
HP ENVY Urban 35.56 cm (14") Sleeve	3KJ71AA	
HP ENVY Urban 39.62 cm (15.6") Backpack	3KJ72AA	
HP ENVY Urban 39.62 cm (15.6") Briefcase	3KJ73AA	
HP Lightweight 15.6 Laptop Backpack	1G6D3AA	
HP Pavilion Gaming Backpack 300	6EU56AA	
HP Pavilion Gaming Backpack 500	6EU58AA	
HP Prelude 15.6-inch Backpack	2Z8P3AA	
HP Renew 15 Navy Backpack	1A212AA	
HP Renew Travel 15.6-inch Backpack	2Z8A3AA	
HP Spectre Folio Backpack	8GF06AA	
OMEN Transceptor 15 Backpack	7MT84AA	
OMEN Transceptor 15 Rolltop Backpack	7MT83AA	

Cases

HP 15.6 SMB Topload Case	T0F83AA
HP 39.62 cm (15.6") Focus Topload	T9B50AA
HP 39.62 cm (15.6") SMB Backpack Case	T0F84AA
HP 39.62 cm (15.6") Signature Slim Topload Case	L6V68AA
HP 39.62 cm(15.6") Classic Briefcase	1FK07AA
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") Signature Slim Topload Case	T0E19AA
HP 43.94 cm (17.3") Value Topload Case	T0E18AA
HP Lightweight 15.6 Laptop Bag	1G6D5AA
HP Prelude 15.6-inch Laptop Bag	2Z8P4AA
HP Renew 14 Grey Slim Briefcase	1A214AA
HP Renew 14 Navy Slim Briefcase	1A215AA
HP Renew 15 Grey Topload	1A213AA
HP Renew 15 Navy Topload	1A218AA
HP Renew Travel 15.6-inch Laptop Bag	2Z8A4AA

HP Spectre Folio Top Load	8GF07AA
OMEN Transceptor 17 Duffel Bag	7MT82AA

Keyboards/Mice and Input Devices

Mice

HP Pavilion Gaming Mouse Pad 400	**5JH72AA ★**
HP Pavilion Gaming Mouse Pad 300	**4PZ84AA ★**
HP Spectre Rechargeable Mouse 700 (Turbo Silver)	**3NZ71AA ★**
HP ENVY Rechargeable Mouse 500	**2LX92AA ★**
OMEN by HP Mouse Pad 300	**1MY15AA ★**
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 Silver 930 Creator Wireless Mouse	1D0K9AA
HP Spectre Rechargeable Mouse 700	4YH34AA
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	258A1AA
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	7UH88AA
HP Wireless Mouse Z3700 - White/Pink	4VY82AA

HP Wireless Mouse Z4000	H5N61AA ★	
HP Wireless Silent 280M Mouse	19U64AA	
HP X1500 Mouse	H4K66AA	obsolete
HP X220 Backlit Gaming Mouse	8DX48AA	
HP X4500 Wireless (Black) Mouse	H2W16AA	obsolete
HP X500 Wired Mouse	E5E76AA	
HP Z3700 Black Wireless Mouse	26V63AA	
HP Z3700 Black Wireless Mouse	V0L79AA	
HP Z3700 Blue Wireless Mouse	V0L81AA	
HP Z3700 Ceramic White Wireless Mouse	171D8AA	
HP Z3700 Forest Teal Wireless Mouse	171D9AA	
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 Photon Wireless Mouse	6CL96AA	
OMEN by HP Reactor Mouse	2VP02AA	

Keyboard and Mouse Kits

HP Pavilion Wireless Keyboard and Mouse 800 (Black)	**4CE99AA ★**
HP 230 Wireless Mouse and Keyboard Combo	18H24AA
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 Keyboard and Mouse 160	6HD76AA
HP Wireless Keyboard and Mouse 300	3ML04AA

Keyboards

HP Pavilion Wireless Keyboard 600 Black	**4CE98AA ★**
HP K2500 Wireless Keyboard	E5E78AA
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 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

Audio/Multimedia and Communication Devices

Headsets

HP Stereo Headset H2800 (Black w. Silk Gold)	**2AP94AA ★**	
HP Earbuds Black Headset 150	**X7B04AA ★**	
HP X1000 Wireless Gaming Headset	**7HC43AA ★**	
HP Bluetooth Headset 500	2J875AA	
HP In-Ear Headset 150 (Marine Blue)	2AP91AA	
HP Pavilion Gaming Headset 400	4BX31AA	
HP Pavilion Gaming Headset 600	4BX33AA	
HP X1000 Wireless Gaming Headset	7HC42AA	
OMEN Blast Headset	1A858AA	
OMEN by HP Headset 800	1KF76AA	obsolete
OMEN by HP Mindframe Prime Headset	6MF35AA	
OMEN by HP Mindframe Prime Headset	6MF36AA	

Speakers

HP Black Bluetooth Speaker 350	2D802AA
HP Black Bluetooth Speaker 360	2D799AA
HP Blue Bluetooth Speaker 350	2D803AA
HP Gaming Speakers X1000	8PB07AA
HP Silver Bluetooth Speaker 350	2D804AA

Headphones

HP Wireless Earbuds G2	169H9AA
OMEN Dyad Earbuds	8JE67AA

Networking Products

Switches/Hubs/Routers/Converters/Repeaters

HP ENVY USB-C Hub	5LX63AA

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Cable Adapter	X1B84AA

Batteries/Chargers/Adapters

Power Adapters

HP Pavilion USB-C™ to HDMI 2.0 Adapter	2PC54AA

Docking and Port Replicators

Docking Stations

HP Travel USB-C Multi Port Hub	1C1Y5AA
HP USB-C Travel Hub G2	235N8AA

PC Drives and Storage

PC DVD+RW Drives

HP USB External DVDRW Drive	F6V97AA

Cables/Cable Kits/Cable Adapters

Cable Adapters

HP USB Type-C to RJ45 Adapter	V8Y76AA
HP USB-C to HDMI 2.0	1WC36AA
HP USB-C to RJ45 Adapter	V7W66AA
HP USB-C to USB-A Hub	Z6A00AA
HP USB-C to VGA Adapter	N9K76AA
HP USB-C to VGA Display Adapter	P7Z54AA

HP Home Monitors

★ : Recommended

HP Home LCD Monitors

HP U28 4K HDR Monitor	**1Z980AA ★**

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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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