HP ENVY x360 Convert 15-eu1073cl (644F0UA)
Active as of 3/16/2022

Overview

Fuel your creativity with power and precise color

The HP ENVY x360 15.6" 2-in-1 is a carefully crafted touchscreen laptop with a powerful AMD Ryzen™ Processor[1]. Featuring a HD display[2] and narrow bezels, you can see your more of your digital world. Enjoy peace of mind with added security features like an integrated fingerprint reader[3], physical camera shutter and microphone mute button.

Power and precise color to fuel your creations plus innovative privacy features.

List Price

$1,286.11

Wirelessly share across devices

Easily share photos, videos, and files between your mobile devices and HP ENVY over Wi-Fi with HP QuickDrop.

Enhanced security features

Keep you and your work secure with an integrated fingerprint reader[3], privacy camera shutter, and mute mic button.

Power your creativity with an AMD Processor

Bring your ideas and creativity to life with the power and performance of an AMD Ryzen™ Processor[1] and Radeon™ Graphics.

AMD Ryzen™ 5000 Series Processors with Radeon™ Graphics

Awaken your senses to refreshing speed, with the confidence to unplug and go further. New AMD Ryzen™ 5000 Series Processors bring your experiences to life - delivering everything you need, and so much more.[1]

FHD IPS display

Enjoy crystal-clear images from any angle. With 178° wide-viewing angles and a vibrant 1920 x 1080 resolution, you'll always have a great view of your favorite content.[6]

Ocean-bound plastic

Built with the environment in mind, our laptop design includes sustainable materials like ocean-bound plastic in the speaker enclosure and recycled aluminum. [8]

Specifications

Operating system
Windows 11 Home

Processor family
AMD Ryzen™ 7 processor

Processor
AMD Ryzen™ 7 5825U (up to 4.5 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads) [6, 7] [1]

Chipset
AMD Integrated SoC

Sustainable impact specifications
Ocean-bound plastic in speaker enclosure(s); Recycled metal in cover, keyboard frame and base; Keyboard keycaps made with post-consumer recycled plastic

Security management
All-in-One keyboard; Trusted Platform Module (Firmware TPM) support

Memory
16 GB DDR4-3200 MHz RAM (2 x 8 GB)

Memory layout (slots & size)
2 x 8 GB

Internal Storage
512 GB PCIe® NVMe™ M.2 SSD

Cloud service
25 GB Dropbox storage for 12 months

Display
15.6" diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, 250 nits, 45% NTSC

Display size (diagonal)
15.6"

Graphics
Integrated

Graphics (integrated)
AMD Radeon™ Graphics

Ports
1 SuperSpeed USB Type-C® 10Gbps 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 SuperSpeed USB Type-A 10Gbps signaling rate; 1 HDMI 2.1; 1 AC smart pin; 1 headphone/microphone combo

Expansion slots
1 multi-format SD media card reader

Camera
HP Wide Vision 720p HD camera with camera shutter, temporal noise reduction and integrated dual array digital microphones

Audio
Audio by Bang & Olufsen; Dual speakers; HP Audio Boost

Pointing device
HP Imagepad with multi-touch gesture support; Precision Touchpad support

Keyboard
Full-size, backlit, nightfall black keyboard

Input devices
Accelerometer; eCompass; Gyroscope; IR Thermal sensor

Wireless
MediaTek Wi-Fi 6 MT7921 (2x2) and Bluetooth® 5.2 combo (supporting gigabit data rate)

Power supply type
65 W AC power adapter

Battery type
3-cell, 51 Wh Li-ion polymer

Ecolabels
EPEAT® registered

Energy star certified
ENERGY STAR® certified

Product design
Sandblasted, anodized finish

Product color
Nightfall black aluminum

Minimum dimensions (W x D x H)
14.13 x 8.98 x 0.72 in

Weight
4.11 lb

UPC number
196548065820

Package dimensions (W x D x H)
2.71 x 19.4 x 12 in

Package weight
6.94 lb

Software included
McAfee LiveSafe™

Overview

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 High-definition (HD) content required to view HD images.
3 Internet service required and not included.
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 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 Full high-definition (FHD) content is required to view FHD images.
7 The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.

Specifications

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.

Detailed Specifications

Additional information about HP
http://www.hp.com

Aggregation group name
BV_FE_FAMILY:mel_22c1_Group_341

Aggregation UPC group
196337777705 196337991828 196548023219 196548065820 196548394722

Aspect ratio
16:9

Audio
Audio by Bang & Olufsen; Dual speakers; HP Audio Boost

Battery capacity
51

Battery capacity uom
Wh

Battery cells number
3

Battery life
Long Life

Battery life
Up to 11 hours and 15 minutes

Battery life footnote number
[3]

Battery life video playback
Up to 14 hours

Battery life video playback footnote number
[10]

Battery recharge time
Supports battery fast charge: approximately 50% in 30 minutes

Battery recharge time footnote number
[5]

Battery type
3-cell, 51 Wh Li-ion polymer

Battery type
Li-ion polymer

Battery weight
0.46 lb

Battery weight
210 g

Bluetooth version
Bluetooth® 5.2

Brightness
250 nits

Camera
HP Wide Vision 720p HD camera with camera shutter, temporal noise reduction and integrated dual array digital microphones

Camera brand
HP Wide Vision

Camera microphone
integrated dual array digital microphones

Camera resolution (vertical)
720p

Camera resolution standard
HD

Camera security
camera shutter

Chipset
AMD Integrated SoC

Cloud service
25 GB Dropbox storage for 12 months

Cloud service footnote number
[1]

Code name
Mel_22C1

Color
Nightfall black

Color gamut
45% NTSC

Copyright notice
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Dimensions (W x D x H) Note
Dimensions vary by configuration

Display
15.6" diagonal FHD touch display

Display
15.6" diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, 250 nits, 45% NTSC

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)
15.6"

Display size (diagonal)
39.6 cm (15.6")

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
non-ECC

Ecolabels
EPEAT® registered

Energy star certified
ENERGY STAR® certified

Expansion slots
1 multi-format SD media card reader

External I/O ports footnote number
[19]

Fingerprint reader
Fingerprint reader

Graphics
Integrated

Graphics (integrated)
AMD Radeon™ Graphics

Image legal disclaimer
Product image may differ from actual product

Input devices
Accelerometer; eCompass; Gyroscope; IR Thermal sensor

Internal Storage
512 GB PCIe® NVMe™ M.2 SSD

Keyboard
Full-size, backlit, nightfall black keyboard

Keyboard backlight
backlit

Keyboard color
nightfall black

Keyboard size
Full-size

Legal disclaimer
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.

Memory
16 GB DDR4-3200 MHz RAM (2 x 8 GB)

Memory and storage
16 GB memory; 512 GB SSD storage

Memory layout (slots & size)
2 x 8 GB

Memory module type
DIMM

Memory Note
Transfer rates up to 3200 MT/s.

Memory size
16

Memory size uom

GB

Memory speed
3200

Memory speed uom
MHz

Memory type
DDR4

Minimum dimensions (W x D x H)
14.13 x 8.98 x 0.72 in

Minimum dimensions (W x D x H)
35.9 x 22.82 x 1.84 cm

Number of memory slots
2

Number of User-accessible Memory Slots
0

Operating system
Windows 11 Home

Package depth, imperial (extended size)
21.73

Package depth, imperial (most common size)
19.4

Package depth, metric (extended size)
55.2

Package depth, metric (most common size)
49.3

Package dimensions (W x D x H)
2.71 x 19.4 x 12 in

Package dimensions (W x D x H)
6.9 x 49.3 x 30.5 cm

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 weight
3.14 kg

Package weight
6.94 lb

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

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 OS
http://h10003.www1.hp.com/digmedialib/prodimg/lowres/c03905482.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

Pointing device
HP Imagepad with multi-touch gesture support; Precision Touchpad support

Ports
1 SuperSpeed USB Type-C® 10Gbps 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 SuperSpeed USB Type-A 10Gbps signaling rate; 1 HDMI 2.1; 1 AC smart pin; 1 headphone/microphone combo

Power supply type
65 W AC power adapter

Processor
AMD Ryzen™ 7 5825U (up to 4.5 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads)

Processor Brand
Intel®

Processor cache
16 MB L3

Processor core
8

Processor family
AMD Ryzen™ 7 processor

Processor family
Ryzen™ 7

Processor maximum frequency
4.5

Processor maximum frequency uom
GHz

Processor model
5825U

Processor name footnote number
[6,7]

Processor threads

Product brand name
HP

Product color
Nightfall black aluminum

Product design
Sandblasted, anodized finish

Product long name specifications
HP ENVY x360 Convert 15-eu1073cl, Windows 11 Home, 15.6", touch screen, Intel® Ryzen™ 7, 16GB RAM, 512GB SSD, FHD, Nightfall black

Product long name specifications V2
HP ENVY x360 Convert 15, Windows 11 Home, 15.6", touch screen, Intel® Ryzen™ 7, 16GB RAM, 512GB SSD, FHD, Nightfall black

Product short name specifications
HP ENVY x360 Convert 15-eu1073cl, 15.6", Intel® Ryzen™ 7, 16GB RAM, 512GB SSD

Screen-to-body ratio (without speakers)
88.67%

Screen-to-body ratio (without speakers) footnote number
[18]

Security management
All-in-One keyboard; Trusted Platform Module (Firmware TPM) support

Software - Productivity & finance
1 month trial for new Microsoft 365 customers

Software - productivity & finance footnote number
[24]

Software footnote number
[2]

Software included
McAfee LiveSafe™

Storage capacity
512

Storage capacity uom 01
GB

Storage form factor 01
M.2

Storage interface 01
PCIe®

Storage interface protocol 01
NVMe™

Storage type
SSD

Storage type 01
SSD

Sustainable impact specifications
Ocean-bound plastic in speaker enclosure(s); Recycled metal in cover, keyboard frame and base; Keyboard keycaps made with post-consumer recycled plastic

Sustainable impact specifications footnote number
[39,40,41]

Tech spec footnote
[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.

Tech spec footnote

[10] Battery life tested by HP using continuous FHD video playback, 1080p (1920x1080) resolution, 150 nits brightness, system audio level at 17%, player audio level at 100%, played full-screen from local storage, headphone attached, wireless on but not connected. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage.

Tech spec footnote
[18] Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.

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

Tech spec footnote
[2] Free 30 day subscription of McAfee LiveSafe service included. Internet access required and not included. Subscription required after expiration.

Tech spec footnote
[23] Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.

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

Tech spec footnote
[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.

Tech spec footnote
[39] Percentage of ocean-bound plastic contained in each component varies by product.

Tech spec footnote
[40] Laptops manufactured with recycled metal material in product cover. Percentage of recycled metal varies by product.

Tech spec footnote
[41] Keyboard keycap contains post-consumer recycled plastic. Percentage of Post consumer recycled contained in each component varies by product.

Tech spec footnote
[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.

Tech spec footnote
[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.

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

Touchscreen
Yes

Trademark information
All other trademarks are the property of their respective owners.

UNSPSC code
43211503

UPC number
196548065820

Weight
1.86 kg

Weight
4.11 lb

Weight note (metric)
Weight varies by configuration

Wireless
MediaTek Wi-Fi 6 MT7921 (2x2) and Bluetooth® 5.2 combo (supporting gigabit data rate)

Wireless antenna
2x2

Wireless Note
MU-MIMO supported

Wireless standard
Wi-Fi 6

Wireless supplier
MediaTek

Wireless transfer speeds
Supporting Gigabit data rate