ProductSheet

HP Envy x360 2-in-1 Laptop 15-fh0023dx (7H1T1UA)

A laptop that makes every experience an experience

The HP Envy x360 2-in-1 Laptop PC levels up your work or downtime in every possible way, with an enhanced responsive touchscreen, amazing audio, and advanced collaboration technology—all backed a design with recycled materials, serious power, plus all the apps and security features you need for an unstoppable you.



Get your hustle on with the power to do it all
Bring power to all you do with the latest AMD Processor[1], responsive touchscreen, and built-in security.

Turn your laptop into your personal theatre
Enjoy the best seat in the house with a vibrant display and audio by Bang & Olufsen for a cinematic experience.

Do more, use less, feel good
Do the planet a solid with a responsibly designed laptop made using recycled metals and plastics[2].

Featuring

Windows 11

IPS

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. [3]

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. [4]

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. [5]

Flicker-free
Using DC Dimming technology that controls brightness by adjusting direct current rather than cycling the backlight, we can eliminate screen flickering for more comfortable viewing. [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. [7]

Specifications

Operating system	Windows 11 Home
Product color	Nightfall black aluminum
Processor family	AMD Ryzen™ 7 processor
Processor	AMD Ryzen™ 7 7730U (up to 4.5 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads)[6,7]
Chipset	AMD integrated SoC
Memory	16 GB LPDDR4x-4266 MHz RAM (onboard)
Internal Storage	512 GB PCIe® NVMe™ M.2 SSD
Product design	Sandblasted, anodized finish
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	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")
Display size (diagonal)	15.6"
Audio	Audio by Bang & Olufsen; Dual speakers; HP Audio Boost
Minimum dimensions (W x D x H)	35.73 x 22.84 x 1.83 cm
Minimum dimensions (W x D x H)	14.07 x 8.99 x 0.72 in
Weight	Starting at 1.82 kg
Weight	Starting at 4.03 lb
Keyboard	Full-size, backlit, nightfall black opaque keyboard
Pointing device	HP Imagepad
Input devices	Accelerometer; eCompass; Gyroscope; IR thermal sensor
Camera	HP Wide Vision 5MP IR camera with temporal noise reduction and integrated dual array digital microphones
Ports	2 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 1 USB Type-A 10Gbps signaling rate; 1 HDMI 2.1; 1 headphone/microphone combo[19]
Expansion slots	1 multi-format SD media card reader
Package dimensions (W x D x H)	6.9 x 52 x 30.5 cm
Package weight	3.12 kg
Wireless	Realtek Wi-Fi 6E (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)
Power supply type	65 W USB Type-C® power adapter
Battery type	4-cell, 55 Wh Li-ion polymer *([23])*
Battery life	Up to 12 hours and 30 minutes[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes[5]
Ecolabels	EPEAT® Gold registered
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Ocean-bound plastic in speaker enclosure(s) and bezel; Recycled metal in cover, keyboard frame, base and hinge cap(s); Keyboard keycaps and scissors contain post-consumer recycled plastic
Security management	Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
Software included	McAfee Online Protection 30-day trial
Software - Productivity & finance	1 month trial for new Microsoft 365 customers[24]
Cloud service	25 GB Dropbox storage for 12 months[1]
UPC number	197192369586

Top Recommended Displays, Accessories and Services

HP Home Monitors	
HP U32 4K HDR Monitor	368Y5AA
HP U32 4K HDR Monitor	368Y6AA
HP U28 4K HDR Monitor	1Z978AA
HP U28 4K HDR Monitor	1Z979AA
HP U28 4K HDR Monitor	1Z980AA

Messaging Footnotes

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

[3] 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.

[4] 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.

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

[6] The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.

[7] Percentage of ocean-bound plastic contained in each component varies by product. Laptops manufactured with recycled aluminum material in product cover. Percent of recycled aluminum varies by product.

Technical Specifications Footnotes

[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 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.

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

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

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