ProductSheet

HP Envy x360 2-in-1 Laptop 16-ac0023dx (9S1R6UA)

Enjoy seamless multitasking with an AI-powered 2-in-1 PC

Power your passion with the HP Envy x360 16" 2-in-1 Laptop PC featuring AI tech and the latest Intel® processor[1] to optimize processing speed and battery life for smooth multitasking. Plus its 2-in-1 design lets you switch from laptop to tablet. Made with recycled materials and plastic-free packaging, this laptop PC is good for you and the planet.



Elevate your productivity with built-in AI
Conquer your workday with built-in AI processing power for optimized battery life and seamless multitasking.

The right tools for every task
Seamlessly connect your smartphone to transfer files and enjoy crystal-clear connections with the 5MP camera.

Form meets function
Go from laptop to tablet and back again, plus enjoy plenty of screen space thanks to a 16:10 screen ratio.

Featuring

Windows 11

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. [5]

Game without compromise. Go beyond performance with Intel Core Ultra Processors.
Be everything you want to be, in-game and out with optimized performance and new features. Play harder and work smarter with Intel Core Processors. [6]

Intel® Graphics
With Intel® Arc™ graphics1 built-in, AI powers advanced creation and gameplay. Enjoy the high performance needed for accelerated creation and immersive high-resolution gaming, even while on-the-go. [7]

Micro Edge display
By squeezing a larger screen into a smaller frame, this ultra-thin, barely visible bezel revolutionizes your display's appearance with a beautifully efficient design.

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. [8]

Specifications

Operating system	Windows 11 Home
Product color	Glacier silver
Processor family	Intel® Core™ Ultra 7 processor
Processor	Intel® Core™ Ultra 7 155U (up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads) [6,7]
Chipset	Intel® integrated SoC
Memory	16 GB LPDDR5-6400 MT/s (onboard)
Internal Storage	1 TB PCIe® Gen4 NVMe™ M.2 SSD[21]
Product design	Sandblasted anodized finish
Graphics	Integrated
Graphics (integrated)	Intel® Graphics
Display	16" diagonal, WUXGA (1920 x 1200), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, 300 nits, 62.5% sRGB[17,35]
Display size (diagonal)	40.6 cm (16")
Display size (diagonal)	16"
Audio	DTS:X® Ultra; Dual speakers; HP Audio Boost; Poly Studio
Minimum dimensions (W x D x H)	35.67 x 24.58 x 1.82 cm
Minimum dimensions (W x D x H)	14.04 x 9.68 x 0.72 in
Weight	1.87 kg
Weight	4.14 lb
Keyboard	Full-size, backlit, soft grey keyboard
Pointing device	HP Imagepad
Input devices	Accelerometer; Gyroscope; IR thermal sensor
Camera	5MP IR camera with temporal noise reduction and integrated dual array digital microphones[30]
Ports	1 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-out 2.1; 1 headphone/microphone combo; 1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1, HP Sleep and Charge)[19]
Package dimensions (W x D x H)	8 x 43 x 31.5 cm
Package weight	3.13 kg
Wireless	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card[11,12,13]
Power supply type	65 W USB Type-C® power adapter
Battery type	4-cell, 68 Wh Li-ion polymer *([23])*
Battery life	Up to 13 hours and 15 minutes[3]
Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes[5]
Ecolabels	EPEAT® Gold registered[27]
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic; Recycled metal in cover, keyboard frame, base, hinge cap(s) and keyboard supporting plate
Security management	Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
Pre-installed software	Intel® Unison™; Otter.ai; Copilot in Windows with Copilot key[36]
Software included	1-month Adobe free trial offer; Xbox Game Pass 1-month free 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	198122036547
Manufacturer Warranty	1-year limited hardware warranty. Additional information available at www.support.hp.com; 90 days limited technical support for software and initial setup (from date of purchase)[14]

Top Recommended Displays, Accessories and Services

Series 5	
HP Series 5 31.5 inch FHD Monitor - 532sf	94F50AA
HP Series 5 27 inch FHD Height Adjust Monitor - 527sh	94C50AA
HP Home Monitors	
HP M27fq QHD Monitor	2H4B5AA
Personal Systems Consumer Care Pack Services	
HP 2 year Pickup and Return Support w/Accidental Damage Protection Pavilion / Envy 13 14 15 NB	U9ED8E
HP 3 year Pickup and Return Support Pavilion / Envy 13 14 15 NB	U9ED9E
HP 3 year Pickup and Return Support w/Accidental Damage Protection Pavilion / Envy 13 14 15 NB	U9EE0E

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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[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 Core are trademarks of Intel Corporation in the U.S. and other countries.

[7] Intel® Arc™ graphics only available on select H-series Intel® Core™ Ultra processor powered systems with at least 16GB of system

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

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] MobileMark 25 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-25/ 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.

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[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information.

[11] 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.

[12] Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported.

[13] Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license; Bluetooth® 5.3 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.3 will function as Bluetooth® 5.2 or lower.

[14] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited; Call 1.800.474.6836 or support.hp.com for more information on Care Packs available after standard warranty expires. After standard warranty expires, an incident fee may apply.

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

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

[21] Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content; Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially read compared to SATA SSD.

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

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

[30] Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included; Camera resolution refers to the image sensor active pixels. The actual image capture pixels depend on the app and/or aspect ratio selected.

[35] WUXGA content required to view WUXGA images.

[36] Intel® Unison™ solution is currently only available on eligible Intel® Evo™ designs on Windows-based PCs and only pairs with Android- or iOS-based phones; all devices must run a supported OS version. See intel.com/performance-evo for details, including set-up requirements. Results may vary.

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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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