ProductSheet HP ENVY x360 Convert 13-ay1020nn (599M9EA)



Limitless creation, from anywhere

Ready whenever inspiration strikes. Bring true-to-life, vibrant visuals to your screen anywhere, anytime with this versatile, convertible PC with long battery life. Simultaneously use the touch and pen input to capture every detail of your sketches and rest easy knowing your creations are under wraps until you're ready to share them.



The power to bring your creations to life

With an AMD Processor[1] with powerful graphics, a long battery life, ample SSD storage and HP Command Center, you get performance to meet your creative needs.

Thoughtfully designed

Ideas come to life in vibrant color with the high definition, micro-edge display[2]. The 360 degree hinge adapts so can capture every intricate sketch with precision.

Privacy for your peace of mind

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

Featuring

Get a fresh perspective

Windows 11 provides a calm and creative space where you can pursue your passions through a fresh experience. 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™ 5 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]

HP Wide Vision HD Camera

The 88-degree, wide-angle field of view lets you video chat with the entire family or group of friends in crystal clear detail.^[6]

SuperSpeed USB Type-C[®] Power + Display + 10Gbps signaling rate

Plug in your external storage with this SuperSpeed USB Type-A port, featuring 5Gbps signaling data rate. ^[7]





Specifications

Operating system	Windows 11 Home	
Product color	Ceramic white aluminum	
Processor family	AMD Ryzen™ 5 processor	
Processor	AMD Ryzen™ 5 5600U (up to 4.2 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads) ^[6,7]	
Chipset	AMD Integrated SoC	
Memory	16 GB DDR4-3200 MHz RAM (onboard)	
Internal Storage	512 GB PCIe [®] NVMe™ M.2 SSD	
Product design	Sandblasted, anodized finish	
Optical drive	Optical drive not included	
Graphics	Integrated	
Graphics (integrated)	AMD Radeon™ Graphics	
Display	33.8 cm (13.3") diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, BrightView, Corning® Gorilla® Glass NBT™, 1000 nits, 72% NTSC, HP Sure View integrated privacy screen	
Display	13.3" diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, BrightView, Corning® Gorilla® Glass NBT™, 1000 nits, 72% NTSC, HP Sure View integrated privacy screen	
Display size (diagonal)	33.8 cm (13.3")	
Display size (diagonal)	13.3"	
Audio	Audio by Bang & Olufsen; Dual speakers; HP Audio Boost	
Minimum dimensions (W x D x H)	30.65 x 19.46 x 1.64 cm (Dimensions vary by configuration)	
Minimum dimensions (W x D x H)	12.07 x 7.66 x 0.65 in	
Weight	1.3 kg (Weight varies by configuration)	
Weight	2.87 lb	
Keyboard	Full-size, backlit, ceramic white keyboard	
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 AC smart pin; 1 headphone/microphone combo ^[19]	
Expansion slots	1 microSD media card reader	
Package dimensions (W x D x H)	6.9 x 48.3 x 30.5 cm	
Package weight	2.42 kg	
Wireless	Realtek Wi-Fi 6 (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	
Battery life	Up to 13 hours and 45 minutes ^[3]	
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes ^[5]	
Battery weight	0.46 lb	
Battery weight	210 g	
Ecolabels	EPEAT [®] registered	
Energy star certified	ENERGY STAR [®] certified	
Security management	All-in-One keyboard	
Software included	McAfee LiveSafe™	
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]	
Cloud service	25 GB Dropbox storage for 12 months ^[1]	
UPC number	196337374676	

Top Recommended Displays, Accessories and Services

Backpacks	
HP ENVY Urban 15 Backpack	3KJ72AA
HP Renew Backpack	1A212AA
Cases	
HP ENVY Urban 15.6 Briefcase	7XG57AA

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] HD (High Definition) content required to view HD images.

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

[7] Actual throughput may vary.

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.

[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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