eDatasheet

HP ENVY x360 Laptop - 13-ay0003nf (159W0EA)

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 Ryzen Series Processor[1] with Radeon 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. 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

Windows 10

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

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. [5]

AMD Radeon™ graphics

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

Authentic wood accents. Crafted to be as unique as you.

This exquisitely designed PC is accented with a one-of-a-kind, authentic wood grain pattern. The precision touchpad and retained wood texture is crafted for a seamless and warm experience. ^[6]

Brilliant BrightView panel

Perfect for an ideal indoor experience, get a bright, clear picture for all your videos, photos, and documents.











Specifications

Operating system	Windows 10 Home 64	
Product color	Nightfall black aluminum	
Processor family	AMD Ryzen™ 5 processor	
Processor	AMD Ryzen™ 5 4500U (2.3 GHz base clock, up to 4.0 GHz max boost clock, 8 MB L3 cache, 6 cores) ^[6,7]	
Chipset	AMD Integrated SoC	
Memory	8 GB DDR4-3200 SDRAM (onboard)	
Internal Storage	256 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™, 300 nits, 72% NTSC	
Display	13.3" diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, BrightView, Corning® Gorilla® Glass NBT™, 300 nits, 72% NTSC	
Display size (diagonal)	33.8 cm (13.3")	
Display size (diagonal)	13.3"	
Audio features	Audio by Bang & Olufsen; Dual speakers; HP Audio Boost 2.0	
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	1.32 kg (Weight varies by configuration)	
Weight	2.92 lb	
Keyboard	Full-size, backlit, nightfall black 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	
Function clots	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 RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo	
Power supply type	65 W AC power adapter	
Battery type	3-cell, 51 Wh Li-ion	
Battery life	Up to 13 hours and 15 minutes ^[3]	
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes ^[5]	
Battery weight	7.4 oz	
Battery weight	210 g	
Energy efficiency	ENERGY STAR® certified; EPEAT® Silver registered	
Security management	All-in-One keyboard; Camera Shutter	
Pre-installed software	Netflix	
Software included	McAfee LiveSafe™	
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]	
Cloud service	Dropbox ^[1]	
UPC number	194850971013	

Top Recommended Displays, Accessories and Services

Backpacks	
HP ENVY Urban 15 Backpack	3KJ72AA
HP ENVY Urban 15.6 Briefcase	7XG57AA
HP Renew Backpack	1A212AA
Keyboard and Mouse Kits	
HP Pavilion Wireless Keyboard and Mouse 800	4CE99AA
Mice	
HP Spectre Rechargeable Mouse 700	3NZ71AA
HP ENVY Rechargeable Mouse 500	2LX92AA
HP Bluetooth Travel Mouse	6SP25AA
Keyboards	
HP Pavilion Wireless Keyboard 600	4CE98AA
AC Adapters	
HP 65W USB-C Slim Travel Power Adapter	7EZ26AA
HP 65W Smart Power AC Adapter	W5D56AA
Cable Adapters	
HP Spectre USB-C Travel Dock	2SR85AA
Switches/Hubs/Routers/Converters/Repeaters	
HP ENVY USB-C Hub	5LX63AA

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.
- [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.

Technical Specifications Footnotes

- [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.
- [19] HP Sleep and Charge requires USB Type-A/Type-C charging protocol standard cable or dongle with external device for full functionality.
- [24] Must activate within 180 days of Windows activation.

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