



**HP ENVY x360 13-ay0505na AMD Ryzen™ 7 4700U Hybrid (2-in-1)  
33.8 cm (13.3") Touchscreen Full HD 16 GB DDR4-SDRAM 512 GB  
SSD Wi-Fi 5 (802.11ac) Windows 10 Home Black**



**Brand :** HP

**Product family:** ENVY x360

**Product code:** 2S901EA

**Product name :** 13-ay0505na

- Windows 10 Home 64-bit
- AMD Ryzen 7 4700U (8MB Cache, 2GHz)
- 33.8 cm (13.3") Full HD 1920 x 1080 IPS Touch
- 16GB (3200MHz) DDR4-SDRAM & 512GB SSD
- AMD Ryzen 7 4700U (8MB Cache, 2GHz), 16GB DDR4-SDRAM, 512GB SSD, 33.8 cm (13.3") Full HD 1920 x 1080 IPS Touch, AMD Radeon Graphics, WLAN, HP Wide Vision HD, Windows 10 Home 64-bit

HP ENVY x360 13-ay0505na AMD Ryzen™ 7 4700U Hybrid (2-in-1) 33.8 cm (13.3") Touchscreen Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Home Black:

**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<sup>[2]</sup> input to capture every detail of your sketches and rest easy knowing your creations are under wraps until you're ready to share them.



Design		Network	
Product type *	Hybrid (2-in-1)	Ethernet LAN	✗
Product colour *	Black	Bluetooth	✓
Form factor *	Convertible (Folder)	Bluetooth version	5.0
Market positioning	Premium	Miracast	✓
Country of origin	China	MIMO	✓
<b>Display</b>		MIMO type	Multi User MIMO
Display diagonal *	33.8 cm (13.3")	<b>Ports &amp; interfaces</b>	
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Touchscreen *	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HD type	Full HD	Combo headphone/mic port	✓
Panel type	IPS	Charging port type	DC-in jack
LED backlight	✓	USB Power Delivery	✓
Native aspect ratio	16:9	USB Sleep-and-Charge	✓
Anti-glare screen	✓	USB Sleep-and-Charge ports	2
Display glass type	Gorilla Glass	<b>Performance</b>	
Display bezel technology	Micro-Edge	Motherboard chipset	AMD SoC
Display brightness	300 cd/m <sup>2</sup>	Electronic compass	✓
Display diagonal (metric)	33.8 cm	Accelerometer	✓
RGB colour space	NTSC	Gyroscope	✓
Colour gamut	72%	<b>Keyboard</b>	
NTSC coverage (typical)	72%	Pointing device	Touchpad
<b>Processor</b>		Numeric keypad *	✗
Processor manufacturer *	AMD	Keyboard backlight	✓
Processor family *	AMD Ryzen™ 7	Island-style keyboard	✓
Processor model *	4700U	Full-size keyboard	✓
Processor cores	8	<b>Software</b>	
Processor threads	8	Operating system architecture	64-bit
Processor boost frequency	4.1 GHz	Pre-installed software	Alexa; Netflix
Processor frequency *	2 GHz	Trial software	Microsoft Office 365; ExpressVPN ; LastPass Premium; McAfee LiveSafe
Processor cache	8 MB		
Processor cache type	L3		

<b>Memory</b>		<b>Software</b>	
Internal memory *	16 GB	Operating system installed *	Windows 10 Home
Internal memory type	DDR4-SDRAM	Bundled software	Dropbox
Memory clock speed	3200 MHz	<b>Brand-specific features</b>	
Memory form factor	SO-DIMM	HP JumpStart	✓
Memory slots	1x SO-DIMM	HP 3D DriveGuard	✓
ECC	✗	HP Audio Boost	✓
<b>Storage</b>		HP Audio Boost generation	Gen 2
Total storage capacity *	512 GB	HP speaker type	HP Dual Speakers
Storage media *	SSD	HP Audio Switch	✓
Total SSDs capacity	512 GB	HP Support Assistant	✓
Number of SSDs installed	1	HP Smart AC Adapter	✓
SSD capacity	512 GB	HP front camera	HP Wide Vision HD
SSD interface	NVMe	HP segment	Home
NVMe	✓	<b>Battery</b>	
SSD form factor	M.2	Battery technology	Lithium Polymer (LiPo)
Optical drive type *	✗	Number of battery cells	3
Card reader integrated	✓	Battery capacity *	51 Wh
Compatible memory cards	MicroSD (TransFlash)	Battery life (max)	13.25 h
<b>Graphics</b>		Continuous video playback time	13.25 h
Discrete graphics card model *	Not available	Fast charging	✓
On-board graphics card *	✓	Fast charging time (50%)	30 min
Discrete graphics card *	✗	Battery weight	210 g
On-board graphics card model *	AMD Radeon Graphics	<b>Power</b>	
<b>Audio</b>		AC adapter power	65 W
Audio system	Bang & Olufsen	<b>Security</b>	
Number of built-in speakers	2	Fingerprint reader	✓
Built-in microphone	✓	<b>Sustainability</b>	
<b>Camera</b>		Sustainability certificates	EPEAT Silver, ENERGY STAR
Front camera	✓	<b>Weight &amp; dimensions</b>	
Front camera HD type	HD	Width	306.5 mm
<b>Network</b>		Depth	194.6 mm
Wi-Fi	✓	Height	16.4 mm
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Weight *	1.32 kg
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	<b>Packaging data</b>	
Mobile network connection *	✗	Package width	69 mm
Antenna type	2x2	Package depth	483 mm
WLAN controller model	Realtek RTL8822CE	Package height	305 mm
WLAN controller manufacturer	Realtek	Package weight	2.42 kg



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