



# HP ENVY 17-cr0295nd Intel® Core™ i7 i7-1255U Laptop 43.9 cm (17.3") 4K Ultra HD 16 GB DDR4-SDRAM 1 TB SSD NVIDIA GeForce RTX 2050 Wi-Fi 6E (802.11ax) Windows 11 Home Silver



**Brand :** HP

**Product family:** ENVY

**Product code:** 6F871EA#ABH

**Product name :** 17-cr0295nd

HP ENVY 17-cr0295nd. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1255U, Processor frequency: 3.5 GHz. Display diagonal: 43.9 cm (17.3"), HD type: 4K Ultra HD, Display resolution: 3840 x 2160 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Home. Product colour: Silver

Design		Network	
Colour name	Natural silver aluminum	Bluetooth	✓
Product type *	Laptop	Bluetooth version	5.3
Product colour *	Silver	Miracast	✓
Form factor *	Clamshell	MIMO	✓
Market positioning	Premium	MIMO type	Multi User MIMO
Introduction year	2022	Ports & interfaces	
Country of origin	China	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Original brand name	HP	HDMI ports quantity *	1
Display		HDMI version	2.1
Display diagonal *	43.9 cm (17.3")	Thunderbolt 4 ports quantity	2
Display resolution *	3840 x 2160 pixels	Intel® Thunderbolt 4	✓
Touchscreen *	✗	Combo headphone/mic port	✓
HD type	4K Ultra HD	USB Type-C DisplayPort Alternate Mode	✓
Panel type	IPS	USB Sleep-and-Charge	✓
LED backlight	✓	USB Sleep-and-Charge ports	3
Native aspect ratio	16:9	Performance	
Display glass type	Edge to Edge Glass	Motherboard chipset	Intel SoC
Display bezel technology	Micro-Edge	Ambient light sensor	✓
Display brightness	400 cd/m <sup>2</sup>	Accelerometer	✓
Display diagonal (metric)	43.9 cm	Temperature sensor	✓
RGB colour space	DCI-P3	Keyboard	
Colour gamut	100%	Pointing device	Touchpad
Processor		Numeric keypad *	✓
Processor manufacturer *	Intel	Keyboard backlit	✓
Processor family *	Intel® Core™ i7	Full-size keyboard	✓
Processor generation	12th gen Intel® Core™ i7	Keyboard layout	QWERTY
Processor model *	i7-1255U		
Processor cores	10		
Processor threads	12		
Processor boost frequency	4.7 GHz		
Processor frequency *	3.5 GHz		
Processor cache	12 MB		

<b>Processor</b>		<b>Software</b>	
Processor cache type	L3	Trial software	McAfee LiveSafe, Microsoft Office 365
Configurable TDP-down	12 W	Operating system installed *	Windows 11 Home
<b>Memory</b>		<b>Processor special features</b>	
Internal memory *	16 GB	Intel Flex Memory Access	✓
Internal memory type	DDR4-SDRAM	Intel Trusted Execution Technology	✓
Memory clock speed	3200 MHz	Intel VT-x with Extended Page Tables (EPT)	✓
Memory form factor	SO-DIMM	Execute Disable Bit	✓
Memory layout (slots x size)	2 x 8 GB	CPU configuration (max)	1
Memory slots	2x SO-DIMM	Embedded options available	✗
Number of free internal memory expansion slots	2	Intel Virtualization Technology for Directed I/O (VT-d)	✓
ECC	✗	Intel Virtualization Technology (VT-x)	✓
Non-ECC	✓	<b>Brand-specific features</b>	
<b>Storage</b>		HP Audio Boost	✓
Total storage capacity *	1 TB	HP speaker type	HP Dual Speakers
Storage media *	SSD	HP Imagepad	✓
Total SSDs capacity	1 TB	HP front camera	HP TrueVision 5MP
Number of SSDs installed	1	HP segment	Home
SSD capacity	1 TB	<b>Battery</b>	
SSD interface	PCI Express, NVMe	Battery technology	Lithium Polymer (LiPo)
NVMe	✓	Number of battery cells	4
SSD form factor	M.2	Battery capacity *	55 Wh
Optical drive type *	✗	Battery life (max)	7.25 h
Card reader integrated	✓	Continuous video playback time	10.5 h
Compatible memory cards	SD	Fast charging	✓
<b>Graphics</b>		Fast charging time (50%)	30 min
Discrete GPU manufacturer	NVIDIA	Battery weight	240 g
Discrete graphics card model *	NVIDIA GeForce RTX 2050	<b>Power</b>	
Discrete graphics card memory	4 GB	AC adapter power	90 W
Discrete graphics memory type	GDDR6	AC adapter frequency	50 - 60 Hz
On-board graphics card *	✓	AC adapter input voltage	100 - 240 V
On-board GPU manufacturer	Intel	USB Type-C charging port *	✓
Discrete graphics card *	✓	USB Power Delivery (USB PD)	✓
On-board graphics card model *	Intel Iris Xe Graphics	<b>Security</b>	
<b>Audio</b>		Trusted Platform Module (TPM)	✓
Audio system	B&O PLAY	Password protection	✓
Built-in speaker(s)	✓	Password protection type	BIOS, Power on, User
Number of built-in speakers	2	<b>Sustainability</b>	
Speakers manufacturer	Bang & Olufsen	Sustainability compliance	✓
Built-in microphone	✓	Sustainability certificates	EPEAT Gold, ENERGY STAR
<b>Camera</b>		<b>Weight &amp; dimensions</b>	
Front camera	✓	Width	398.2 mm
Front camera HD type	HD	Depth	259 mm
Infrared (IR) camera	✓	Height	19.6 mm
Privacy camera	✓	Weight *	2.49 kg
Privacy type	Privacy shutter	<b>Packaging data</b>	
<b>Network</b>		Package width	69 mm
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Package depth	552 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Package height	345 mm
Mobile network connection *	✗	Package weight	3.7 kg
Antenna type	2x2	<b>Packaging content</b>	
WLAN controller model	Intel Wi-Fi 6E AX211	Keyboard included	✓
WLAN controller manufacturer	Intel		
Ethernet LAN	✗		

**Other features**

Number of speakers 2



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