



# HP ENVY 17m-cg0013dx Intel® Core™ i7 i7-1065G7 Laptop 17.3" Touchscreen Full HD 12 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce MX330 Wi-Fi 6 (802.11ax) Windows 10 Home Silver

Brand : HP

Product family: ENVY

Article code: 9XM78UA

Product name : 17m-cg0013dx



- Windows 10 Home 64-bit
- Intel Core i7-1065G7 (8MB Cache, 1.3GHz)
- 43.9 cm (17.3") Full HD 1920 x 1080 IPS, NVIDIA GeForce MX330 (2GB GDDR5)
- 12GB (3200MHz) DDR4-SDRAM (1 x 4 + 1 x 8) & 512GB SSD, 32GB Intel Optane Memory
- Intel Core i7-1065G7 (8MB Cache, 1.3GHz), 12GB DDR4-SDRAM, 512GB SSD, 32GB Intel Optane Memory, 43.9 cm (17.3") Full HD 1920 x 1080 IPS, Intel Iris Plus Graphics, NVIDIA GeForce MX330 (2GB GDDR5), WLAN, Webcam, Windows 10 Home 64-bit

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## Creativity without limits

As big as your imagination. The immersive, 17" Full HD<sup>[3]</sup> touch display allows you to easily create true-to-life visuals with stunning, accurate colors. Customizable performance puts the controls in your hands, and peace of mind features ensure your creations are safe-guarded until you're ready to share them.



Design		Network	
Product type *	Laptop	WLAN controller model	Intel Wi-Fi 6 AX201
Product color *	Silver	WLAN controller manufacturer	Intel
Form factor *	Clamshell	Ethernet LAN	✗
Country of origin	China	Bluetooth	✓
<b>Display</b>		Bluetooth version	5.0
Display diagonal *	17.3"	MIMO	✓
Display resolution *	1920 x 1080 pixels	MIMO type	Multi User MIMO
Touchscreen *	✓	<b>Ports &amp; interfaces</b>	
HD type	Full HD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Panel type	IPS	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
LED backlight	✓	Ethernet LAN (RJ-45) ports	1
Native aspect ratio	16:9	HDMI ports quantity *	1
Display glass type	Edge to Edge Glass	HDMI version	2.0
Display brightness	300 cd/m <sup>2</sup>	Combo headphone/mic port	✓
Display diagonal (metric)	17.3" (43.9 cm)	USB Type-C DisplayPort Alternate Mode	✓
RGB color space	sRGB	USB Sleep-and-Charge	✓
Color gamut	100%	USB Sleep-and-Charge ports	2
<b>Processor</b>		<b>Performance</b>	
Processor manufacturer *	Intel	Accelerometer	✓
Processor family *	Intel® Core™ i7	<b>Keyboard</b>	
Processor generation	10th gen Intel® Core™ i7	Pointing device	Touchpad
Processor model *	i7-1065G7	Numeric keypad *	✓
Processor cores	4	Keyboard backlight	✓
Processor threads	8	Full-size keyboard	✓
Processor boost frequency	3.9 GHz	<b>Software</b>	
Processor frequency *	1.3 GHz	Operating system architecture	64-bit
System bus rate	4 GT/s	Pre-installed software	Dropbox, Netflix
Processor cache	8 MB	Trial software	McAfee LiveSafe
Processor cache type	L3	Operating system installed *	Windows 10 Home
Processor socket	BGA 1526		
Processor lithography	10 nm		
Processor operating modes	64-bit		

Processor		Processor special features	
Thermal Design Power (TDP)	15 W	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Configurable TDP-up frequency	1.5 GHz	Intel® Turbo Boost Technology	2.0
Configurable TDP-up	25 W	Intel® Quick Sync Video Technology	✓
Configurable TDP-down	12 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Configurable TDP-down frequency	1 GHz	Intel Trusted Execution Technology	✗
Tjunction	100 °C	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	3.0	Intel® Secure Key	✓
<b>Memory</b>		Intel TSX-NI	✗
Internal memory *	12 GB	Intel Stable Image Platform Program (SIPP)	✗
Internal memory type	DDR4-SDRAM	Intel® OS Guard	✓
Memory clock speed	3200 MHz	Intel Software Guard Extensions (Intel SGX)	✓
Memory form factor	SO-DIMM	Intel 64	✓
Memory layout (slots x size)	1 x 4 + 1 x 8 GB	Execute Disable Bit	✓
Memory slots	2x SO-DIMM	Idle States	✓
ECC	✗	Thermal Monitoring Technologies	✓
<b>Storage</b>		Processor package size	50 x 25 mm
Total storage capacity *	512 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0, AVX-512
Storage media *	SSD	CPU configuration (max)	1
Total SSDs capacity	512 GB	Embedded options available	✗
Number of SSDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD capacity	512 GB	Intel Virtualization Technology (VT-x)	✓
SSD interface	NVMe	Processor ARK ID	196597
NVMe	✓	Intel® Optane™ Memory Ready	✓
SSD form factor	M.2	<b>Brand-specific features</b>	
Intel® Optane™ Memory module installed	✓	HP JumpStart	✓
Intel® Optane™ Memory module capacity	32 GB	HP speaker type	HP Dual Speakers
Optical drive type *	✗	HP Audio Switch	✓
Card reader integrated	✓	HP Connection Optimizer	✓
Compatible memory cards	SD	HP Support Assistant	✓
<b>Graphics</b>		HP front camera	HP Wide Vision HD
Discrete GPU manufacturer	NVIDIA	HP segment	Home
Discrete graphics card model *	NVIDIA GeForce MX330	<b>Battery</b>	
Discrete graphics card memory	2 GB	Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics memory type	GDDR5	Number of battery cells	4
On-board graphics card *	✓	Battery capacity *	55.67 Wh
Discrete graphics card *	✓	Battery life (max)	11 h
On-board graphics card model *	Intel Iris Plus Graphics	<b>Power</b>	
On-board graphics card base frequency	300 MHz	AC adapter power	65 W
On-board graphics card dynamic frequency (max)	1100 MHz	<b>Security</b>	
On-board graphics card DirectX version	12.0	Fingerprint reader	✓
On-board graphics card OpenGL version	4.5	<b>Sustainability</b>	
On-board graphics card ID	0x8A52	Sustainability certificates	EPEAT Silver, ENERGY STAR
<b>Audio</b>		<b>Weight &amp; dimensions</b>	
Audio system	Bang & Olufsen	Width	15.7" (399 mm)
Number of built-in speakers	2	Depth	10.2" (259 mm)
Built-in microphone	✓	Height	0.76" (19.3 mm)
<b>Camera</b>		Weight *	6 lbs (2.72 kg)
Front camera	✓	<b>Packaging data</b>	
Front camera HD type	HD	Package width	2.72" (69 mm)
<b>Network</b>		Package depth	13.6" (345 mm)
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Package height	23.5" (598 mm)
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Package weight	10.1 lbs (4.56 kg)
Mobile network connection *	✓		

**Network**

Antenna type 2x2



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