



## MSI Creator M16 A12UD-266 Intel® Core™ i7 i7-12700H Laptop 40.6 cm (16") Quad HD+ 16 GB DDR4-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Ti Wi-Fi 6 (802.11ax) Windows 11 Pro Black

**Brand :** MSI

**Product family:** Creator

**Product code:** CREATOR M16  
A12UD-266

**Product name :** M16  
A12UD-266

- Windows 11 Pro  
- Intel Core i7-12700H (24MB Cache)  
- 40.6 cm (16") Quad HD+ 2560 x 1600, NVIDIA GeForce RTX 3050 Ti (4GB GDDR6)  
- 16GB (3200MHz) DDR4-SDRAM (2 x 8) & 512GB SSD  
Intel Core i7-12700H (24MB Cache), 16GB DDR4-SDRAM, 512GB SSD, 40.6 cm (16") Quad HD+ 2560 x 1600, Intel Iris Xe Graphics, NVIDIA GeForce RTX 3050 Ti (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro  
MSI Creator M16 A12UD-266. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-12700H. Display diagonal: 40.6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics, Discrete graphics card model: NVIDIA GeForce RTX 3050 Ti. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Camera	
Product type *	Laptop	Front camera	✓
Product colour *	Black	Front camera HD type	HD
Form factor *	Clamshell	Video capturing speed	30 fps
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Display resolution *	2560 x 1600 pixels	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	Quad HD+	Antenna type	2x2
Native aspect ratio	16:10	WLAN controller model	Intel Wi-Fi 6 AX201
RGB colour space	DCI-P3	WLAN controller manufacturer	Intel
Colour gamut	100%	Ethernet LAN	✓
Maximum refresh rate	60 Hz	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.2
Processor family *	Intel® Core™ i7	Ports & interfaces	
Processor generation	12th gen Intel® Core™ i7	USB 2.0 ports quantity *	1
Processor model *	i7-12700H	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor cores	14	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor cache	24 MB	Ethernet LAN (RJ-45) ports	1
Configurable TDP-down	35 W	HDMI ports quantity *	1
Memory		Combo headphone/mic port	✓
Internal memory *	16 GB	Keyboard	
Internal memory type	DDR4-SDRAM	Pointing device	Touchpad
Memory clock speed	3200 MHz	Numeric keypad *	✓
Memory form factor	SO-DIMM	Keyboard backlit	✓
Memory layout (slots x size)	2 x 8 GB	Keyboard backlit colour	White
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB		

Storage		Software	
Total storage capacity *	512 GB	Operating system installed *	Windows 11 Pro
Storage media *	SSD	<b>Processor special features</b>	
Total SSDs capacity	512 GB	Intel Flex Memory Access	✓
Number of SSDs installed	1	Intel Trusted Execution Technology	✓
SSD capacity	512 GB	Intel VT-x with Extended Page Tables (EPT)	✓
SSD interface	NVMe, PCI Express	Execute Disable Bit	✓
NVMe	✓	CPU configuration (max)	1
Optical drive type *	✗	Embedded options available	✗
Card reader integrated	✗	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete GPU manufacturer	NVIDIA	<b>Battery</b>	
Discrete graphics card model *	NVIDIA GeForce RTX 3050 Ti	Number of battery cells	3
Discrete graphics card memory	4 GB	Battery capacity *	53.5 Wh
Discrete graphics memory type	GDDR6	<b>Power</b>	
On-board graphics card *	✓	AC adapter power	180 W
Discrete graphics card *	✓	<b>Weight &amp; dimensions</b>	
On-board graphics card model *	Intel Iris Xe Graphics	Width	359 mm
Audio		Depth	259 mm
Number of built-in speakers	2	Height	23.9 mm
Speaker power	2 W	Weight *	2.26 kg

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