



MSI CreatorPro 16 AI Studio A1VMG-066 Intel Core Ultra 9 185H Mobile workstation 40.6 cm (16") WQUXGA 64 GB DDR5-SDRAM 2 TB SSD NVIDIA RTX 5000 Ada Wi-Fi 7 (802.11be) Windows 11 Pro Black

Brand : MSI

Product family: CreatorPro

Product code: CREATORPRO
16 AI STUDIO A1VMG-066

Product name : CreatorPro 16
AI Studio A1VMG-066

- Windows 11 Pro
- Intel Core Ultra 9 185H (24MB Cache)
- 40.6 cm (16") WQUXGA 3840 x 2400 Mini LED, NVIDIA RTX 5000 Ada (16GB GDDR6)
- 64GB (5600MHz) DDR5-SDRAM (2 x 32) & 2000GB SSD

Intel Core Ultra 9 185H (24MB Cache), 64GB DDR5-SDRAM, 2000GB SSD, 40.6 cm (16") WQUXGA 3840 x 2400 Mini LED, Intel Arc Graphics, NVIDIA RTX 5000 Ada (16GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro

MSI CreatorPro 16 AI Studio A1VMG-066. Product type: Mobile workstation, Form factor: Clamshell.

Processor family: Intel Core Ultra 9, Processor model: 185H. Display diagonal: 40.6 cm (16"), HD type: WQUXGA, Display resolution: 3840 x 2400 pixels. Internal memory: 64 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics, Discrete graphics card model: NVIDIA RTX 5000 Ada. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Graphics	
Product type *	Mobile workstation	Discrete graphics card model *	NVIDIA RTX 5000 Ada
Product colour *	Black	Discrete graphics card memory	16 GB
Form factor *	Clamshell	Discrete graphics memory type	GDDR6
Original brand name	MSI	On-board graphics card *	✓
Display		On-board GPU manufacturer	Intel
Display diagonal *	40.6 cm (16")	Discrete graphics card *	✓
Display resolution *	3840 x 2400 pixels	On-board graphics card family	Intel Arc Graphics
Touchscreen *	✗	On-board graphics card model *	Intel Arc Graphics
HD type	WQUXGA	Audio	
Panel type	Mini LED	Number of built-in speakers	6
Native aspect ratio	16:10	Speaker power	2 W
Anti-glare screen	✓	Camera	
RGB colour space	DCI-P3	Front camera	✓
Colour gamut	100%	Front camera HD type	Full HD
Maximum refresh rate	120 Hz	Video capturing speed	30 fps
High Dynamic Range (HDR) supported	✓	Infrared (IR) camera	✓
High Dynamic Range (HDR) technology	DisplayHDR 1000	Privacy camera	✓
Processor		Privacy type	Privacy shutter
Processor manufacturer *	Intel	Network	
Processor family *	Intel Core Ultra 9	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor generation	Intel® Core™ Ultra (Series 1)	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor model *	185H	Mobile network connection *	✗
Processor cores	16	WLAN controller model	Killer Wi-Fi 7 BE1750
Processor boost frequency	5.1 GHz	WLAN controller manufacturer	Killer
Performance cores	6	Ethernet LAN	✓
Efficient cores	8	Ethernet LAN data rates	10,100,1000,2500 Mbit/s

Processor		Network	
Performance-core Max Turbo Frequency	5.1 GHz	Bluetooth	✓
Efficient-core Max Turbo Frequency	3.8 GHz	Bluetooth version	5.4
Performance-core base frequency	2.3 GHz	Ports & interfaces	
Efficient-core base frequency	1.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor cache	24 MB	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor cache type	Smart Cache	Ethernet LAN (RJ-45) ports	1
Processor base power	45 W	HDMI ports quantity *	1
Maximum turbo power	115 W	HDMI version	2.1
Neural processor unit (NPU)		Thunderbolt 4 ports quantity	1
Neural processor unit (NPU)	Intel AI Boost	Intel® Thunderbolt 4	✓
Maximum frequency NPU	1.4 GHz	USB Type-C DisplayPort Alternate Mode	✓
Sparsity support	✓	Keyboard	
Windows Studio effects support	✓	Pointing device	Touchpad
AI datatype support on NPU	FP16, FP32, Int8	Numeric keypad *	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Keyboard backlit	✓
Memory		Keyboard backlit colour	White
Internal memory *	64 GB	Copilot key	✓
Internal memory type	DDR5-SDRAM	Software	
Memory clock speed	5600 MHz	Operating system installed *	Windows 11 Pro
Memory form factor	SO-DIMM	Battery	
Memory layout (slots x size)	2 x 32 GB	Number of battery cells	4
Memory slots	2x SO-DIMM	Battery capacity *	99.9 Wh
Maximum internal memory *	96 GB	Power	
Storage		AC adapter power	240 W
Total storage capacity *	2 TB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	2 TB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	2 TB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Weight & dimensions	
Optical drive type *	✗	Width	355.8 mm
Card reader integrated	✓	Depth	259.7 mm
Compatible memory cards	MicroSD (TransFlash)	Height	19.9 mm
Graphics		Weight *	1.99 kg
Discrete GPU manufacturer	NVIDIA	Packaging content	
		AC adapter included *	✓



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