



MSI Creator 16 AI STUDIO A1VIG-074US Intel Core Ultra 9 185H Laptop 40.6 cm (16") UHD+ 64 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4090 Wi-Fi 7 (802.11be) Windows 11 Pro Grey



Brand : MSI

Product family: Creator

Product code: CREATOR 16 AI STUDIO A1VIG-074US

Product name : Creator 16 AI STUDIO A1VIG-074US

- Windows 11 Pro
 - Intel Core Ultra 9 185H (24MB Cache)
 - 40.6 cm (16") UHD+ 3840 x 2400 Mini LED, NVIDIA GeForce RTX 4090 (16GB GDDR6)
 - 64GB (5600MHz) DDR5-SDRAM & 2000GB SSD
 Intel Core Ultra 9 185H (24MB Cache), 64GB DDR5-SDRAM, 2000GB SSD, 40.6 cm (16") UHD+ 3840 x 2400 Mini LED, Intel Arc Graphics, NVIDIA GeForce RTX 4090 (16GB GDDR6), WLAN, Webcam, Windows 11 Pro
 MSI Creator 16 AI STUDIO A1VIG-074US. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 185H. Display diagonal: 40.6 cm (16"), HD type: UHD+, 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 GeForce RTX 4090. Operating system installed: Windows 11 Pro. Product colour: Grey

Design		Storage	
Colour name	Lunar Gray	Compatible memory cards	MicroSD (TransFlash)
Product type *	Laptop	Graphics	
Product colour *	Grey	Discrete GPU manufacturer	NVIDIA
Form factor *	Clamshell	Discrete graphics card model *	NVIDIA GeForce RTX 4090
Display		Discrete graphics card memory	16 GB
Display diagonal *	40.6 cm (16")	Discrete graphics memory type	GDDR6
Display resolution *	3840 x 2400 pixels	On-board graphics card *	✓
Touchscreen *	✗	On-board GPU manufacturer	Intel
HD type	UHD+	Discrete graphics card *	✓
Panel type	Mini LED	On-board graphics card family	Intel Arc Graphics
Native aspect ratio	16:10	On-board graphics card model *	Intel Arc Graphics
Anti-glare screen	✓	Audio	
RGB colour space	DCI-P3	Number of built-in speakers	2
Colour gamut	100%	Speakers manufacturer	Dynaudio
Maximum refresh rate	120 Hz	Speaker power	2 W
High Dynamic Range (HDR) supported	✓	Camera	
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 1000	Front camera	✓
Processor		Front camera resolution	1920 x 1080 pixels
Processor manufacturer *	Intel	Front camera HD type	Full HD
Processor family *	Intel Core Ultra 9	Video capturing speed	30 fps
Processor generation	Intel® Core™ Ultra (Series 1)	Infrared (IR) camera	✓
Processor model *	185H	Privacy camera	✓
Processor cores	16	Privacy type	Privacy shutter
Processor boost frequency	5.1 GHz	Network	
Performance cores	6	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Efficient cores	8	Wi-Fi standards	Wi-Fi 7 (802.11be)

Processor		Network	
Performance-core Max Turbo Frequency	5.1 GHz	Mobile network connection *	✗
Efficient-core Max Turbo Frequency	3.8 GHz	WLAN controller model	Killer Wi-Fi 7 BE1750
Performance-core base frequency	2.3 GHz	WLAN controller manufacturer	Killer
Efficient-core base frequency	1.8 GHz	Ethernet LAN	✓
Processor cache	24 MB	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Processor cache type	Smart Cache	Bluetooth	✓
Processor base power	45 W	Bluetooth version	5.4
Maximum turbo power	115 W	Ports & interfaces	
Neural processor unit (NPU)		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Neural processor unit (NPU)	Intel AI Boost	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Maximum frequency NPU	1.4 GHz	Ethernet LAN (RJ-45) ports	1
Sparsity support	✓	HDMI ports quantity *	1
Windows Studio effects support	✓	HDMI version	2.1
AI datatype support on NPU	FP16, FP32, Int8	Thunderbolt 4 ports quantity	1
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Intel® Thunderbolt 4	✓
Memory		Combo headphone/mic port	✓
Internal memory *	64 GB	Keyboard	
Internal memory type	DDR5-SDRAM	Pointing device	Touchpad
Memory clock speed	5600 MHz	Numeric keypad *	✓
Memory form factor	SO-DIMM	Software	
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Pro
Maximum internal memory *	96 GB	Battery	
Storage		Number of battery cells	4
Total storage capacity *	2 TB	Battery capacity *	99.9 Wh
Storage media *	SSD	Power	
Total SSDs capacity	2 TB	AC adapter power	240 W
Number of SSDs installed	1	Security	
SSD capacity	2 TB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Kensington
NVMe	✓	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Weight & dimensions	
Card reader integrated	✓	Width	355.8 mm
		Depth	259.7 mm
		Height	19.9 mm
		Weight *	1.99 kg



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Catalog Object Cloud



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