



MSI Stealth 16 AI Studio A1VFG-012FR Intel Core Ultra 9 185H Laptop 40,6 cm (16") Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 7 (802.11be) Windows 11 Pro Blue

Brand : MSI

Product family: Stealth

Article code: STEALTH 16 AI STUDIO A1VFG-012FR

Product name : Stealth 16 AI Studio A1VFG-012FR

MSI Stealth 16 AI Studio A1VFG-012FR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 185H. Display diagonal: 40,6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Pro. Product color: Blue



Design		Graphics	
Colour name	Star Blue	Discrete graphics card memory	8 GB
Product type *	Laptop	Discrete graphics memory type	GDDR6
Product colour *	Blue	On-board graphics card *	✓
Form factor *	Clamshell	On-board GPU manufacturer	Intel
Original brand name	MSI	Discrete graphics card *	✓
Display		On-board graphics card family	Intel Arc Graphics
Display diagonal *	40.6 cm (16")	On-board graphics card model *	Intel Arc Graphics
Display resolution *	2560 x 1600 pixels	Audio	
Touchscreen *	✗	Audio system	Nahimic 3
HD type	Quad HD+	Number of built-in speakers	2
Native aspect ratio	16:10	Speakers manufacturer	Nahimic
Anti-glare screen	✓	Speaker power	2 W
RGB colour space	DCI-P3	Camera	
Colour gamut	100%	Front camera	✓
Maximum refresh rate	240 Hz	Front camera resolution	1920 x 1080 pixels
Processor		Front camera HD type	Full HD
Processor manufacturer *	Intel	Video capturing speed	30 fps
Processor family *	Intel Core Ultra 9	Infrared (IR) camera	✓
Processor generation	Intel® Core™ Ultra (Series 1)	Network	
Processor model *	185H	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor cores	16	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor boost frequency	5.1 GHz	Mobile network connection *	✗
Performance cores	6	Ethernet LAN	✓
Efficient cores	8	Ethernet LAN data rates	10,100,1000 Mbit/s
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		

Processor		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	Combo headphone/mic port	✓
Sparsity support	✓	USB Type-C DisplayPort Alternate Mode	✓
Windows Studio effects support	✓	Performance	
AI datatype support on NPU	FP16, FP32, Int8	Repairability index	8.1
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Keyboard	
Memory		Pointing device	Touchpad
Internal memory *	32 GB	Keyboard layout	AZERTY
Internal memory type	DDR5-SDRAM	Keyboard language	French
Memory clock speed	5600 MHz	Numeric keypad *	✓
Memory form factor	SO-DIMM	Keyboard backlit	✓
Memory layout (slots x size)	2 x 16 GB	Keyboard backlit colour	RGB
Memory slots	2x SO-DIMM	Keyboard backlit zone	Per-key RGB
Maximum internal memory *	96 GB	Software	
Storage		Operating system installed *	Windows 11 Pro
Total storage capacity *	1 TB	Bundled software	Killer Control Center, Nvidia GeForce Experience, True Color, Nahimic 3, Gaming Mode, MSI App Player, Noise Cancellation, Mystic Light, Game Highlights, Ambient Link, MSI Companion, Crosshair, Battery Master, MSI Center, Steelseries GG, Animaze, Discrete Graphics Mode, Ambient Silent AI, Smart Auto, MSI AI Engine, Nvidia Omniverse
Storage media *	SSD		
Total SSDs capacity	1 TB		
Number of SSDs installed	1		
SSD capacity	1 TB	Battery	
SSD interface	PCI Express 4.0		
NVMe	✓		
Optical drive type *	✗		
Card reader integrated	✓	Power	
Compatible memory cards	MicroSD (TransFlash)	AC adapter power	240 W
Graphics		Weight & dimensions	
Discrete GPU manufacturer	NVIDIA	Width	355.8 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Depth	259.7 mm
		Height	19.9 mm
		Weight *	1.99 kg



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