



MSI Stealth 18 AI Studio A1VFG-003FR Intel Core Ultra 7 155H Laptop 45,7 cm (18") Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 7 (802.11be) Windows 11 Pro Black

Brand : MSI

Article code: STEALTH 18 AI STUDIO
A1VFG-003FR

Product name : Stealth 18 AI Studio A1VFG-003FR

MSI Stealth 18 AI Studio A1VFG-003FR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 45,7 cm (18"), 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: Black



Design		Graphics	
Colour name	Midnight Black	On-board graphics card *	✓
Product type *	Laptop	On-board GPU manufacturer	Intel
Product colour *	Black	Discrete graphics card *	✓
Form factor *	Clamshell	On-board graphics card family	Intel Arc Graphics
Display		On-board graphics card model *	Intel Arc Graphics
Display diagonal *	45.7 cm (18")	Audio	
Display resolution *	2560 x 1600 pixels	Number of built-in speakers	2
Touchscreen *	✗	Speaker power	2 W
HD type	Quad HD+	Camera	
Anti-glare screen	✓	Front camera	✓
RGB colour space	DCI-P3	Front camera resolution	1920 x 1080 pixels
Colour gamut	100%	Front camera HD type	Full HD
Maximum refresh rate	240 Hz	Video capturing speed	30 fps
Processor		Privacy camera	✓
Processor manufacturer *	Intel	Privacy type	Privacy shutter
Processor family *	Intel Core Ultra 7	Network	
Processor generation	Intel® Core™ Ultra (Series 1)	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor model *	155H	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor cores	16	Mobile network connection *	✗
Processor boost frequency	4.8 GHz	Ethernet LAN	✓
Performance cores	6	Ethernet LAN data rates	2500 Mbit/s
Efficient cores	8	Bluetooth	✓
Performance-core Max Turbo Frequency	4.8 GHz	Bluetooth version	5.4
Efficient-core Max Turbo Frequency	3.8 GHz	Ports & interfaces	
Performance-core base frequency	1.4 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Efficient-core base frequency	0.9 GHz		
Processor cache	24 MB		

Processor		Ports & interfaces	
Processor cache type	Smart Cache	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor base power	28 W	Ethernet LAN (RJ-45) ports	1
Maximum turbo power	115 W	HDMI ports quantity *	1
Neural processor unit (NPU)		HDMI version	2.1
Neural processor unit (NPU)	Intel AI Boost	Thunderbolt 4 ports quantity	1
Maximum frequency NPU	1.4 GHz	Intel® Thunderbolt 4	✓
Sparsity support	✓	Combo headphone/mic port	✓
Windows Studio effects support	✓	Charging port type	DC-in jack
AI datatype support on NPU	FP16, FP32, Int8	USB Type-C DisplayPort Alternate Mode	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Performance	
Memory		Repairability index	8
Internal memory *	32 GB	Keyboard	
Internal memory type	DDR5-SDRAM	Pointing device	Touchpad
Memory clock speed	5600 MHz	Numeric keypad *	✓
Memory layout (slots x size)	2 x 16 GB	Keyboard backlit	✓
Memory slots	2x SO-DIMM	Keyboard backlit colour	RGB
Maximum internal memory *	96 GB	Keyboard backlit zone	Per-key RGB
Storage		Software	
Total storage capacity *	1 TB	Operating system installed *	Windows 11 Pro
Storage media *	SSD	Battery	
Total SSDs capacity	1 TB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	99.9 Wh
SSD capacity	1 TB	Power	
Optical drive type *	✗	AC adapter power	280 W
Card reader integrated	✓	Security	
Compatible memory cards	SD	Cable lock slot	✓
Graphics		Cable lock slot type	Kensington
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Trusted Platform Module (TPM) version	2.0
Discrete graphics card memory	8 GB	Weight & dimensions	
Discrete graphics memory type	GDDR6	Width	400 mm
		Depth	289.7 mm
		Height (front)	1.99 cm
		Height (rear)	2.4 cm
		Weight *	2.89 kg



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