



MSI Stealth 16 AI Studio A1VFG-212CA Intel Core Ultra 9 185H Laptop 40.6 cm (16") Quad HD+ 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 7 (802.11be) Windows 11 Home Blue

Brand : MSI

Product family: Stealth

Product code: STEALTH 16 AI STUDIO A1VFG-212CA

Product name : Stealth 16 AI Studio A1VFG-212CA

- Windows 11 Home
- Intel Core Ultra 9 185H (24MB Cache)
- 40.6 cm (16") Quad HD+ 2560 x 1600, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 32GB (5600MHz) DDR5-SDRAM & 2000GB SSD
Intel Core Ultra 9 185H (24MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 40.6 cm (16") Quad HD+ 2560 x 1600, Intel Arc Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home
MSI Stealth 16 AI Studio A1VFG-212CA. 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: 2 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 Home. Product colour: Blue



Design		Graphics	
Colour name	Star Blue	Discrete graphics memory type	GDDR6
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Blue	On-board GPU manufacturer	Intel
Form factor *	Clamshell	Discrete graphics card *	✓
Original brand name	MSI	On-board graphics card family	Intel Arc Graphics
Display		On-board graphics card model *	Intel Arc Graphics
Display diagonal *	40.6 cm (16")	Audio	
Display resolution *	2560 x 1600 pixels	Audio system	NAHIMIC 3
Touchscreen *	✗	Number of built-in speakers	6
HD type	Quad HD+	Speakers manufacturer	Nahimic
Native aspect ratio	16:10	Speaker power	2 W
Anti-glare screen	✓	Camera	
Processor		Front camera	✓
Processor manufacturer *	Intel	Front camera resolution	1920 x 1080 pixels
Processor family *	Intel Core Ultra 9	Front camera HD type	Full HD
Processor generation	Intel® Core™ Ultra (Series 1)	Video capturing speed	30 fps
Processor model *	185H	Infrared (IR) camera	✓
Processor cores	16	Network	
Processor threads	22	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor boost frequency	5.1 GHz	Wi-Fi standards	Wi-Fi 7 (802.11be)
Performance cores	6	Mobile network connection *	✗
Efficient cores	8	WLAN controller model	Killer Wi-Fi 7 BE1750
Low Power Efficient-cores	2	WLAN controller manufacturer	Killer
Performance-core Max Turbo Frequency	5.1 GHz	Ethernet LAN	✓
Efficient-core Max Turbo Frequency	3.8 GHz	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Bluetooth	✓
		Bluetooth version	5.4

Processor		Ports & interfaces	
Performance-core base frequency	2.3 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Efficient-core base frequency	1.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Low Power Efficient-core Base Frequency	1000 MHz	Ethernet LAN (RJ-45) ports	1
Processor cache	24 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	HDMI version	2.1
Processor base power	45 W	Thunderbolt 4 ports quantity	1
Maximum turbo power	115 W	Intel® Thunderbolt 4	✓
Neural processor unit (NPU)		Combo headphone/mic port	✓
Neural processor unit (NPU)	Intel AI Boost	USB Type-C DisplayPort Alternate Mode	✓
Maximum frequency NPU	1.4 GHz	Performance	
Sparsity support	✓	Motherboard chipset	Intel SoC
Windows Studio effects support	✓	Keyboard	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Pointing device	Touchpad
Memory		Numeric keypad *	✓
Internal memory *	32 GB	Keyboard backlit	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit colour	RGB
Memory clock speed	5600 MHz	Keyboard backlit zone	Per-key RGB
Memory form factor	SO-DIMM	Software	
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Home
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	✓	Fingerprint reader	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Trusted Platform Module (TPM) version	2.0
Compatible memory cards	MicroSD (TransFlash)	Weight & dimensions	
Graphics		Width	355.8 mm
Discrete GPU manufacturer	NVIDIA	Depth	259.7 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Height	19.9 mm
Discrete graphics card memory	8 GB	Weight *	1.99 kg



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Catalog Object Cloud



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