



MSI Stealth 18 AI Studio A1VHG 019US Intel Core Ultra 9 185H Laptop 45.7 cm (18") Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 7 (802.11be) Windows 11 Home Black

Brand : MSI

Product family: Stealth

Product code: STEALTH 18 AI STUDIO A1VHG-019US

Product name : Stealth 18 AI Studio A1VHG 019US



- Windows 11 Home
- Intel Core Ultra 9 185H (24MB Cache)
- 45.7 cm (18") Quad HD+ 2560 x 1600, NVIDIA GeForce RTX 4080 (12GB GDDR6)
- 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD

Intel Core Ultra 9 185H (24MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 45.7 cm (18") Quad HD+ 2560 x 1600, Intel Arc Graphics, NVIDIA GeForce RTX 4080 (12GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

MSI Stealth 18 AI Studio A1VHG 019US. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 185H. 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 4080. Operating system installed: Windows 11 Home. Product colour: Black



Design		Graphics	
Product type *	Laptop	On-board graphics card family	Intel Arc Graphics
Product colour *	Black	On-board graphics card model *	Intel Arc Graphics
Form factor *	Clamshell	Audio	
Original brand name	MSI	Number of built-in speakers	2
Display		Speakers manufacturer	Nahimic
Display diagonal *	45.7 cm (18")	Speaker power	2 W
Display resolution *	2560 x 1600 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	Quad HD+	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)	Privacy camera	✓
Processor model *	185H	Privacy type	Privacy shutter
Processor cores	16	Network	
Processor boost frequency	5.1 GHz	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Performance cores	6	Wi-Fi standards	Wi-Fi 7 (802.11be)
Efficient cores	8	Mobile network connection *	✗
Performance-core Max Turbo Frequency	5.1 GHz	WLAN controller model	Killer Wi-Fi 7 BE1750
Efficient-core Max Turbo Frequency	3.8 GHz	WLAN controller manufacturer	Killer
Performance-core base frequency	2.3 GHz	Ethernet LAN	✓
Efficient-core base frequency	1.8 GHz	Ethernet LAN data rates	2500 Mbit/s
Processor cache	24 MB	Bluetooth	✓
Processor cache type	Smart Cache	Bluetooth version	5.4
Processor base power	45 W	Ports & interfaces	
Maximum turbo power	115 W		

Neural processor unit (NPU)		Ports & interfaces	
Neural processor unit (NPU)	Intel AI Boost	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Maximum frequency NPU	1.4 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Sparsity support	✓	Ethernet LAN (RJ-45) ports	1
Windows Studio effects support	✓	HDMI ports quantity *	1
AI datatype support on NPU	FP16, FP32, Int8	HDMI version	2.1
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Thunderbolt 4 ports quantity	1
Memory		Intel® Thunderbolt 4	✓
Internal memory *	32 GB	Combo headphone/mic port	✓
Internal memory type	DDR5-SDRAM	USB Type-C DisplayPort Alternate Mode	✓
Memory clock speed	5600 MHz	Keyboard	
Memory form factor	SO-DIMM	Pointing device	Touchpad
Memory layout (slots x size)	2 x 16 GB	Numeric keypad *	✓
Memory slots	2x SO-DIMM	Keyboard backlit	✓
Maximum internal memory *	96 GB	Keyboard backlit colour	RGB
Storage		Keyboard backlit zone	Per-key RGB
Total storage capacity *	1 TB	Copilot key	✓
Storage media *	SSD	Software	
Total SSDs capacity	1 TB	Operating system installed *	Windows 11 Home
Number of SSDs installed	1	Battery	
SSD capacity	1 TB	Battery technology	Lithium-Ion (Li-Ion)
SSD interface	PCI Express 4.0	Number of battery cells	4
NVMe	✓	Battery capacity *	99.9 Wh
Optical drive type *	✗	Power	
Card reader integrated	✓	AC adapter power	280 W
Compatible memory cards	SD	DC-in jack	✓
Graphics		USB Type-C charging port *	✓
Discrete GPU manufacturer	NVIDIA	USB Power Delivery (USB PD)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4080	Security	
Discrete graphics card memory	12 GB	Cable lock slot	✓
Discrete graphics memory type	GDDR6	Cable lock slot type	Kensington
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	Intel	Trusted Platform Module (TPM) version	2.0
Discrete graphics card *	✓	Weight & dimensions	
		Width	400 mm
		Depth	289.7 mm
		Height (front)	1.99 cm
		Height (rear)	2.4 cm
		Weight *	2.89 kg
		Packaging content	
		AC adapter included *	✓



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