



MSI Stealth 18 AI Studio A1VHG-002UK Intel Core Ultra 9 185H Laptop 45.7 cm (18") UHD+ 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 7 (802.11be) Windows 11 Pro Black

Brand : MSI

Product family: Stealth

Product code: STEALTH 18 AI STUDIO A1VHG-002UK



Product name : Stealth 18 AI Studio A1VHG-002UK



- Windows 11 Pro
- Intel Core Ultra 9 185H (24MB Cache)
- 45.7 cm (18") UHD+ 3840 x 2400 Mini LED, NVIDIA GeForce RTX 4080 (12GB GDDR6)
- 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 2000GB SSD
- Intel Core Ultra 9 185H (24MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 45.7 cm (18") UHD+ 3840 x 2400 Mini LED, Intel Arc Graphics, NVIDIA GeForce RTX 4080 (12GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro

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Stealth 18 AI Studio is the full evolution for coming era. Born for AI, design and performance. A mighty combination for gaming, business and creativity. Succeed in whatever you strive for, no matter where you go.



Design		Graphics	
Colour name	Midnight Black	On-board graphics card family	Intel Arc Graphics
Product type *	Laptop	On-board graphics card model *	Intel Arc Graphics
Product colour *	Black	Audio	
Form factor *	Clamshell	Number of built-in speakers	2
Country of origin	China	Speakers manufacturer	Nahimic
Display		Speaker power	2 W
Display diagonal *	45.7 cm (18")	Camera	
Display resolution *	3840 x 2400 pixels	Front camera	✓
Touchscreen *	✗	Front camera resolution	1920 x 1080 pixels
HD type	UHD+	Front camera HD type	Full HD
Panel type	Mini LED	Video capturing speed	30 fps
Native aspect ratio	16:10	Infrared (IR) camera	✓
RGB colour space	DCI-P3	Privacy camera	✓
Colour gamut	100%	Privacy type	Privacy shutter
Maximum refresh rate	120 Hz	Network	
High Dynamic Range (HDR) supported	✓	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 1000	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor		Mobile network connection *	✗
Processor manufacturer *	Intel	WLAN controller model	Killer Wi-Fi 7 BE1750
Processor family *	Intel Core Ultra 9	WLAN controller manufacturer	Killer
Processor generation	Intel® Core™ Ultra (Series 1)	Ethernet LAN	✓
Processor model *	185H	Ethernet LAN data rates	2500 Mbit/s
Processor cores	16	Bluetooth	✓
Processor boost frequency	5.1 GHz	Bluetooth version	5.4
Performance cores	6	Ports & interfaces	
Efficient cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	5.1 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Efficient-core Max Turbo Frequency	3.8 GHz	Ethernet LAN (RJ-45) ports	1
Performance-core base frequency	2.3 GHz	HDMI ports quantity *	1
Efficient-core base frequency	1.8 GHz	HDMI version	2.1
Processor cache	24 MB	Thunderbolt 4 ports quantity	1
Processor cache type	Smart Cache	Intel® Thunderbolt 4	✓
Processor base power	45 W	Combo headphone/mic port	✓
Maximum turbo power	115 W	Charging port type	DC-in jack
Neural processor unit (NPU)		USB Type-C DisplayPort Alternate Mode	✓
Neural processor unit (NPU)	Intel AI Boost	Keyboard	
Maximum frequency NPU	1.4 GHz	Pointing device	Touchpad
Sparsity support	✓	Numeric keypad *	✓
Windows Studio effects support	✓	Keyboard backlit	✓
AI datatype support on NPU	FP16, FP32, Int8	Keyboard backlit colour	RGB
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Keyboard backlit zone	Per-key RGB
Memory		Software	
Internal memory *	32 GB	Operating system installed *	Windows 11 Pro
Internal memory type	DDR5-SDRAM	Battery	
Memory clock speed	5600 MHz	Battery technology	Lithium-Ion (Li-Ion)
Memory layout (slots x size)	2 x 16 GB	Number of battery cells	4
Memory slots	2x SO-DIMM	Battery capacity *	99.9 Wh
Maximum internal memory *	64 GB	Power	
Storage		AC adapter power	280 W
Total storage capacity *	2 TB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	2 TB	Cable lock slot type	Kensington
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	2 TB	Trusted Platform Module (TPM) version	2.0
SSD interface	PCI Express 4.0	Weight & dimensions	
NVMe	✓	Width	400 mm
Optical drive type *	✗	Depth	289.7 mm
Card reader integrated	✓	Height	300 mm
Compatible memory cards	SD	Height (front)	1.99 cm
Graphics		Height (rear)	2.4 cm
Discrete GPU manufacturer	NVIDIA	Weight *	2.9 kg
Discrete graphics card model *	NVIDIA GeForce RTX 4080	Packaging data	
Discrete graphics card memory	12 GB	Package width	483 mm
Discrete graphics memory type	GDDR6	Package depth	114 mm
On-board graphics card *	✓	Package height	400 mm
On-board GPU manufacturer	Intel	Package weight	3 kg
Discrete graphics card *	✓	Package volume	89100 cm ³
		Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000
		Other features	
		Warranty period	2 year(s)



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