



MSI Stealth 18 AI Studio A1VIG-001UK laptop Intel Core Ultra 9 185H 45.7 cm (18") UHD+ 64 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4090 Wi-Fi 7 (802.11be) Windows 11 Pro Black

Brand : MSI

Product family: Stealth

Product code: STEALTH 18 AI Studio A1VIG-001UK



Product name : STEALTH 18 AI Studio A1VIG-001UK

- Windows 11 Pro
- Intel Core Ultra 9 185H (24MB Cache)
- 45.7 cm (18") UHD+ 3840 x 2400 Mini LED, NVIDIA GeForce RTX 4090 (16GB GDDR6)
- 64GB (5600MHz) DDR5-SDRAM & 2000GB SSD
Intel Core Ultra 9 185H (24MB Cache), 64GB DDR5-SDRAM, 2000GB SSD, 45.7 cm (18") UHD+ 3840 x 2400 Mini LED, Intel Arc Graphics, NVIDIA GeForce RTX 4090 (16GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro
MSI Stealth 18 AI Studio A1VIG-001UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 185H. Display diagonal: 45.7 cm (18"), HD type: UHD+, Display resolution: 3840 x 2400 pixels. Internal memory: 64 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 4090. Operating system installed: Windows 11 Pro. 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	
Country of origin	China	Audio system	Nahimic 3
Display		Number of built-in speakers	2
Display diagonal *	45.7 cm (18")	Speakers manufacturer	Nahimic
Display resolution *	3840 x 2400 pixels	Speaker power	2 W
Touchscreen *	✗	Camera	
HD type	UHD+	Front camera	✓
Panel type	Mini LED	Front camera resolution	1920 x 1080 pixels
Native aspect ratio	16:10	Front camera HD type	Full HD
RGB colour space	DCI-P3	Video capturing speed	30 fps
Colour gamut	100%	Privacy camera	✓
Maximum refresh rate	120 Hz	Privacy type	Privacy shutter
Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor family *	Intel Core Ultra 9	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor generation	Intel® Core™ Ultra (Series 1)	Mobile network connection *	✗
Processor model *	185H	WLAN controller model	Killer Wi-Fi 7 BE1750
Processor cores	16	WLAN controller manufacturer	Killer
Processor threads	22	Ethernet LAN	✓
Processor boost frequency	5.1 GHz	Ethernet LAN data rates	2500 Mbit/s
Performance cores	6	Bluetooth	✓
Efficient cores	8	Bluetooth version	5.4
Low Power Efficient-cores	2	Ports & interfaces	
Performance-core Max Turbo Frequency	5.1 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Efficient-core Max Turbo Frequency	3.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Low Power Efficient-core Max Turbo Frequency	2.5 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
Low Power Efficient-core Base Frequency	1000 MHz		

Processor		Ports & interfaces	
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	USB Type-C DisplayPort Alternate Mode	✓
Neural processor unit (NPU)		Performance	
Neural processor unit (NPU)	Intel AI Boost	Motherboard chipset	Intel SoC
Maximum frequency NPU	1.4 GHz	Keyboard	
Sparsity support	✓	Pointing device	Touchpad
Windows Studio effects support	✓	Numeric keypad *	✓
AI datatype support on NPU	FP16, FP32, Int8	Keyboard backlit	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, WebNN, Windows ML	Keyboard backlit colour	RGB
Memory		Keyboard backlit zone	Per-key RGB
Internal memory *	64 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system installed *	Windows 11 Pro
Memory clock speed	5600 MHz	Battery	
Memory form factor	SO-DIMM	Battery technology	Lithium Polymer (LiPo)
Memory slots	2x SO-DIMM	Number of battery cells	4
Maximum internal memory *	96 GB	Battery capacity *	99.9 Wh
Storage		Power	
Total storage capacity *	2 TB	AC adapter power	280 W
Storage media *	SSD	DC-in jack	✓
Total SSDs capacity	2 TB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	2 TB	Cable lock slot type	Kensington
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Weight & dimensions	
Card reader integrated	✓	Width	400 mm
Compatible memory cards	SD	Depth	289.7 mm
Graphics		Height	24 mm
Discrete GPU manufacturer	NVIDIA	Weight *	2.9 kg
Discrete graphics card model *	NVIDIA GeForce RTX 4090	Packaging data	
Discrete graphics card memory	16 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	3.1 kg
Discrete graphics card *	✓	Package volume	12631.59 cm³
		Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000
		Other features	
		Warranty period	2 year(s)



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