



MSI Stealth 18 AI Studio A1VGG-001UK Intel Core Ultra 9 185H Laptop 45.7 cm (18") UHD+ 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 7 (802.11be) Windows 11 Pro Black

Brand : MSI

Product family: Stealth

Product code: STEALTH 18 AI STUDIO A1VGG-001UK

Product name : Stealth 18 AI STUDIO A1VGG-001UK

- Windows 11 Pro
- Intel Core Ultra 9 185H (24MB Cache)
- 45.7 cm (18") UHD+ 3840 x 2400 Mini LED
- 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, LAN, WLAN, Webcam, Windows 11 Pro
MSI Stealth 18 AI Studio A1VGG-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: 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 4070. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Graphics	
Colour name	Midnight Black	Discrete graphics card *	✓
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	
Display		Audio system	Nahimic 3
Display diagonal *	45.7 cm (18")	Number of built-in speakers	2
Display resolution *	3840 x 2400 pixels	Speakers manufacturer	Nahimic
Touchscreen *	✗	Speaker power	2 W
HD type	UHD+	Built-in microphone	✓
Panel type	Mini LED	Camera	
Native aspect ratio	16:10	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	120 Hz	Video capturing speed	30 fps
Processor		Privacy camera	✓
Processor manufacturer *	Intel	Privacy type	Privacy shutter
Processor family *	Intel Core Ultra 9	Network	
Processor generation	Intel® Core™ Ultra (Series 1)	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor model *	185H	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor cores	16	Mobile network connection *	✗
Processor threads	22	WLAN controller model	Killer Wi-Fi 7 BE1750
Processor boost frequency	5.1 GHz	Ethernet LAN	✓
Performance cores	6	Ethernet LAN data rates	2500 Mbit/s
Efficient cores	8	Bluetooth	✓
Low Power Efficient-cores	2	Bluetooth version	5.4
Performance-core Max Turbo Frequency	5.1 GHz	Ports & interfaces	
Efficient-core Max Turbo Frequency	3.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Performance-core base frequency	2.3 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core base frequency	1.8 GHz	HDMI ports quantity *	1
Low Power Efficient-core Base Frequency	1000 MHz	HDMI version	2.1
Processor cache	24 MB		

Processor		Ports & interfaces	
Processor cache type	Smart Cache	Thunderbolt 4 ports quantity	1
Processor base power	45 W	Intel® Thunderbolt 4	✓
Maximum turbo power	115 W	Combo headphone/mic port	✓
Neural processor unit (NPU)		Charging port type	DC-in jack
Neural processor unit (NPU)	Intel AI Boost	USB Type-C DisplayPort Alternate Mode	✓
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, Windows ML	Keyboard backlit colour	RGB
Memory		Keyboard backlit zone	Per-key RGB
Internal memory *	32 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system installed *	Windows 11 Pro
Memory clock speed	5600 MHz	Battery	
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 *	96 GB	Battery life (max)	5 h
Storage		Power	
Total storage capacity *	2 TB	AC adapter power	280 W
Storage media *	SSD	Security	
Total SSDs capacity	2 TB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	2 TB	Fingerprint reader	✓
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 (front)	1.99 cm
Discrete GPU manufacturer	NVIDIA	Height (rear)	2.4 cm
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Weight *	2.89 kg
Discrete graphics card memory	8 GB	Packaging data	
Discrete graphics memory type	GDDR6	Package width	483 mm
On-board graphics card *	✓	Package depth	114 mm
On-board GPU manufacturer	Intel	Package height	400 mm
		Package weight	3.9 kg
		Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000
		Other features	
		Warranty period	2 year(s)



4711377211123

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 21-DEC-2024. Prints or copies of Information are only valid on the printed Publication date