



MSI Stealth 18 AI STUDIO A1VIG-051BE Intel Core Ultra 9 185H Laptop 45.7 cm (18") WQUXGA 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4090 Wi-Fi 7 (802.11be) Windows 11 Pro Black



Brand : MSI

Product family: Stealth

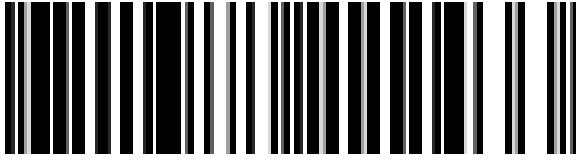
Product code: STEALTH 18 AI STUDIO A1VIG-051BE

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- Windows 11 Pro
 - Intel Core Ultra 9 185H (24MB Cache)
 - 45.7 cm (18") WQUXGA 3840 x 2400, NVIDIA GeForce RTX 4090 (16GB 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") WQUXGA 3840 x 2400, Intel Arc Graphics, NVIDIA GeForce RTX 4090 (16GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro
- MSI Stealth 18 AI STUDIO A1VIG-051BE. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 185H. Display diagonal: 45.7 cm (18"), HD type: WQUXGA, 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 4090. Operating system installed: Windows 11 Pro. Product colour: Black

Design		Graphics	
Colour name	Midnight Black	Discrete graphics memory type	GDDR6
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Black	On-board GPU manufacturer	Intel
Form factor *	Clamshell	Discrete graphics card *	✓
Display		On-board graphics card family	Intel Arc Graphics
Display diagonal *	45.7 cm (18")	On-board graphics card model *	Intel Arc Graphics
Display resolution *	3840 x 2400 pixels	Audio	
Touchscreen *	✗	Audio system	Nahimic 3
HD type	WQUXGA	Number of built-in speakers	2
Native aspect ratio	16:10	Speakers manufacturer	Nahimic
RGB colour space	DCI-P3	Speaker power	2 W
Colour gamut	100%	Camera	
Maximum refresh rate	120 Hz	Front camera	✓
High Dynamic Range (HDR) supported	✓	Front camera resolution	1920 x 1080 pixels
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 1000	Front camera HD type	Full HD
Processor		Video capturing speed	30 fps
Processor manufacturer *	Intel	Privacy camera	✓
Processor family *	Intel Core Ultra 9	Privacy type	Privacy shutter
Processor generation	Intel® Core™ Ultra (Series 1)	Network	
Processor model *	185H	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor cores	16	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor threads	22	Mobile network connection *	✗
Processor boost frequency	5.1 GHz	WLAN controller model	Killer Wi-Fi 7 BE1750
Performance cores	6	WLAN controller manufacturer	Killer
Efficient cores	8	Ethernet LAN	✓
Low Power Efficient-cores	2	Ethernet LAN data rates	2500 Mbit/s
		Bluetooth	✓
		Bluetooth version	5.4

Processor		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	Thunderbolt 4 ports quantity	1
Processor cache	24 MB	Intel® Thunderbolt 4	✓
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Processor base power	45 W	Charging port type	DC-in jack
Maximum turbo power	115 W	USB Type-C DisplayPort Alternate Mode	✓
Neural processor unit (NPU)		Keyboard	
Neural processor unit (NPU)	Intel AI Boost	Pointing device	Touchpad
Maximum frequency NPU	1.4 GHz	Numeric keypad *	✓
Sparsity support	✓	Keyboard backlit	✓
Windows Studio effects support	✓	Keyboard backlit colour	RGB
AI datatype support on NPU	FP16, FP32, Int8	Keyboard backlit zone	Per-key RGB
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Software	
Memory		Operating system installed *	Windows 11 Pro
Internal memory *	32 GB	Killer Control Center, Nvidia GeForce Experience, True Color, Nahimic 3, MSI App Player, Game Highlights, Ambient Link, MSI Companion, Crosshair, Battery Master, MSI Center, Steelseries GG, Discrete Graphics Mode, AI Voice Control, Ambient Silent AI, MSI AI Engine, Nvidia Omniverse, AI Noise Cancellation Pro, Microsoft Effect Pack (MEP)	
Internal memory type	DDR5-SDRAM	Bundled software	
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	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	290 mm
Card reader integrated	✓	Height	24 mm
Compatible memory cards	SD	Weight *	2.89 kg
Graphics		Other features	
Discrete GPU manufacturer	NVIDIA	Warranty period	2 year(s)
Discrete graphics card model *	NVIDIA GeForce RTX 4090		
Discrete graphics card memory	16 GB		



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