



**MSI Stealth 14 AI Studio A1VGG-040CA Intel Core Ultra 9 185H Laptop 35.6 cm (14") 2.8K 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 7 (802.11be) Windows 11 Home Blue**

**Brand :** MSI

**Product family:** Stealth

**Product code:** STEALTH 14 AI STUDIO A1VGG-040CA



**Product name :** Stealth 14 AI Studio A1VGG-040CA

- Windows 11 Home
- Intel Core Ultra 9 185H (24MB Cache)
- 35.6 cm (14") 2.8K 2880 x 1800, NVIDIA GeForce RTX 4070 (8GB GDDR6)
- 32GB (5600MHz) DDR5-SDRAM & 1000GB SSD

Intel Core Ultra 9 185H (24MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 35.6 cm (14") 2.8K 2880 x 1800, Intel Arc Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), WLAN, Webcam, Windows 11 Home  
 MSI Stealth 14 AI Studio A1VGG-040CA. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 185H. Display diagonal: 35.6 cm (14"), HD type: 2.8K, Display resolution: 2880 x 1800 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 4070. Operating system installed: Windows 11 Home. Product colour: Blue



Design		Graphics	
Colour name	Star Blue	Discrete GPU manufacturer	NVIDIA
Product type *	Laptop	Discrete graphics card model *	NVIDIA GeForce RTX 4070
Product colour *	Blue	Discrete graphics card memory	8 GB
Form factor *	Clamshell	Discrete graphics memory type	GDDR6
Display		On-board graphics card *	✓
Display diagonal *	35.6 cm (14")	On-board GPU manufacturer	Intel
Display resolution *	2880 x 1800 pixels	Discrete graphics card *	✓
Touchscreen *	✗	On-board graphics card family	Intel Arc Graphics
HD type	2.8K	On-board graphics card model *	Intel Arc Graphics
Native aspect ratio	16:10	Audio	
Anti-glare screen	✓	Audio system	Nahimic 3
High Dynamic Range (HDR) supported	✓	Number of built-in speakers	4
High Dynamic Range (HDR) technology	High Dynamic Range (HDR) 500	Speaker power	2 W
Processor		Camera	
Processor manufacturer *	Intel	Front camera	✓
Processor family *	Intel Core Ultra 9	Front camera resolution	1920 x 1080 pixels
Processor generation	Intel® Core™ Ultra (Series 1)	Front camera HD type	Full HD
Processor model *	185H	Video capturing speed	30 fps
Processor cores	16	Infrared (IR) camera	✓
Processor threads	22	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 *	✗
Low Power Efficient-cores	2	WLAN controller model	Killer Wi-Fi 7 BE1750
Performance-core Max Turbo Frequency	5.1 GHz	WLAN controller manufacturer	Killer
Efficient-core Max Turbo Frequency	3.8 GHz	Ethernet LAN	✗
		Bluetooth	✓

<b>Processor</b>		<b>Network</b>	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Bluetooth version	5.4
Performance-core base frequency	2.3 GHz	<b>Ports &amp; interfaces</b>	
Efficient-core base frequency	1.8 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Low Power Efficient-core Base Frequency	1000 MHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor cache	24 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	HDMI version	2.1
Processor base power	45 W	Thunderbolt 4 ports quantity	1
Maximum turbo power	115 W	Intel® Thunderbolt 4	✓
<b>Neural processor unit (NPU)</b>		Combo headphone/mic port	✓
Neural processor unit (NPU)	Intel AI Boost	USB Type-C DisplayPort Alternate Mode	✓
Maximum frequency NPU	1.4 GHz	<b>Keyboard</b>	
Sparsity support	✓	Pointing device	Touchpad
Windows Studio effects support	✓	Numeric keypad *	✗
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Keyboard backlit	✓
<b>Memory</b>		<b>Software</b>	
Internal memory *	32 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM	<b>Battery</b>	
Memory clock speed	5600 MHz	Number of battery cells	4
Memory form factor	SO-DIMM	Battery capacity *	72 Wh
Memory slots	2x SO-DIMM	<b>Power</b>	
Maximum internal memory *	96 GB	AC adapter power	240 W
<b>Storage</b>		<b>Security</b>	
Total storage capacity *	1 TB	Cable lock slot	✓
Storage media *	SSD	Cable lock slot type	Kensington
Total SSDs capacity	1 TB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	<b>Weight &amp; dimensions</b>	
SSD capacity	1 TB	Width	315 mm
SSD interface	PCI Express 4.0	Depth	246 mm
NVMe	✓	Height (front)	1.99 cm
Optical drive type *	✗	Height (rear)	2.18 cm
		Weight *	1.7 kg



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