MSI Stealth 16 AI Studio A1VFG-009FR Intel Core Ultra 7 155H Laptop 40,6 cm (16") Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 7 (802.11be) Windows 11 Pro Blue

Brand : MSI

Product family: Stealth

Article code: STEALTH 16 AI STUDIO A1VFG-009FR

Product name : Stealth 16 AI Studio A1VFG-009FR

MSI Stealth 16 AI Studio A1VFG-009FR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 40,6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 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 4060. Operating system installed: Windows 11 Pro. Product color: Blue

Design

Colour name	Star Blue
Product type *	Laptop
Product colour *	Blue
Form factor *	Clamshell
Original brand name	MSI

Display

Display diagonal *	40.6 cm (16")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✗
HD type	Quad HD+
Native aspect ratio	16:10
Anti-glare screen	✔
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	240 Hz

Processor

Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel® Core™ Ultra (Series 1)
Processor model *	155H
Processor cores	16
Processor boost frequency	4.8 GHz
Performance cores	6
Efficient cores	8
Performance-core Max Turbo Frequency	4.8 GHz
Efficient-core Max Turbo Frequency	3.8 GHz
Performance-core base frequency	1.4 GHz

Graphics

On-board graphics card family	Intel Arc Graphics
On-board graphics card model *	Intel Arc Graphics

Audio

Audio system	Nahimic 3
Number of built-in speakers	2
Speakers manufacturer	Nahimic
Speaker power	2 W

Camera

Front camera	✔
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Video capturing speed	30 fps
Infrared (IR) camera	✔

Network

Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Mobile network connection *	✗
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.4

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1

Processor

Efficient-core base frequency	0.9 GHz
Processor cache	24 MB
Processor cache type	Smart Cache
Configurable TDP-down	35 W
Processor base power	28 W
Maximum turbo power	115 W

Neural processor unit (NPU)

Neural processor unit (NPU)	Intel AI Boost
Maximum frequency NPU	1.4 GHz
Sparsity support	✔
Windows Studio effects support	✔
AI datatype support on NPU	FP16, FP32, Int8
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML

Memory

Internal memory *	32 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 16 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	96 GB

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✔
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 4060
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✔

Ports & interfaces

HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	1
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Performance

Repairability index	8.1

Keyboard

Pointing device	Touchpad
Keyboard layout	AZERTY
Keyboard language	French
Numeric keypad *	✔
Keyboard backlit	✔
Keyboard backlit colour	RGB
Keyboard backlit zone	Per-key RGB

Software

Operating system installed *	Windows 11 Pro
Bundled software	Killer Control Center, Nvidia GeForce Experience, True Color, Nahimic 3, Gaming Mode, MSI App Player, Noise Cancellation, Mystic Light, Game Highlights, Ambient Link, MSI Companion, Crosshair, Battery Master, MSI Center, Steelseries GG, Animaze, Discrete Graphics Mode, Ambient Silent AI, Smart Auto, MSI AI Engine, Nvidia Omniverse

Processor special features

Intel Flex Memory Access	✔
Intel Trusted Execution Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Execute Disable Bit	✔
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Battery

Number of battery cells	4
Battery capacity *	99.9 Wh

Power

AC adapter power	240 W

Weight & dimensions

Width	355.8 mm
Depth	259.7 mm
Height	19.9 mm
Weight *	1.99 kg

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