



MSI Stealth 14 Studio A13VE-089CA Intel® Core™ i7 i7-13620H Laptop 35.6 cm (14") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Home Blue



Brand : MSI

Product family: Stealth

Product code: STEALTH 14
STUDIO A13VE-089CA

Product name : Stealth 14
Studio A13VE-089CA

- Windows 11 Home
- Intel Core i7-13620H (24MB Cache)
- 35.6 cm (14") Full HD+ 1920 x 1200 IPS, NVIDIA GeForce RTX 4050 (6GB GDDR6)
- 16GB (5200MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
Intel Core i7-13620H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 35.6 cm (14") Full HD+ 1920 x 1200 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 4050 (6GB GDDR6), WLAN, Webcam, Windows 11 Home
MSI Stealth 14 Studio A13VE-089CA. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13620H. Display diagonal: 35.6 cm (14"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4050. Operating system installed: Windows 11 Home. Product colour: Blue



Design		Graphics	
Colour name	Star Blue	On-board graphics card 6K support	✓
Product type *	Laptop	Graphics card Open GL support	✓
Product colour *	Blue	Audio	
Form factor *	Clamshell	Number of built-in speakers	2
Original brand name	MSI	Speaker power	2 W
Display		Camera	
Display diagonal *	35.6 cm (14")	Front camera	✓
Display resolution *	1920 x 1200 pixels	Front camera resolution	1280 x 720 pixels
Touchscreen *	✗	Front camera HD type	HD
HD type	Full HD+	Video capturing speed	30 fps
Anti-glare screen	✓	Infrared (IR) camera	✓
Display diagonal (metric)	35.6 cm	Network	
Maximum refresh rate	165 Hz	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor		Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor manufacturer *	Intel	Mobile network connection *	✗
Processor family *	Intel® Core™ i7	WLAN controller manufacturer	Intel
Processor generation	13th gen Intel® Core™ i7	Bluetooth	✓
Processor model *	i7-13620H	Bluetooth version	5.3
Processor cores	10	Ports & interfaces	
Processor boost frequency	4.9 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Performance cores	6	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Efficient cores	4	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	4.9 GHz	HDMI version	2.1
Efficient-core Max Turbo Frequency	3.6 GHz	Thunderbolt 4 ports quantity	1
Processor cache	24 MB	Intel® Thunderbolt 4	✓
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Configurable TDP-down	35 W		

Processor		Ports & interfaces	
Processor base power	45 W	Charging port type	USB Type-C
Maximum turbo power	115 W	USB Type-C DisplayPort Alternate Mode	✓
Memory		Keyboard	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	DDR5-SDRAM	Numeric keypad *	✗
Memory clock speed	5200 MHz	Keyboard backlit	✓
Memory form factor	SO-DIMM	Keyboard backlit colour	RGB
Memory layout (slots x size)	2 x 8 GB	Keyboard backlit zone	Per-key RGB
Memory slots	2x SO-DIMM	Software	
Maximum internal memory *	64 GB	Operating system installed *	Windows 11 Home
Storage		Processor special features	
Total storage capacity *	512 GB	Intel Flex Memory Access	✓
Storage media *	SSD	Intel Trusted Execution Technology	✓
Total SSDs capacity	512 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Number of SSDs installed	1	Execute Disable Bit	✓
SSD capacity	512 GB	CPU configuration (max)	1
SSD interface	PCI Express 4.0	Embedded options available	✗
NVMe	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	✗	Intel Virtualization Technology (VT-x)	✓
Graphics		Battery	
Discrete GPU manufacturer	NVIDIA	Battery technology	Lithium Polymer (LiPo)
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Number of battery cells	4
Discrete graphics card memory	6 GB	Battery capacity *	72 Wh
Discrete graphics memory type	GDDR6	Power	
On-board graphics card *	✓	AC adapter power	240 W
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✓	Width	315 mm
On-board graphics card family	Intel® UHD Graphics	Depth	246 mm
On-board graphics card model *	Intel® UHD Graphics	Height	19 mm
On-board graphics card 4K support	✓	Weight *	1.7 kg



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