



MSI Cyborg 15 A13VE-693NL laptop Intel® Core™ i7 i7-13620H 39,6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6 (802.11ax) Windows 11 Home Zwart

Merk : MSI

Productfamilie: Cyborg

Artikelcode: CYBORG 15
A13VE-693NL

Productnaam : CYBORG 15
A13VE-693NL

- Windows 11 Home
- Intel Core i7-13620H (24MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 4050 (6GB GDDR6)
- 16GB (5600MHz) DDR5-SDRAM & 512GB SSD
Intel Core i7-13620H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel UHD Graphics, NVIDIA GeForce RTX 4050 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home
MSI Cyborg 15 A13VE-693NL. Type product: Laptop, Vormfactor: Clamshell. Processorfamilie: Intel® Core™ i7, Processormodel: i7-13620H. Beeldschermdiagonaal: 39,6 cm (15.6"), HD type: Full HD, Resolutie: 1920 x 1080 Pixels. Intern geheugen: 16 GB, Intern geheugentype: DDR5-SDRAM. Totale opslagcapaciteit: 512 GB, Opslagmedia: SSD. On-board graphics adapter model: Intel® UHD Graphics, Discreet grafische adapter model: NVIDIA GeForce RTX 4050. Inclusief besturingssysteem: Windows 11 Home. Kleur van het product: Zwart



Design		Graphics	
Product type *	Laptop	Discrete graphics memory type	GDDR6
Product colour *	Black	On-board graphics card *	✓
Form factor *	Clamshell	Discrete graphics card *	✓
Market positioning	Gaming	On-board graphics card family	Intel® UHD Graphics
Display		On-board graphics card model *	Intel® UHD Graphics
Display diagonal *	39.6 cm (15.6")	Audio	
Display resolution *	1920 x 1080 pixels	Audio system	Nahimic 3
Touchscreen *	✗	Number of built-in speakers	2
HD type	Full HD	Speaker power	2 W
Native aspect ratio	16:9	Built-in microphone	✓
Anti-glare screen	✓	Camera	
Display brightness	250 cd/m²	Front camera	✓
Maximum refresh rate	144 Hz	Front camera HD type	HD
Processor		Video capturing speed	30 fps
Processor manufacturer *	Intel	Network	
Processor family *	Intel® Core™ i7	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Processor generation	13th gen Intel® Core™ i7	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Processor model *	i7-13620H	Mobile network connection *	✗
Processor cores	10	WLAN controller model	Intel Wi-Fi 6 AX201
Processor boost frequency	4.9 GHz	WLAN controller manufacturer	Intel
Performance cores	6	Ethernet LAN	✓
Efficient cores	4	Ethernet LAN data rates	10,100,1000 Mbit/s
Performance-core Max Turbo Frequency	4.9 GHz	Bluetooth	✓
Efficient-core Max Turbo Frequency	3.6 GHz	Bluetooth version	5.2
Processor cache	24 MB	Ports & interfaces	
Processor cache type	Smart Cache	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor base power	45 W	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Maximum turbo power	115 W	Ethernet LAN (RJ-45) ports	1
Memory		HDMI ports quantity *	1
Internal memory *	16 GB	HDMI version	2.1
Internal memory type	DDR5-SDRAM		
Memory clock speed	5200 MHz		
Memory form factor	SO-DIMM		

Memory		Ports & interfaces	
Memory slots	2x SO-DIMM	Combo headphone/mic port	✓
Maximum internal memory *	64 GB	Keyboard	
Storage		Pointing device	Touchpad
Total storage capacity *	512 GB	Numeric keypad *	✓
Storage media *	SSD	Keyboard backlit	✓
Total SSDs capacity	512 GB	Keyboard backlit colour	Blue
Number of SSDs installed	1	Software	
SSD capacity	512 GB	Operating system installed *	Windows 11 Home
SSD interface	PCI Express 4.0	Battery	
NVMe	✓	Number of battery cells	3
SSD form factor	M.2	Battery capacity *	53.5 Wh
Optical drive type *	✗	Power	
Graphics		AC adapter power	120 W
Discrete GPU manufacturer	NVIDIA	DC-in jack	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Security	
Discrete graphics card memory	6 GB	Cable lock slot	✓
		Weight & dimensions	
		Width	359 mm
		Depth	250 mm
		Height	22.9 mm
		Weight *	1.98 kg



4711377165211

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: 27-FEB-2025. Prints or copies of Information are only valid on the printed Publication date