



**MSI Cyborg 14 A13VE-017BE 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 Black**

**Brand :** MSI

**Product family:** Cyborg

**Product code:** CYBORG 14  
A13VE-017BE



**Product name :** Cyborg 14  
A13VE-017BE



- Windows 11 Home
  - Intel Core i7-13620H (24MB Cache)
  - 35.6 cm (14") Full HD+ 1920 x 1200, NVIDIA GeForce RTX 4050 (6GB GDDR6)
  - 16GB (5600MHz) 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, Intel UHD Graphics, NVIDIA GeForce RTX 4050 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

MSI Cyborg 14 A13VE-017BE. 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: Black



Design		Audio	
Colour name	Translucent Black	Audio system	Nahimic 3
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Black	Speakers manufacturer	Nahimic
Form factor *	Clamshell	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
Native aspect ratio	16:10	Network	
Anti-glare screen	✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Maximum refresh rate	144 Hz	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor		Mobile network connection *	✗
Processor manufacturer *	Intel	WLAN controller model	Intel Wi-Fi 6E AX211
Processor family *	Intel® Core™ i7	WLAN controller manufacturer	Intel
Processor generation	13th gen Intel® Core™ i7	Ethernet LAN	✓
Processor model *	i7-13620H	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor cores	10	Bluetooth	✓
Processor boost frequency	4.9 GHz	Bluetooth version	5.3
Performance cores	6	Ports & interfaces	
Efficient cores	4	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Performance-core Max Turbo Frequency	4.9 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Efficient-core Max Turbo Frequency	3.6 GHz	Ethernet LAN (RJ-45) ports	1
Processor cache	24 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	HDMI version	2.1
Processor base power	45 W	Combo headphone/mic port	✓
Maximum turbo power	115 W	USB Type-C DisplayPort Alternate Mode	✓
Memory			
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		

<b>Memory</b>		<b>Performance</b>	
Memory clock speed	5200 MHz	Motherboard chipset	Intel HM770
Memory layout (slots x size)	2 x 8 GB	<b>Keyboard</b>	
Memory slots	2x SO-DIMM	Pointing device	Touchpad
Maximum internal memory *	64 GB	Numeric keypad *	✗
<b>Storage</b>		Keyboard backlit	✓
Total storage capacity *	512 GB	Keyboard backlit colour	Blue
Storage media *	SSD	<b>Software</b>	
Total SSDs capacity	512 GB	Operating system installed *	Windows 11 Home
Number of SSDs installed	1	<b>Battery</b>	
SSD capacity	512 GB	Number of battery cells	3
SSD interface	PCI Express 4.0	Battery capacity *	53.5 Wh
NVMe	✓	<b>Power</b>	
Optical drive type *	✗	AC adapter power	120 W
<b>Graphics</b>		<b>Security</b>	
Discrete GPU manufacturer	NVIDIA	Cable lock slot	✓
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Cable lock slot type	Kensington
Discrete graphics card memory	6 GB	Trusted Platform Module (TPM)	✓
Discrete graphics memory type	GDDR6	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	<b>Weight &amp; dimensions</b>	
On-board GPU manufacturer	Intel	Width	315 mm
Discrete graphics card *	✓	Depth	234 mm
On-board graphics card family	Intel® UHD Graphics	Height	22.3 mm
On-board graphics card model *	Intel® UHD Graphics	Weight *	1.6 kg
		<b>Other features</b>	
		Warranty period	2 year(s)



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