## MSI Cyborg 14 A13V Intel® Core™ i7 i7-13620H Laptop 35.6 cm (14") Full HD+ 16 GB DDR5-SDRAM SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black

**Brand**: MSI **Product family: Cyborg** Product code: CYBORG 14

A13VF-011UK

Product name: Cyborg 14

A13V

- Windows 11 Home
- Intel Core i7-13620H (24MB Cache)
- 35.6 cm (14") Full HD+ 1920 x 1200, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 16GB (5200MHz) DDR5-SDRAM & 512GB SSD

Intel Core i7-13620H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 35.6 cm (14") Full HD+ 1920  $\times$ 1200, Intel UHD Graphics, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11

MSI Cyborg 14 A13V. 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. Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Home. Product colour: Black. Weight: 1.6 kg







Design		Camera	
Product type *	Laptop	Front camera HD type	HD
Product colour *	Black	Video capturing speed	30 fps
Form factor *	Clamshell	Network	
Display		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display diagonal *	35.6 cm (14")	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1200 pixels	Mobile network connection *	×
Touchscreen *	×	Ethernet LAN	✓
HD type	Full HD+	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.3
Processor family *	Intel® Core™ i7	Ports & interfaces	
Processor generation	13th gen Intel® Core™ i7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A	2
Processor model *	i7-13620H	ports quantity *	2
Processor cores	10	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor boost frequency	4.9 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	6	HDMI ports quantity *	1
Efficient cores	4	HDMI version	2.1
Performance-core Max Turbo Frequency	4.9 GHz	Combo headphone/mic port	<b>√</b>
Efficient-core Max Turbo Frequency	3.6 GHz	USB Type-C DisplayPort Alternate	1
Processor cache	24 MB	Mode	•
Processor cache type	Smart Cache	Keyboard	
Processor base power	45 W	Pointing device	Touchpad
Maximum turbo power	115 W	Numeric keypad *	×
Memory		Keyboard backlit	✓
Internal memory *	16 GB	Keyboard backlit colour	Blue
Internal memory type	DDR5-SDRAM	Software	
Memory clock speed	5200 MHz	Operating system installed *	Windows 11 Home
Memory slots	2x SO-DIMM	Battery	
Maximum internal memory *	64 GB	•	2
Storage		Number of battery cells	3 53.5 Wh
Storage media *	SSD	Battery capacity * Battery life (max)	5 h
SSD interface	PCI Express 4.0	battery life (max)	<i>3</i> II
שטט ווונכוומנפ	FCI LAPIESS 4.0		

Storage		Power	
NVMe	✓	AC adapter power	120 W
Optical drive type *	×	Security	
Graphics		Cable lock slot	✓
Discrete GPU manufacturer Discrete graphics card model * Discrete graphics card memory Discrete graphics memory type On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card model *	NVIDIA  NVIDIA GeForce RTX 4060  8 GB  GDDR6  Intel  UHD Graphics  Intel® UHD Graphics	Cable lock slot type Trusted Platform Module (TPM) Trusted Platform Module (TPM) version	Kensington  ✓ 2.0
		Weight & dimensions	
		Width Depth Height (front) Height (rear)	314.7 mm 233.5 mm 1.86 cm 2.23 cm
Audio		Weight *	1.6 kg
Number of built-in speakers Speaker power	2 2 W	Packaging data Package width	453 mm
Camera		Package depth	87 mm
Front camera Front camera resolution	1280 x 720 pixels	Package height Package weight	297 mm 1.9 kg
		Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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