## MSI Cyborg 15 Intel® Core™ i7 i7-13620H Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home Black

**Brand : MSI Product family:** Cyborg **Product code:**957-15K111-802

Product name: Cyborg 15

- Windows 11 Home
- Intel Core i7-13620H (24MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 4060 (8GB GDDR6)
- 16GB (5200MHz) 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 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

MSI Cyborg 15. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13620H. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 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 4060. Operating system installed: Windows 11 Home. Product colour: Black





Docian		Graphics	
Design  Colour name  Product type *  Laptop	Translucent Black	On-board graphics card family On-board graphics card model *	Intel® UHD Graphics Intel® UHD Graphics
Product colour *	duct colour * Black m factor * Clamshell rket positioning Gaming  play  play  play diagonal * 39.6 cm (15.6") play resolution * 1920 x 1080 pixels uchscreen *   type Full HD  D backlight cive aspect ratio B colour space  NTSC	Audio	inter® one Graphics
Market positioning		Audio system Number of built-in speakers Speakers manufacturer Speaker power Built-in microphone	NAHIMIC 3 2
Display Display diagonal * Display resolution *			Nahimic 2 W
Touchscreen *		Camera	
LED backlight Native aspect ratio RGB colour space Colour gamut		Front camera Front camera resolution Front camera HD type Video capturing speed	1280 x 720 pixels HD 30 fps
Maximum refresh rate	144 Hz	Network	
Processor		Top Wi-Fi standard * Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor manufacturer * Processor family * Processor generation Processor model * Processor cores Processor threads Processor boost frequency Performance cores	Intel Intel® Core™ i7 13th gen Intel® Core™ i7 i7-13620H 10 16 4.9 GHz 6	Mobile network connection * WLAN controller model WLAN controller manufacturer Ethernet LAN Ethernet LAN data rates Bluetooth Bluetooth version	Wi-Fi 6E (802.11ax)  X Intel Wi-Fi 6E AX211 Intel  ✓ 10,100,1000 Mbit/s  ✓ 5.2
Efficient cores	4	Ports & interfaces	
Performance-core Max Turbo Frequency Efficient-core Max Turbo Frequency	4.9 GHz 3.6 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2

Processor		Ports & interfaces	
Processor cache	24 MB	USB 3.2 Gen 1 (3.1 Gen 1) Type-C	1
Processor cache type	Smart Cache	ports quantity *  Ethornot LAN (PL 45) ports	1
Processor base power	45 W	Ethernet LAN (RJ-45) ports HDMI ports quantity *	1
Maximum turbo power	115 W	HDMI version	2.1
Memory		Combo headphone/mic port	Z.1 ✓
Internal memory *	16 GB	USB Type-C DisplayPort Alternate	•
Internal memory type	DDR5-SDRAM	Mode	✓
Memory clock speed Memory form factor	5200 MHz SO-DIMM	Performance	
		Motherboard chipset	Intel HM670
Memory slots	2x SO-DIMM		IIICEI TIMO70
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	Island-style keyboard	✓
SSD capacity	512 GB	Software	
SSD interface	PCI Express 4.0	Operating system installed *	Windows 11 Home
NVMe	✓		Wildows 11 Home
SSD form factor	M.2	Battery	
Optical drive type *	×	Number of battery cells	3
Graphics		Battery capacity *	53.5 Wh
Discrete GPU manufacturer	NVIDIA	Power	
Discrete graphics card model *	NVIDIA GeForce RTX 4060	AC adapter power	120 W
Discrete graphics card memory	8 GB	DC-in jack	✓
Discrete graphics memory type	GDDR6	Security	
On-board graphics card *	✓	Cable lock slot	<b>/</b>
On-board GPU manufacturer	Intel	Cable lock slot type	Kensington
Discrete graphics card *	✓	, .	Kensington
		Weight & dimensions	
		Width	359.4 mm
		Depth	250.3 mm
		Height (front)	2.19 cm
		Height (rear)	2.29 cm
		Weight *	1.98 kg



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