## MSI Cyborg 15 A13VF-1053MX Intel® Core™ i7 i7-13620H Computadora portátil 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 Negro

Marca : MSI Familia de productos: Cyborg Código del producto: CYBORG 15 A13VF-1053MX

CYBORG



Frequency

Processor cache

Processor cache type

Efficient-core Max Turbo Frequency 3.6 GHz

24 MB

Smart Cache

Cyborg 15 A13VF-1053MX

MSI Cyborg 15 A13VF-1053MX. Tipo de producto: Computadora portátil, Factor de forma: Concha. Familia de procesador: Intel® Core™ i7, Modelo del procesador: i7-13620H. Diagonal de la pantalla: 39.6 cm (15.6"), Tipo HD: Full HD, Resolución de la pantalla: 1920 x 1080 Pixeles. Memoria interna: 16 GB, Tipo de memoria interna: DDR5-SDRAM. Capacidad total de almacenaje: 512 GB, Unidad de almacenamiento: SSD. Modelo de gráficos en tarjeta: Intel® UHD Graphics, Modelo de adaptador de gráficos discretos: NVIDIA GeForce RTX 4060. Sistema operativo instalado: Windows 11 Home. Color del producto: Negro



Design		Graphics	
Colour name Product type *	t type * Laptop t colour * Black actor * Clamshell	On-board graphics card family On-board graphics card model *	Intel® UHD Graphics Intel® UHD Graphics
Product colour *		Audio	
Form factor * Market positioning		Audio system Number of built-in speakers	Nahimic 3 2
Display Display diagonal * Display resolution *	39.6 cm (15.6") 1920 x 1080 pixels  x Full HD  16:9 144 Hz	Speakers manufacturer Speaker power Built-in microphone	Nahimic 2 W ✓
Touchscreen *		Camera	
HD type LED backlight Native aspect ratio Maximum refresh rate		Front camera Front camera HD type Video capturing speed	HD 30 fps
Processor		Network	
Processor manufacturer * Processor family * Processor generation Processor model * Processor cores Processor threads Processor boost frequency Performance cores Efficient cores	Intel Intel® Core™ i7 13th gen Intel® Core™ i7 i7-13620H 10 16 4.9 GHz 6 4	Top Wi-Fi standard * Wi-Fi standards Mobile network connection * WLAN controller model WLAN controller manufacturer Ethernet LAN Ethernet LAN data rates Bluetooth Bluetooth version	Wi-Fi 6E (802.11ax) Wi-Fi 6E (802.11ax)    ✓ Intel Wi-Fi 6E AX211 Intel  ✓ 10,100,1000 Mbit/s  ✓ 5.3
Performance-core Max Turbo	4.9 GHz	Ports & interfaces	

USB 3.2 Gen 1 (3.1 Gen 1) Type-A

USB 3.2 Gen 1 (3.1 Gen 1) Type-C

ports quantity \*

ports quantity?

Processor		Ports & interfaces	
Processor base power	45 W	Ethernet LAN (RJ-45) ports	1
Maximum turbo power	115 W	HDMI ports quantity *	1
Memory		HDMI version	2.1
Internal memory *	16 GB	Combo headphone/mic port	•
Internal memory type	DDR5-SDRAM	USB Type-C DisplayPort Alternate Mode	✓
Memory clock speed	5200 MHz SO-DIMM	Performance	
Memory form factor		Motherboard chipset	Intel HM670
Memory layout (slots x size) Memory slots	2 x 8 GB 2x SO-DIMM		inter rimo70
Maximum internal memory *	64 GB	Keyboard	
Storage		Pointing device	Touchpad
Total storage capacity *	512 GB	Numeric keypad *	<b>✓</b>
Storage media *	SSD	Keyboard backlit	√ Dive
Total SSDs capacity	512 GB	Keyboard backlit colour Island-style keyboard	Blue ✓
Number of SSDs installed	1		•
SSD capacity	512 GB	Software	
SSD interface	PCI Express 4.0	Operating system installed *	Windows 11 Home
NVMe	✓	Battery	
SSD form factor	M.2	Number of battery cells	3
Optical drive type *	×	Battery capacity *	53.5 Wh
Graphics		Power	
Discrete GPU manufacturer	NVIDIA	AC adapter power	120 W
Discrete graphics card model *	NVIDIA GeForce RTX 4060	DC-in jack	✓
Discrete graphics card memory	8 GB GDDR6	Security	
Discrete graphics memory type On-board graphics card *	GDDK0 ✓	Cable lock slot	<b>✓</b>
On-board GPU manufacturer	Intel	Cable lock slot type	Kensington
Discrete graphics card *	√ ·	Weight & dimensions	
		Width	359.4 mm
		Depth	250.3 mm
		Height (front)	2.19 cm
		Height (rear)	2.29 cm
		Weight *	1.98 kg

