



MSI Cyborg 17 B2RWEKG-023NL Intel Core 7 240H Laptop 43.9 cm (17.3") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA® GeForce RTX™ 5050 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : MSI

Product family: Cyborg

Product code: CYBORG 17
B2RWEKG-023NL

Product name : Cyborg 17
B2RWEKG-023NL

- Windows 11 Home
- Intel Core 7 240H (24MB Cache)
- 43.9 cm (17.3") Full HD 1920 x 1080 IPS-Level, NVIDIA GeForce RTX 5050 (8GB GDDR7)
- 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
Intel Core 7 240H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080 IPS-Level, Intel Graphics, NVIDIA GeForce RTX 5050 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home
MSI Cyborg 17 B2RWEKG-023NL. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core 7, Processor model: 240H. Display diagonal: 43.9 cm (17.3"), 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® Graphics, Discrete graphics card model: NVIDIA® GeForce RTX™ 5050. 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	Speaker power	2 W
Form factor *	Clamshell	Camera	
Housing material	Metal, Plastic	Front camera	✓
Market positioning	Gaming	Front camera resolution	1280 x 720 pixels
Original brand name	MSI	Front camera HD type	HD
Display		Video capturing speed	30 fps
Display diagonal *	43.9 cm (17.3")	Privacy camera	✓
Display resolution *	1920 x 1080 pixels	Privacy type	Privacy shutter
Touchscreen *	✗	Network	
HD type	Full HD	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Panel type	IPS-Level	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Native aspect ratio	16:9	Mobile network connection *	✗
Anti-glare screen	✓	WLAN controller model	Intel Wi-Fi 6E AX211
Display brightness	250 cd/m²	WLAN controller manufacturer	Intel
RGB colour space	NTSC	Ethernet LAN	✓
Colour gamut	45%	Ethernet LAN data rates	10,100,1000 Mbit/s
Maximum refresh rate	144 Hz	Bluetooth	✓
Processor		Bluetooth version	5.3
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel Core 7	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor generation	Intel Core (Series 2)	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor model *	240H	HDMI ports quantity *	1
Processor cores	10	HDMI version	2.1
Processor threads	16		
Processor boost frequency	5.2 GHz		
Performance cores	6		

Processor		Ports & interfaces	
Efficient cores	4	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5.2 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core Max Turbo Frequency	4 GHz	USB Sleep-and-Charge	✓
Performance-core base frequency	2.5 GHz	Performance	
Efficient-core base frequency	1.8 GHz	Motherboard chipset	Intel SoC
Processor cache	24 MB	Repairability index	7.9
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	RGB
Internal memory type	DDR5-SDRAM	Keyboard backlit zone	4-zone RGB
Memory clock speed	5600 MHz	Copilot key	✓
Memory layout (slots x size)	2 x 8 GB	Software	
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Home
Maximum internal memory *	96 GB	Bundled software	Nvidia App, MSI App Player, Mystic Light, MSI Center, DTS Audio Processing, MSI AI Engine, MSI Enterprise Support Tool (EST) > optional, AI Noise Cancellation Pro
Storage		Battery	
Total storage capacity *	512 GB	Number of battery cells	4
Storage media *	SSD	Battery capacity	3570 mAh
Total SSDs capacity	512 GB	Battery capacity *	55.2 Wh
Number of SSDs installed	1	Power	
SSD capacity	512 GB	AC adapter power	120 W
SSD interface	PCI Express 4.0	DC-in jack	✓
NVMe	✓	USB Type-C charging port *	✓
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
M.2 SSD size	2280 (22 x 80 mm)	Security	
Optical drive type *	✗	Cable lock slot	✓
Graphics		Cable lock slot type	Kensington
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA® GeForce RTX™ 5050	Trusted Platform Module (TPM) version	2.0
Discrete graphics card memory	8 GB	Weight & dimensions	
Discrete graphics memory type	GDDR7	Width	399.3 mm
On-board graphics card *	✓	Depth	258 mm
On-board GPU manufacturer	Intel	Height (front)	2.12 cm
Discrete graphics card *	✓	Height (rear)	2.22 cm
On-board graphics card family	Intel® Graphics	Weight *	2.4 kg
On-board graphics card model *	Intel® Graphics	Packaging content	
		AC adapter included *	✓
		Other features	
		Warranty period	2 year(s)



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