



MSI Cyborg 17 B13WGKG-231NL Intel Core 7 240H Laptop 43.9 cm (17.3") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : MSI

Product family: Cyborg

Product code: CYBORG 17
B13WGKG-231NL

Product name : Cyborg 17
B13WGKG-231NL

- Windows 11 Home
- Intel Core 7 240H (24MB Cache)
- 17.3" Full HD 1920 x 1080 IPS-Level, NVIDIA GeForce RTX 5070 (8GB GDDR7)
- 16GB (5600MHz) DDR5-SDRAM (1 x 16) & 512GB SSD
Intel Core 7 240H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 17.3" Full HD 1920 x 1080 IPS-Level, Intel Graphics, NVIDIA GeForce RTX 5070 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home
MSI Cyborg 17 B13WGKG-231NL. 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 5070. Operating system installed: Windows 11 Home. Product colour: Black



Design		Graphics	
Colour name	Translucent Black	On-board graphics card model *	Intel® Graphics
Product type *	Laptop	Audio	
Product colour *	Black	Audio system	DTS Audio Processing
Form factor *	Clamshell	Number of built-in speakers	2
Housing material	Metal, Plastic	Speaker power	2 W
Market positioning	Gaming	Camera	
Original brand name	MSI	Front camera	✓
Display		Front camera resolution	1280 x 720 pixels
Display diagonal *	43.9 cm (17.3")	Front camera HD type	HD
Display resolution *	1920 x 1080 pixels	Video capturing speed	30 fps
Touchscreen *	✗	Privacy camera	✓
HD type	Full HD	Privacy type	Privacy shutter
Panel type	IPS-Level	Network	
Native aspect ratio	16:9	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Anti-glare screen	✓	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display brightness	250 cd/m²	Mobile network connection *	✗
RGB colour space	NTSC	WLAN controller model	AMD RZ616
Colour gamut	45%	WLAN controller manufacturer	AMD
Maximum refresh rate	144 Hz	Ethernet LAN	✓
Processor		Ethernet LAN data rates	10,100,1000 Mbit/s
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel Core 7	Bluetooth version	5.2
Processor generation	Intel Core (Series 2)	Ports & interfaces	
Processor model *	240H	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor cores	10	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor threads	16	HDMI ports quantity *	1
Processor boost frequency	5.2 GHz	HDMI version	2.1
Performance cores	6	Combo headphone/mic port	✓
Efficient cores	4		
Performance-core Max Turbo Frequency	5.2 GHz		
Efficient-core Max Turbo Frequency	4 GHz		

Processor		Ports & interfaces	
Performance-core base frequency	2.5 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core base frequency	1.8 GHz	USB Sleep-and-Charge	✓
Processor cache	24 MB		
Processor cache type	Smart Cache		
Processor socket	BGA 1744		
Processor base power	45 W		
Maximum turbo power	115 W		
Memory		Performance	
Internal memory *	16 GB	Motherboard chipset	Intel SoC
Internal memory type	DDR5-SDRAM		
Memory clock speed	5600 MHz		
Memory layout (slots x size)	1 x 16 GB		
Memory slots	2x SO-DIMM		
Maximum internal memory *	96 GB		
Storage		Keyboard	
Total storage capacity *	512 GB	Pointing device	Touchpad
Storage media *	SSD	Numeric keypad *	✓
Total SSDs capacity	512 GB	Keyboard backlit	✓
Number of SSDs installed	1	Keyboard backlit colour	RGB
SSD capacity	512 GB	Keyboard backlit zone	4-zone RGB
SSD interface	PCI Express 4.0	Copilot key	✓
NVMe	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Graphics		Software	
Discrete GPU manufacturer	NVIDIA	Operating system installed *	Windows 11 Home
Discrete graphics card model *	NVIDIA GeForce RTX 5070		
Discrete graphics card memory	8 GB		
Discrete graphics memory type	GDDR7		
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		
Discrete graphics card *	✓		
On-board graphics card family	Intel® Graphics		
		Battery	
		Number of battery cells	4
		Battery capacity	3570 mAh
		Battery capacity *	55.2 Wh
		Battery weight	220 g
		Power	
		AC adapter power	120 W
		DC-in jack	✓
		USB Type-C charging port *	✓
		USB Power Delivery (USB PD)	✓
		Security	
		Cable lock slot	✓
		Cable lock slot type	Kensington
		Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
		Weight & dimensions	
		Width	359.3 mm
		Depth	245.2 mm
		Height (front)	2.21 cm
		Height (rear)	2.31 cm
		Weight *	2.1 kg
		Packaging content	
		AC adapter included *	✓
		Other features	
		Warranty period	2 year(s)



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