



MSI Cyborg 17 B13WGKG-231NL Intel® Core™ i7 i7-13620H Laptop 43.9 cm (17.3") Full HD 16 GB DDR5-SDRAM 1 TB 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 i7-13620H (24MB Cache)
- 43.9 cm (17.3") Full HD 1920 x 1080 IPS-Level, NVIDIA GeForce RTX 5070 (12GB GDDR7)
- 16GB (5600MHz) DDR5-SDRAM (1 x 16) & 1000GB SSD
Intel Core i7-13620H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080 IPS-Level, Intel UHD Graphics, NVIDIA GeForce RTX 5070 (12GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home
MSI Cyborg 17 B13WGKG-231NL. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-13620H. 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: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 5070. 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	
Market positioning	Gaming	Front camera	✓
Original brand name	MSI	Front camera resolution	1280 x 720 pixels
Display		Front camera HD type	HD
Display diagonal *	43.9 cm (17.3")	Video capturing speed	30 fps
Display resolution *	1920 x 1080 pixels	Privacy camera	✓
Touchscreen *	✗	Privacy type	Privacy shutter
HD type	Full HD	Network	
Panel type	IPS-Level	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Native aspect ratio	16:9	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Anti-glare screen	✓	Mobile network connection *	✗
RGB colour space	NTSC	WLAN controller model	Intel Wi-Fi 6E AX211
Colour gamut	45%	WLAN controller manufacturer	Intel
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™ i7	Bluetooth version	5.3
Processor generation	13th gen Intel® Core™ i7	Ports & interfaces	
Processor model *	i7-13620H	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	4.9 GHz	HDMI version	2.1
Performance cores	6		
Efficient cores	4		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	4.9 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	3.6 GHz	USB Type-C DisplayPort Alternate Mode	✓
Processor cache	24 MB	USB Sleep-and-Charge	✓
Processor cache type	Smart Cache		
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	Keyboard	
Memory layout (slots x size)	1 x 16 GB	Pointing device	Touchpad
Memory slots	2x SO-DIMM	Numeric keypad *	✓
Maximum internal memory *	96 GB	Keyboard backlit	✓
Storage		Keyboard backlit colour	RGB
Total storage capacity *	1 TB	Keyboard backlit zone	4-zone RGB
Storage media *	SSD	Copilot key	✓
Total SSDs capacity	1 TB		
Number of SSDs installed	1	Software	
SSD capacity	1 TB	Operating system installed *	Windows 11 Home
SSD interface	PCI Express 4.0		
NVMe	✓	Battery	
SSD form factor	M.2	Number of battery cells	4
M.2 SSD size	2280 (22 x 80 mm)	Battery capacity *	55.2 Wh
Optical drive type *	✗		
Graphics		Power	
Discrete GPU manufacturer	NVIDIA	AC adapter power	150 W
Discrete graphics card model *	NVIDIA GeForce RTX 5070	DC-in jack	✓
Discrete graphics card memory	12 GB	USB Type-C charging port *	✓
Discrete graphics memory type	GDDR7	USB Power Delivery (USB PD)	✓
On-board graphics card *	✓		
On-board GPU manufacturer	Intel	Security	
Discrete graphics card *	✓	Cable lock slot	✓
On-board graphics card family	Intel® UHD Graphics	Cable lock slot type	Kensington
On-board graphics card model *	Intel® UHD Graphics	Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
		Weight & dimensions	
		Width	399.3 mm
		Depth	258 mm
		Height (front)	2.12 cm
		Height (rear)	2.22 cm
		Weight *	2.5 kg
		Packaging content	
		AC adapter included *	✓

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