



MSI 0017U3-049

Brand : MSI

Product family: Cyborg

Product code: CYBORG 17
B2RWEKG-049

Product name : CYBORG 17
B2RWEKG-049

- Windows 11 Home
- Intel Core 5 210H (12MB Cache)
- 17.3" Full HD 1920 x 1080 IPS-Level, NVIDIA GeForce RTX 5050 Laptop GPU (8GB GDDR7)
- 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
Intel Core 5 210H (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 17.3" Full HD 1920 x 1080 IPS-Level, Intel Graphics, NVIDIA GeForce RTX 5050 Laptop GPU (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home
MSI Cyborg 17 B2RWEKG-049. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core 5, Processor model: 210H. 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 Laptop GPU. 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 *	✗
Display brightness	250 cd/m²	WLAN controller model	Intel Wi-Fi 6E AX211
RGB colour space	NTSC	WLAN controller manufacturer	Intel
Colour gamut	45%	Ethernet LAN	✓
Maximum refresh rate	144 Hz	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.3
Processor family *	Intel Core 5	Ports & interfaces	
Processor generation	Intel Core (Series 2)	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor model *	210H	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor cores	8	HDMI ports quantity *	1
Processor threads	12	HDMI version	2.1
Processor boost frequency	4.8 GHz		
Performance cores	4		
Efficient cores	4		

Processor		Ports & interfaces	
Efficient-core Max Turbo Frequency	3.6 GHz	Combo headphone/mic port	✓
Performance-core base frequency	2.2 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core base frequency	1.6 GHz	USB Sleep-and-Charge	✓
Processor cache	12 MB		
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		
Memory layout (slots x size)	2 x 8 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™ 5050 Laptop GPU		
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		
On-board graphics card model *	Intel® Graphics		
		Battery	
		Battery technology	Lithium Polymer (LiPo)
		Number of battery cells	4
		Battery capacity *	55.2 Wh
		Power	
		AC adapter power	120 W
		AC adapter input voltage	90 - 264 V
		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	399.3 mm
		Depth	258 mm
		Height (front)	2.12 cm
		Height (rear)	2.22 cm
		Weight *	2.4 kg
		Packaging content	
		AC adapter included *	✓
		Other features	
		Warranty period	2 year(s)



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