



MSI Cyborg 15 A12UCX-415CA Intel® Core™ i5 i5-12450H Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 2050 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : MSI

Product family: Cyborg

Product code: CYBORG 15
A12UCX-415CA

Product name : Cyborg 15
A12UCX-415CA

- Windows 11 Home
- Intel Core i5-12450H (12MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 2050 (4GB GDDR6)
- 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
Intel Core i5-12450H (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel UHD Graphics, NVIDIA GeForce RTX 2050 (4GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home
MSI Cyborg 15 A12UCX-415CA. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-12450H. Display diagonal: 39.6 cm (15.6"), 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® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 2050. Operating system installed: Windows 11 Home. Product colour: Black



Design		Audio	
Colour name	Translucent Black	Number of built-in speakers	2
Product type *	Laptop	Speakers manufacturer	Nahimic
Product colour *	Black	Speaker power	2 W
Form factor *	Clamshell	Built-in microphone	✓
Market positioning	Gaming	Camera	
Original brand name	MSI	Front camera	✓
Display		Front camera HD type	HD
Display diagonal *	39.6 cm (15.6")	Video capturing speed	30 fps
Display resolution *	1920 x 1080 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
HD type	Full HD	Wi-Fi standards	Wi-Fi 6 (802.11ax)
LED backlight	✓	Mobile network connection *	✗
Native aspect ratio	16:9	WLAN controller model	Intel Wi-Fi 6 AX201
Display brightness	250 cd/m²	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™ i5	Bluetooth version	5.2
Processor generation	12th gen Intel® Core™ i5	Ports & interfaces	
Processor model *	i5-12450H	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor cores	8	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor threads	12	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	4.4 GHz	HDMI ports quantity *	1
Efficient-core boost frequency	3.5 GHz	Combo headphone/mic port	✓
Processor cache	12 MB		
Processor cache type	Smart Cache		
Configurable TDP-down	35 W		
Processor base power	45 W		

Processor		Ports & interfaces	
Maximum turbo power	115 W	USB Type-C DisplayPort Alternate Mode	✓
Memory		Performance	
Internal memory *	16 GB	Motherboard chipset	Intel HM670
Internal memory type	DDR5-SDRAM	Keyboard	
Memory clock speed	4800 MHz	Pointing device	Touchpad
Memory form factor	SO-DIMM	Numeric keypad *	✓
Memory layout (slots x size)	2 x 8 GB	Keyboard backlit	✓
Memory slots	2x SO-DIMM	Keyboard backlit colour	Blue
Maximum internal memory *	64 GB	Island-style keyboard	✓
Storage		Software	
Total storage capacity *	512 GB	Operating system installed *	Windows 11 Home
Storage media *	SSD	Processor special features	
Total SSDs capacity	512 GB	Intel Flex Memory Access	✓
Number of SSDs installed	1	Intel VT-x with Extended Page Tables (EPT)	✓
SSD capacity	512 GB	Execute Disable Bit	✓
SSD interface	PCI Express 4.0	CPU configuration (max)	1
NVMe	✓	Embedded options available	✗
SSD form factor	M.2	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	✗	Intel Virtualization Technology (VT-x)	✓
Graphics		Battery	
Discrete GPU manufacturer	NVIDIA	Number of battery cells	3
Discrete graphics card model *	NVIDIA GeForce RTX 2050	Battery capacity *	53.5 Wh
Discrete graphics card memory	4 GB	Power	
Discrete graphics memory type	GDDR6	AC adapter power	120 W
On-board graphics card *	✓	DC-in jack	✓
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	Weight & dimensions	
Audio		Width	359.4 mm
Audio system	Nahimic 3	Depth	250.3 mm
		Height (front)	2.19 cm
		Height (rear)	2.29 cm
		Weight *	1.98 kg



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Catalog Object Cloud



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