



**MSI Cyborg 15 AI A1VEK-002UK Intel Core Ultra 7 155H Laptop
39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA
GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Home Black**

Brand : MSI

Product family: Cyborg

Product code: CYBORG 15 AI
A1VEK-002UK



Product name : Cyborg 15 AI
A1VEK-002UK

- Windows 11 Home
 - Intel Core Ultra 7 155H (24MB Cache)
 - 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 4050 (6GB GDDR6)
 - 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
- Intel Core Ultra 7 155H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel Arc Graphics, NVIDIA GeForce RTX 4050 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

[MSI Cyborg 15 AI A1VEK-002UK Intel Core Ultra 7 155H Laptop 39.6 cm \(15.6"\) Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E \(802.11ax\) Windows 11 Home Black:](#)

The next phase of evolution is here: dive into the world of games in cyberpunk style, flex your sci-fi fashion, and outplay your opponent with revolutionary hardware. Incorporating a futuristic mechanized exterior design, the Cyborg 15 AI A1V is built to be the most ground-breaking, avant-garde gaming laptop.



Design		Graphics	
Colour name	Translucent Black	Discrete graphics memory type	GDDR6
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Black	On-board GPU manufacturer	Intel
Form factor *	Clamshell	Discrete graphics card *	✓
Market positioning	Gaming	On-board graphics card family	Intel Arc Graphics
Country of origin	China	On-board graphics card model *	Intel Arc Graphics
Display		Audio	
Display diagonal *	39.6 cm (15.6")	Audio system	Nahimic 3
Display resolution *	1920 x 1080 pixels	Number of built-in speakers	2
Touchscreen *	✗	Speakers manufacturer	Nahimic
HD type	Full HD	Speaker power	2 W
LED backlight	✓	Built-in microphone	✓
Native aspect ratio	16:9	Camera	
RGB colour space	NTSC	Front camera	✓
Colour gamut	45%	Front camera HD type	HD
Maximum refresh rate	144 Hz	Video capturing speed	30 fps
Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor family *	Intel Core Ultra 7	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor generation	Intel® Core™ Ultra (Series 1)	Mobile network connection *	✗
Processor model *	155H	WLAN controller model	Intel Wi-Fi 6E AX211
Processor cores	16	WLAN controller manufacturer	Intel
Processor threads	22	Ethernet LAN	✓
Processor boost frequency	4.8 GHz	Ethernet LAN data rates	10,100,1000 Mbit/s
Performance cores	6	Bluetooth	✓
Efficient cores	8	Bluetooth version	5.2
Low Power Efficient-cores	2		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	4.8 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Efficient-core Max Turbo Frequency	3.8 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Ethernet LAN (RJ-45) ports	1
Performance-core base frequency	1.4 GHz	HDMI ports quantity *	1
Efficient-core base frequency	0.9 GHz	HDMI version	2.1
Low Power Efficient-core Base Frequency	700 MHz	Combo headphone/mic port	✓
Processor cache	24 MB	Charging port type	DC-in jack
Processor cache type	Smart Cache	USB Type-C DisplayPort Alternate Mode	✓
Processor base power	28 W	Keyboard	
Maximum turbo power	115 W	Pointing device	Touchpad
Neural processor unit (NPU)		Numeric keypad *	✓
Neural processor unit (NPU)	Intel AI Boost	Keyboard backlit	✓
Maximum frequency NPU	1.4 GHz	Keyboard backlit colour	Blue
Sparsity support	✓	Island-style keyboard	✓
Windows Studio effects support	✓	Software	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Operating system installed *	Windows 11 Home
Memory		Battery	
Internal memory *	16 GB	Battery technology	Lithium Polymer (LiPo)
Internal memory type	DDR5-SDRAM	Number of battery cells	3
Memory clock speed	5600 MHz	Battery capacity *	53.5 Wh
Memory form factor	SO-DIMM	Power	
Memory layout (slots x size)	2 x 8 GB	AC adapter power	120 W
Memory slots	2x SO-DIMM	Security	
Storage		Cable lock slot	✓
Total storage capacity *	512 GB	Weight & dimensions	
Storage media *	SSD	Width	359.4 mm
Total SSDs capacity	512 GB	Depth	250.3 mm
Number of SSDs installed	1	Height	22.9 mm
SSD capacity	512 GB	Height (front)	2.19 cm
SSD interface	PCI Express 4.0	Height (rear)	2.29 cm
NVMe	✓	Weight *	1.98 kg
SSD form factor	M.2	Packaging data	
Optical drive type *	✗	Package width	466 mm
Graphics		Package depth	88 mm
Discrete GPU manufacturer	NVIDIA	Package height	318 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Package weight	3 kg
Discrete graphics card memory	6 GB	Package volume	89100 cm ³
		Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000
		Other features	
		Warranty period	1 year(s)



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