



**MSI Cyborg 15 AI A1VFK-001UK Intel Core Ultra 7 155H Laptop
39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD NVIDIA
GeForce RTX 4060 Wi-Fi 6E (802.11ax) Windows 11 Home
Advanced Black**

Brand : MSI

Product family: Cyborg

Product code: CYBORG 15 AI
A1VFK-001UK



Product name : Cyborg 15 AI
A1VFK-001UK

- Windows 11 Home Advanced
 - Intel Core Ultra 7 155H (24MB Cache)
 - 39.6 cm (15.6") Full HD 1920 x 1080, NVIDIA GeForce RTX 4060 (8GB 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 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home Advanced
- MSI Cyborg 15 AI A1VFK-001UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. 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 Arc Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Home Advanced. Product colour: Black



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
Display		On-board graphics card model *	Intel Arc Graphics
Display diagonal *	39.6 cm (15.6")	Audio	
Display resolution *	1920 x 1080 pixels	Audio system	Nahimic 3
Touchscreen *	✗	Number of built-in speakers	2
HD type	Full HD	Speakers manufacturer	Nahimic
LED backlight	✓	Speaker power	2 W
Native aspect ratio	16:9	Built-in microphone	✓
RGB colour space	NTSC	Camera	
Colour gamut	45%	Front camera	✓
Maximum refresh rate	144 Hz	Front camera resolution	1280 x 720 pixels
Processor		Front camera HD type	HD
Processor manufacturer *	Intel	Video capturing speed	30 fps
Processor family *	Intel Core Ultra 7	Network	
Processor generation	Intel® Core™ Ultra (Series 1)	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor model *	155H	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor cores	16	Mobile network connection *	✗
Processor threads	22	WLAN controller model	Intel Wi-Fi 6E AX211
Processor boost frequency	4.8 GHz	WLAN controller manufacturer	Intel
Performance cores	6	Ethernet LAN	✓
Efficient cores	8	Ethernet LAN data rates	10,100,1000 Mbit/s
Low Power Efficient-cores	2	Bluetooth	✓
Performance-core Max Turbo Frequency	4.8 GHz	Bluetooth version	5.2

Processor		Ports & interfaces	
Efficient-core Max Turbo Frequency	3.8 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Performance-core base frequency	1.4 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core base frequency	0.9 GHz	HDMI ports quantity *	1
Low Power Efficient-core Base Frequency	700 MHz	HDMI version	2.1
Processor cache	24 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	Charging port type	DC-in jack
Processor base power	28 W	USB Type-C DisplayPort Alternate Mode	✓
Maximum turbo power	115 W		
Neural processor unit (NPU)		Performance	
Neural processor unit (NPU)	Intel AI Boost	Motherboard chipset	Intel SoC
Maximum frequency NPU	1.4 GHz	Keyboard	
Sparsity support	✓	Pointing device	Touchpad
Windows Studio effects support	✓	Numeric keypad *	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Keyboard backlit	✓
Memory		Keyboard backlit colour	RGB
Internal memory *	16 GB	Keyboard backlit zone	4-zone RGB
Internal memory type	DDR5-SDRAM	Island-style keyboard	✓
Memory clock speed	5600 MHz	Software	
Memory form factor	SO-DIMM	Operating system installed *	Windows 11 Home Advanced
Memory layout (slots x size)	2 x 8 GB	Battery	
Memory slots	2x SO-DIMM	Battery technology	Lithium Polymer (LiPo)
Maximum internal memory *	64 GB	Number of battery cells	3
Storage		Battery capacity *	53.5 Wh
Total storage capacity *	512 GB	Power	
Storage media *	SSD	AC adapter power	120 W
Total SSDs capacity	512 GB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	512 GB	Weight & dimensions	
SSD interface	PCI Express 4.0	Width	359 mm
NVMe	✓	Depth	250.3 mm
Optical drive type *	✗	Height (front)	2.19 cm
Graphics		Height (rear)	2.29 cm
Discrete GPU manufacturer	NVIDIA	Weight *	1.98 kg
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Packaging data	
Discrete graphics card memory	8 GB	Package width	466 mm
		Package depth	88 mm
		Package height	318 mm
		Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000
		Other features	
		Warranty period	1 year(s)



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