



MSI Pulse 16 AI C1VGKG-003FR Intel Core Ultra 9 185H Laptop 40,6 cm (16") Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : MSI

Product family: Pulse

Article code: PULSE 16 AI
C1VGKG-003FR

Product name : Pulse 16 AI
C1VGKG-003FR

MSI Pulse 16 AI C1VGKG-003FR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 185H. Display diagonal: 40,6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4070. Operating system installed: Windows 11 Pro. Product color: Black



Design		Graphics	
Colour name	Core 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 *	✓
Display		On-board graphics card family	Intel Arc Graphics
Display diagonal *	40.6 cm (16")	On-board graphics card model *	Intel Arc Graphics
Display resolution *	2560 x 1600 pixels	Audio	
Touchscreen *	✗	Audio system	Nahimic 3
HD type	Quad HD+	Number of built-in speakers	2
Anti-glare screen	✓	Speakers manufacturer	Nahimic
RGB colour space	DCI-P3	Speaker power	2 W
Colour gamut	100%	Camera	
Maximum refresh rate	240 Hz	Front camera	✓
Processor		Front camera resolution	1280 x 720 pixels
Processor manufacturer *	Intel	Front camera HD type	HD
Processor family *	Intel Core Ultra 9	Video capturing speed	30 fps
Processor generation	Intel® Core™ Ultra (Series 1)	Privacy camera	✓
Processor model *	185H	Privacy type	Privacy shutter
Processor cores	16	Network	
Processor boost frequency	5.1 GHz	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Performance cores	6	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Efficient cores	8	Mobile network connection *	✗
Performance-core Max Turbo Frequency	5.1 GHz	WLAN controller model	Intel Wi-Fi 6E AX211
Efficient-core Max Turbo Frequency	3.8 GHz	WLAN controller manufacturer	Intel
Performance-core base frequency	2.3 GHz	Ethernet LAN	✓
Efficient-core base frequency	1.8 GHz	Bluetooth	✓
Processor cache	24 MB	Bluetooth version	5.3

Processor		Ports & interfaces	
Processor cache type	Smart Cache	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor base power	45 W	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Maximum turbo power	115 W	Ethernet LAN (RJ-45) ports	1
Neural processor unit (NPU)		HDMI ports quantity *	1
Neural processor unit (NPU)	Intel AI Boost	HDMI version	2.1
Maximum frequency NPU	1.4 GHz	Combo headphone/mic port	✓
Sparsity support	✓	USB Type-C DisplayPort Alternate Mode	✓
Windows Studio effects support	✓	Performance	
AI datatype support on NPU	FP16, FP32, Int8	Repairability index	8.1
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Keyboard	
Memory		Pointing device	Touchpad
Internal memory *	32 GB	Numeric keypad *	✓
Internal memory type	DDR5-SDRAM	Keyboard backlit	✓
Memory clock speed	5600 MHz	Keyboard backlit colour	RGB
Memory layout (slots x size)	2 x 16 GB	Software	
Memory slots	2x SO-DIMM	Operating system installed *	Windows 11 Pro
Maximum internal memory *	96 GB	Battery	
Storage		Number of battery cells	4
Total storage capacity *	1 TB	Battery capacity *	90 Wh
Storage media *	SSD	Power	
Total SSDs capacity	1 TB	AC adapter power	240 W
Number of SSDs installed	1	Security	
SSD capacity	1 TB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Kensington
NVMe	✓	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Graphics		Weight & dimensions	
Discrete GPU manufacturer	NVIDIA	Width	359 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Depth	266.4 mm
Discrete graphics card memory	8 GB	Height	27.9 mm
		Weight *	2.5 kg



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