



## MSI Pulse 16 AI C1VGKG-004FR Intel Core Ultra 7 155H 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

**Article code:** PULSE 16 AI C1VGKG-004FR

**Product name :** Pulse 16 AI C1VGKG-004FR

MSI Pulse 16 AI C1VGKG-004FR. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. 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 7	Video capturing speed	30 fps
Processor generation	Intel® Core™ Ultra (Series 1)	Privacy camera	✓
Processor model *	155H	Privacy type	Privacy shutter
Processor cores	16	Network	
Processor boost frequency	4.8 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	4.8 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	1.4 GHz	Ethernet LAN	✓
Efficient-core base frequency	0.9 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	28 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



4711377161756

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 01-JAN-2025. Prints or copies of Information are only valid on the printed Publication date