



**MSI Pulse 16 AI C1VGKG-074FR 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 Home Black**

Brand : MSI

Product family: Pulse

Article code: PULSE 16 AI
C1VGKG-074FR

Product name : Pulse 16 AI
C1VGKG-074FR

MSI Pulse 16 AI C1VGKG-074FR. 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 Home. Product color: Black



Design		Graphics	
Color name	Core Black	Discrete graphics memory type	GDDR6
Product type *	Laptop	On-board graphics card *	✓
Product color *	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
Native aspect ratio	16:10	Speakers manufacturer	Nahimic
Anti-glare screen	✓	Speaker power	2 W
Display brightness	500 cd/m²	Camera	
RGB color space	DCI-P3	Front camera	✓
Color gamut	100%	Front camera resolution	1280 x 720 pixels
Maximum refresh rate	240 Hz	Front camera HD type	HD
Processor		Video capturing speed	30 fps
Processor manufacturer *	Intel	Privacy type	Privacy shutter
Processor family *	Intel Core Ultra 9	Network	
Processor generation	Intel® Core™ Ultra (Series 1)	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor model *	185H	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	5,1 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	5,1 GHz	Bluetooth version	5.3

Processor		Ports & interfaces	
Efficient-core Max Turbo Frequency	3,8 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Low Power Efficient-core Max Turbo Frequency	2,5 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Performance-core base frequency	2,3 GHz	Ethernet LAN (RJ-45) ports	1
Efficient-core base frequency	1,8 GHz	HDMI ports quantity *	1
Low Power Efficient-core Base Frequency	1000 MHz	HDMI version	2.1
Processor cache	24 MB	Combo headphone/mic port	✓
Processor cache type	Smart Cache	USB Type-C DisplayPort Alternate Mode	✓
Processor base power	45 W		
Maximum turbo power	115 W	Performance	
Neural processor unit (NPU)		Repairability index	8.1
Neural processor unit (NPU)	Intel AI Boost	Keyboard	
Maximum frequency NPU	1,4 GHz	Pointing device	Touchpad
Sparsity support	✓	Numeric keypad *	✓
Windows Studio effects support	✓	Keyboard backlit	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Keyboard backlit color	RGB
Memory		Software	
Internal memory *	32 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM	Bundled software	Nvidia GeForce Experience, Nahimic 3, MSI App Player, Mystic Light, Game Highlights, MSI Companion, Crosshair, Battery Master, MSI Center, Discrete Graphics Mode, MSI AI Engine, Nvidia Broadcast, Microsoft Effect Pack (MEP)
Memory clock speed	5600 MHz		
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 16 GB		
Memory slots	2x SO-DIMM		
Maximum internal memory *	96 GB	Battery	
Storage		Number of battery cells	4
Total storage capacity *	1 TB	Battery capacity	5815 mAh
Storage media *	SSD	Battery capacity *	90 Wh
Total SSDs capacity	1 TB	Power	
Number of SSDs installed	1	AC adapter power	240 W
SSD capacity	1 TB	Security	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Kensington
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete GPU manufacturer	NVIDIA	Weight & dimensions	
Discrete graphics card model *	NVIDIA GeForce RTX 4070	Width	359 mm
Discrete graphics card memory	8 GB	Depth	266,4 mm
		Height (front)	2,18 cm
		Height (rear)	2,79 cm
		Weight *	2,5 kg
		Other features	
		Warranty period	2 year(s)



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