



**MSI Pulse 17 AI C1VGKG-001UK Intel Core Ultra 9 185H Laptop
43.2 cm (17") Quad HD+ 16 GB DDR5-SDRAM 1 TB SSD NVIDIA
GeForce RTX 4070 Wi-Fi 6E (802.11ax) Windows 11 Home Black**

Brand : MSI

Product family: Pulse

Product code: PULSE 17 AI
C1VGKG-001UK

Product name : Pulse 17 AI
C1VGKG-001UK



- Windows 11 Home
 - Intel Core Ultra 9 185H (24MB Cache)
 - 43.2 cm (17") Quad HD+ 2560 x 1600, NVIDIA GeForce RTX 4070 (8GB GDDR6)
 - 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD
- Intel Core Ultra 9 185H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, 43.2 cm (17") Quad HD+ 2560 x 1600, Intel Arc Graphics, NVIDIA GeForce RTX 4070 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home
- MSI Pulse 17 AI C1VGKG-001UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 185H. Display diagonal: 43.2 cm (17"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 16 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 colour: Black



Design		Graphics	
Colour name	Core Black	Discrete graphics card memory	8 GB
Product type *	Laptop	Discrete graphics memory type	GDDR6
Product colour *	Black	On-board graphics card *	✓
Form factor *	Clamshell	On-board GPU manufacturer	Intel
Display		Discrete graphics card *	✓
Display diagonal *	43.2 cm (17")	On-board graphics card family	Intel Arc Graphics
Display resolution *	2560 x 1600 pixels	On-board graphics card model *	Intel Arc Graphics
Touchscreen *	✗	Audio	
HD type	Quad HD+	Audio system	Nahimic 3
Native aspect ratio	16:10	Number of built-in speakers	2
Anti-glare screen	✓	Speakers manufacturer	Nahimic
Display brightness	500 cd/m ²	Speaker power	2 W
RGB colour space	DCI-P3	Camera	
Colour gamut	100%	Front camera	✓
Maximum refresh rate	240 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 9	Privacy type	Privacy shutter
Processor generation	Intel® Core™ Ultra (Series 1)	Network	
Processor model *	185H	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor cores	16	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor threads	22	Mobile network connection *	✗
Processor boost frequency	5.1 GHz	WLAN controller model	Intel Wi-Fi 6E AX211
Performance cores	6	WLAN controller manufacturer	Intel
Efficient cores	8	Ethernet LAN	✓
Low Power Efficient-cores	2	Ethernet LAN data rates	10,100,1000 Mbit/s
Performance-core Max Turbo Frequency	5.1 GHz	Bluetooth	✓
		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	Keyboard	
Processor base power	45 W	Pointing device	Touchpad
Maximum turbo power	115 W	Numeric keypad *	✓
Neural processor unit (NPU)		Keyboard backlit	✓
Neural processor unit (NPU)	Intel AI Boost	Keyboard backlit colour	RGB
Maximum frequency NPU	1.4 GHz	Software	
Sparsity support	✓	Operating system installed *	Windows 11 Home
Windows Studio effects support	✓	MSI System Control Manager MSI BurnRecovery MSI Remind Manager MSI Battery Calibration MSI Help Desk Norton Internet Security (trial 60days) Norton Studio (Metro) (permanent free) Nvidia GeForce Experience Microsoft Office 2016 (trial 30 days, 1 year per purchase) True Color 2.0 Nahimic 3 Dragon Center 2.0	
AI datatype support on NPU	FP16, FP32, Int8	Bundled software	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery	
Memory		Number of battery cells	4
Internal memory *	16 GB	Battery capacity *	90 Wh
Internal memory type	DDR5-SDRAM	Power	
Memory clock speed	5600 MHz	AC adapter power	240 W
Memory layout (slots x size)	2 x 8 GB	Security	
Memory slots	2x SO-DIMM	Cable lock slot	✓
Maximum internal memory *	96 GB	Cable lock slot type	Kensington
Storage		Trusted Platform Module (TPM)	✓
Total storage capacity *	1 TB	Trusted Platform Module (TPM) version	2.0
Storage media *	SSD	Weight & dimensions	
Total SSDs capacity	1 TB	Width	383 mm
Number of SSDs installed	1	Depth	280 mm
SSD capacity	1 TB	Height	22.2 mm
SSD interface	PCI Express 4.0	Weight *	2.8 kg
NVMe	✓		
Optical drive type *	✗		
Graphics			
Discrete GPU manufacturer	NVIDIA		
Discrete graphics card model *	NVIDIA GeForce RTX 4070		



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Publication date: 25-OCT-2024. Prints or copies of Information are only valid on the printed Publication date