



MSI Cubi NUC AI+ 2MG-022US Copilot+ PC Intel Core Ultra 9 288V 32 GB LPDDR5x-SDRAM 1 TB SSD Windows 11 Home Mini PC Black

Brand : MSI

Product family: Cubi

Product code: CUBI NUC AI+ 2MG-022US

Product name : Cubi NUC AI+ 2MG-022US



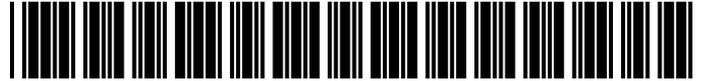
- Windows 11 Home
 - Intel Core Ultra 9 288V (12MB Cache)
 - 32GB LPDDR5x-SDRAM & 1000GB SSD
 Intel Core Ultra 9 288V (12MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, Intel Arc Graphics 140V, LAN, WLAN, Bluetooth, Windows 11 Home
 MSI Cubi NUC AI+ 2MG-022US. Processor family: Intel Core Ultra 9, Processor model: 288V. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD, Card reader integrated. On-board graphics card model: Intel Arc Graphics 140V. Wi-Fi. Operating system installed: Windows 11 Home. Power supply: 120 W. Chassis type: Mini PC. Product type: Mini PC. Weight: 667 g. Product colour: Black

Processor		Network	
Processor manufacturer *	Intel	Wi-Fi *	✓
Processor family *	Intel Core Ultra 9	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Processor generation	Intel Core Ultra (Series 2)	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor model *	288V	WLAN controller manufacturer	Intel
Processor cores	8	WLAN controller model	Intel Wi-Fi 6E AX211
Processor threads	8	Antenna type	2x2
Processor boost frequency	5.1 GHz	Bluetooth	✓
Performance cores	4	Bluetooth version	5.3
Low Power Efficient-cores	4		
Performance-core Max Turbo Frequency	5.1 GHz	Ports & interfaces	
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	USB 2.0 ports quantity *	2
Performance-core base frequency	3.3 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Low Power Efficient-core Base Frequency	3300 MHz	Number of USB ports with PowerShare support	1
Processor cache	12 MB	USB Type-C DisplayPort Alternate Mode	✓
Processor cache type	Smart Cache	Intel® Thunderbolt 4	✓
Processor base power	30 W	Thunderbolt 4 ports quantity	2
Maximum turbo power	37 W	HDMI ports quantity *	1
		HDMI version	2.1
		Ethernet LAN (RJ-45) ports	1
		Combo headphone/mic port	✓
		Headphone outputs	1
		Microphone in	✓
		Expansion slots	
		Number of 3.5" bays	1
		PCI Express x1 slots	1
		PCI Express x1 (Gen 3.x) slots	1
		PCI Express x16 slots	1
		Power	
		Power supply *	120 W
		Design	
		Chassis type *	Mini PC
Neural processor unit (NPU)			
Copilot+ PC	✓		
Neural processor unit (NPU)	Intel AI Boost		
Sparsity support	✓		
Windows Studio effects support	✓		
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN		
Total processor performance up to	120 TOPs		
NPU performance up to	48 TOPs		
GPU performance up to	67 TOPs		
Memory			
Internal memory *	32 GB		
Maximum internal memory *	32 GB		
Internal memory type	LPDDR5x-SDRAM		

Storage		Design	
Total storage capacity *	1 TB	Volume	0.826 L
Storage media *	SSD	Placement supported	Horizontal/Vertical
Optical drive type *	✗	Number of 2.5" bays	1
Total SSDs capacity	1 TB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	1 TB	Product colour *	Black
SSD interface	PCI Express	Software	
NVMe	✓	Operating system installed *	Windows 11 Home
SSD form factor	M.2	Display	
M.2 SSD size	2280 (22 x 80 mm)	Display included *	✗
Card reader integrated	✓	Audio	
Compatible memory cards	MicroSD (TransFlash)	Audio chip	Realtek ALC256
Graphics		Audio system	High Definition Audio
Discrete graphics card *	✗	Operational conditions	
On-board graphics card *	✓	Operating temperature (T-T)	0 - 35 °C
Discrete graphics card model *	Not available	Storage temperature (T-T)	-20 - 60 °C
On-board GPU manufacturer	Intel	Operating relative humidity (H-H)	0 - 85%
On-board graphics card family	Intel Arc Graphics	Storage relative humidity (H-H)	0 - 90%
On-board graphics card model *	Intel Arc Graphics 140V	Weight & dimensions	
Performance		Width *	135.6 mm
Market positioning	Business	Depth *	132.5 mm
Powered by	MSI	Height *	50.1 mm
Motherboard form factor	NUC	Weight *	667 g
Trusted Platform Module (TPM)	✓	Packaging data	
Product type *	Mini PC	Package width	205 mm
Trusted Platform Module (TPM) version	2.0	Package depth	220 mm
Built-in speaker(s)	✓	Package height	94 mm
Network		Package weight	1.68 kg
Ethernet LAN *	✓	Packaging content	
Ethernet LAN data rates	2500 Mbit/s	Mouse included	✗
Cabling technology	10/100/1000Base-T(X)	Keyboard included	✗
LAN controller	Intel I226-V	Certificates	
		Compliance certificates	CB, Federal Communications Commission (FCC)
		Technical details	
		Statement of conformance & platform certificate included	✓
		Not classified as hazardous under GHS	✓



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Catalog Object Cloud



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