



MSI Cubi NUC AI+ 2MG Intel Core Ultra 9 288V, Desktop PC, NUC, SFF, Mini Computer, HTPC, (32GB RAM, 1TB Storage, Windows 11 PRO NextGen Premium), Intel Arc Graphics/Embedded DDR5/Dual ThunderBolt 4/HDMI/Dual LAN/WiFi 6E/BT 5.3/VESA

Brand : MSI

Product family: Cubi

Product code: CUBI NUC AI+
2MG I9 288V FS 32GB 1TB
W11PP

Product name : MSI Cubi NUC
AI+ 2MG Intel Core Ultra 9 288V,
Desktop PC, NUC, SFF, Mini
Computer, HTPC, (32GB RAM,
1TB Storage, Windows 11 PRO
NextGen Premium), Intel Arc
Graphics/Embedded DDR5/Dual
ThunderBolt 4/HDMI/Dual
LAN/WiFi 6E/BT 5.3/VESA

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MSI Cubi NUC AI+ 2MG Intel Core Ultra 9 288V, Desktop PC, NUC, SFF, Mini Computer, HTPC, (32GB RAM, 1TB Storage, Windows 11 PRO NextGen Premium), Intel Arc Graphics/Embedded DDR5/Dual ThunderBolt 4/HDMI/Dual LAN/WiFi 6E/BT 5.3/VESA. Processor frequency: 3.3 GHz, Processor family: Intel Core Ultra 9, Processor model: 288V. Internal memory: 32 GB, Internal memory type: LPDDR5-SDRAM, Memory clock speed: 7467 MHz. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 120 W. Chassis type: Mini PC. Product type: Mini PC. Product colour: Black

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Processor		Network	
Processor manufacturer *	Intel	Bluetooth Low Energy (BLE)	✓
Processor family *	Intel Core Ultra 9	Wake-on-LAN ready	✓
Processor model *	288V	Miracast	✓
Processor cores	8	Ports & interfaces	
Processor threads	8		
Processor boost frequency	5.1 GHz	USB 2.0 ports quantity *	2
Processor frequency *	3.3 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Performance cores	4	PowerShare	✓
Efficient cores	4	Number of USB ports with PowerShare support	1
Performance-core Max Turbo Frequency	5.1 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core Max Turbo Frequency	3.7 GHz	Intel® Thunderbolt 4	✓
Performance-core base frequency	3.3 GHz	Thunderbolt 4 ports quantity	2
Efficient-core base frequency	3.3 GHz	Intel® Thunderbolt 5	✗
Processor cache	12 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	HDMI version	2.1
Number of processors installed	1	Ethernet LAN (RJ-45) ports	1
Processor base power	28 W	Combo headphone/mic port	✓
Maximum turbo power	64 W	Headphone outputs	1
Neural processor unit (NPU)		Line-out	✗
Copilot+ PC	✗	Line-in	✗
Neural processor unit (NPU)	Intel AI Boost	Microphone in	✓
Maximum frequency NPU	1.4 GHz	DVI port	✗
Sparsity support	✓	S/PDIF out port	✗
Windows Studio effects support	✓	DC-in jack	✗
AI datatype support on NPU	FP16, Int8	Number of rear USB ports	2
AI software frameworks supported by NPU	ONNX RT, OpenVINO		
Total processor performance up to	34 TOPs		

Neural processor unit (NPU)		Ports & interfaces	
NPU performance up to	10 TOPs	Number of front USB ports	2
GPU performance up to	24 TOPs	Number of front audio ports	1
Memory		Number of rear audio ports	1
Internal memory *	32 GB	Fiber NIC port (Flex I/O)	✗
Maximum internal memory *	96 GB	Total number of SATA connectors	2
Internal memory type	LPDDR5-SDRAM	Expansion slots	
Memory layout (slots x size)	1 x 32 GB	Number of 3.5" bays	1
Memory slots	1x SO-DIMM	PCI Express x1 slots	1
Memory clock speed	7467 MHz	PCI Express x1 (Gen 3.x) slots	1
ECC	✗	PCI Express x16 slots	1
Non-ECC	✓	PCI Express x16 (Gen 3.x) slots	1
Memory channels	Dual-channel	Power	
Buffered memory type	Clocked unregistered (unbuffered)	Power supply *	120 W
Memory data transfer rate	7467 MT/s	Power supply input voltage	100 - 240 V
Storage		Power supply input frequency	50 - 60 Hz
Total storage capacity *	1 TB	Design	
Storage media *	SSD	Chassis type *	Mini PC
Optical drive type *	✗	Colour name	Black
Number of storage drives installed	1	Placement supported	Horizontal/Vertical
Number of storage drives supported	1	VESA mounting	✓
Total HDDs capacity	0 GB	Water cooling system	✗
Total SSDs capacity	1 TB	Number of 2.5" bays	1
Number of SSDs installed	1	Cable lock slot	✗
SSD capacity	1 TB	Cable lock slot type	Kensington
SSD memory type	TLC	Product colour *	Black
SSD interface	PCI Express	Copilot key	✗
NVMe	✓	Housing material	Metal, Plastic
SSD form factor	M.2	Viewing window	✗
M.2 SSD size	2280 (22 x 80 mm)	RGB memory lighting	✗
Card reader integrated	✗	Introduction year	2025
Intel® Optane™ Memory module installed	✗	Introduction month	June
Graphics		Country of origin	China
Discrete graphics card *	✗	Refurbished	✗
On-board graphics card *	✓	Certified refurbished	✗
On-board GPU manufacturer	Intel	Software	
On-board graphics card family	Intel Arc Graphics	Operating system architecture	64-bit
On-board graphics card model *	Intel Arc Graphics	Operating system language	English
On-board graphics card cores	8	Windows 11 free upgrade	✗
On-board graphics card 6K support	✓	Operating system installed *	Windows 11 Pro
On-board graphics card 8K support	✓	Apple Intelligence	✗
Number of external displays supported	4	Drivers included	✓
Graphics card Open GL support	✓	Processor special features	
NVIDIA G-SYNC	✗	Video decode engine	✓
NVIDIA GameWorks VR	✗	Video encode engine	✓
CUDA	✗	Display	
AMD FreeSync	✓	Display included *	✗
Ray tracing acceleration	✓	Audio	
Performance		Audio chip	Realtek ALC256
Market positioning	Business	Audio system	High Definition Audio
Powered by	MSI	Number of speakers	2
Virtual Reality (VR) ready	✗	Built-in microphone	✗
Motherboard form factor	NUC	Operational conditions	
Password protection	✓	Operating temperature (T-T)	0 - 40 °C
Password protection type	BIOS	Storage temperature (T-T)	-20 - 60 °C

Performance		Operational conditions	
Fingerprint reader	✗	Operating relative humidity (H-H)	10 - 90%
BIOS type	UEFI	Weight & dimensions	
Trusted Platform Module (TPM)	✓	Width *	135.6 mm
Product type *	Mini PC	Depth *	132.5 mm
Trusted Platform Module (TPM) version	2.0	Height *	50.1 mm
Audio output channels	2.0 channels	Weight *	630 g
Built-in speaker(s)	✓	Packaging data	
Network		Package width	205 mm
Ethernet LAN *	✓	Package depth	220 mm
Ethernet LAN data rates	2500 Mbit/s	Package height	94 mm
Cabling technology	10/100/1000Base-T(X)	Package weight	1.38 kg
LAN controller	Intel I226-V	Packaging content	
Wi-Fi *	✓	Mouse included	✗
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Keyboard included	✗
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Numeric keypad	✗
WLAN controller manufacturer	Intel	Cables included	AC
WLAN controller model	Intel Wi-Fi 6E AX211	VESA mount included	✓
Antenna type	2x2	Screws included	✓
Bluetooth	✓	Manual	✓
Bluetooth version	5.3	Certificates	
		Waste Electrical and Electronic Equipment (WEEE) compliance	✓
		Compliance certificates	CE, Federal Communications Commission (FCC)
		Keyboard	
		Keyboard backlit	✗
		Technical details	
		Statement of conformance & platform certificate included	✓
		Not classified as hazardous under GHS	✓
		Other features	
		TV tuner integrated	✗
		Locale	English
		Warranty period	3 year(s)



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