



MSI Cubi NUC AI+ 2MG i9 288V FS 32GB 1TB W11PP Intel Core Ultra 9 LPDDR5-SDRAM SSD Windows 11 Pro Mini PC Black

Brand : MSI

Product family: Cubi

Product code: CUBI NUC AI+
2MG i9 288V FS 32GB 1TB
W11PP

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2MG i9 288V FS 32GB 1TB
W11PP



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

MSI Cubi NUC AI+ 2MG i9 288V FS 32GB 1TB W11PP. 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

Processor		Ports & interfaces	
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
Processor family *	Intel Core Ultra 9	Thunderbolt 4 ports quantity	2
Processor model *	288V	Intel® Thunderbolt 5	✗
Processor cores	8	DVI port	✗
Processor threads	8	HDMI ports quantity *	1
Processor boost frequency	5.1 GHz	HDMI version	2.1
Processor frequency *	3.3 GHz	Ethernet LAN (RJ-45) ports	1
Performance cores	4	Microphone in	✓
Efficient cores	4	Headphone outputs	1
Performance-core Max Turbo Frequency	5.1 GHz	Line-out	✗
Efficient-core Max Turbo Frequency	3.7 GHz	Line-in	✗
Performance-core base frequency	3.3 GHz	Combo headphone/mic port	✓
Efficient-core base frequency	3.3 GHz	S/PDIF out port	✗
Processor cache	12 MB	DC-in jack	✗
Processor cache type	Smart Cache	Number of rear USB ports	2
Number of processors installed	1	Number of front USB ports	2
Processor base power	28 W	Number of front audio ports	1
Maximum turbo power	64 W	Number of rear audio ports	1
Neural processor unit (NPU)		Fiber NIC port (Flex I/O)	✗
Neural processor unit (NPU)	Intel AI Boost	Total number of SATA connectors	2
Maximum frequency NPU	1.4 GHz	Expansion slots	
Sparsity support	✓	PCI Express x1 slots	1
Windows Studio effects support	✓	PCI Express x1 (Gen 3.x) slots	1
AI datatype support on NPU	FP16, Int8	PCI Express x16 slots	1
AI software frameworks supported by NPU	ONNX RT, OpenVINO	PCI Express x16 (Gen 3.x) slots	1
Total processor performance up to	34 TOPs	Design	
NPU performance up to	10 TOPs	Chassis type *	Mini PC
GPU performance up to	24 TOPs	Colour name	Black
Memory		Placement supported	Horizontal/Vertical
Internal memory *	32 GB	VESA mounting	✓
Maximum internal memory *	96 GB	Water cooling system	✗
Internal memory type	LPDDR5-SDRAM	Number of 3.5" bays	1
Memory layout (slots x size)	1 x 32 GB	Number of 2.5" bays	1
Memory slots	1x SO-DIMM	Cable lock slot	✗
Memory clock speed	7467 MHz	Cable lock slot type	Kensington

Memory		Design	
ECC	✗	Product colour *	Black
Non-ECC	✓	Copilot key	✗
Memory channels	Dual-channel	Housing material	Metal, Plastic
Buffered memory type	Clocked unregistered (unbuffered)	Viewing window	✗
Memory data transfer rate	7467 MT/s	RGB memory lighting	✗
Storage		Country of origin	China
Total storage capacity *	1 TB	Refurbished	✗
Storage media *	SSD	Certified refurbished	✗
Optical drive type *	✗	Performance	
Number of storage drives installed	1	Market positioning	Business
Number of storage drives supported	1	Powered by	MSI
Total HDDs capacity	0 GB	Virtual Reality (VR) ready	✗
Total SSDs capacity	1 TB	Audio chip	Realtek ALC256
Number of SSDs installed	1	Audio system	High Definition Audio
SSD capacity	1 TB	Audio output channels	2.0 channels
SSD memory type	TLC	Built-in speaker(s)	✓
SSD interface	PCI Express	Number of speakers	2
NVMe	✓	Password protection	✓
SSD form factor	M.2	Password protection type	BIOS
M.2 SSD size	2280 (22 x 80 mm)	Fingerprint reader	✗
Card reader integrated	✗	BIOS type	UEFI
Intel® Optane™ Memory module installed	✗	Trusted Platform Module (TPM)	✓
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete graphics card *	✗	Product type *	Mini PC
On-board graphics card *	✓	Software	
On-board GPU manufacturer	Intel	Operating system installed *	Windows 11 Pro
On-board graphics card family	Intel Arc Graphics	Operating system architecture	64-bit
On-board graphics card model *	Intel Arc Graphics	Windows 11 free upgrade	✗
On-board graphics card cores	8	Operating system language	English
On-board graphics card 6K support	✓	Apple Intelligence	✗
On-board graphics card 8K support	✓	Copilot+ PC	✗
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	✗	Power	
AMD FreeSync	✓	Power supply *	120 W
Ray tracing acceleration	✓	Power supply input voltage	100 - 240 V
Graphics card HDMI ports quantity	1	Power supply input frequency	50 - 60 Hz
Graphics card DisplayPorts quantity	1	Operational conditions	
Network		Operating temperature (T-T)	0 - 40 °C
Ethernet LAN *	✓	Storage temperature (T-T)	-20 - 60 °C
Ethernet LAN data rates	2500 Mbit/s	Operating relative humidity (H-H)	10 - 90%
Cabling technology	10/100/1000Base-T(X)	Certificates	
LAN controller	Intel I226-V	Waste Electrical and Electronic Equipment (WEEE) compliance	✓
Wi-Fi *	✓	Compliance certificates	CE, Federal Communications Commission (FCC)
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Weight & dimensions	
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Width *	135.6 mm
WLAN controller manufacturer	Intel	Depth *	132.5 mm
WLAN controller model	Intel Wi-Fi 6E AX211	Height *	50.1 mm
Antenna type	2x2	Weight *	630 g
Bluetooth	✓	Package width	205 mm
Bluetooth version	5.3		
Bluetooth Low Energy (BLE)	✓		
Wake-on-LAN ready	✓		

Network		Weight & dimensions	
Miracast	✓	Package depth	220 mm
Ports & interfaces		Package height	94 mm
USB 2.0 ports quantity *	2	Package weight	1.38 kg
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Packaging content	
PowerShare	✓	Mouse included	✗
Number of USB ports with PowerShare support	1	Keyboard included	✗
USB Type-C DisplayPort Alternate Mode	✓	Keyboard backlit	✗
		Numeric keypad	✗
		Cables included	AC
		VESA mount included	✓
		Screws included	✓
		Manual	✓
		Display	
		Display included *	✗
		Technical details	
		Statement of conformance & platform certificate included	✓
		Not classified as hazardous under GHS	✓
		Other features	
		TV tuner integrated	✗
		Built-in microphone	✗
		Locale	English
		Warranty period	3 year(s)



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