



MSI Cubi NUC AI+ 2MG i7 258V FS 32GB 1TB W11PP Intel Core Ultra 7 LPDDR5x-SDRAM SSD Windows 11 Pro Mini PC Black

Brand : MSI

Product family: Cubi

Product code: CUBI NUC AI+
2MG i7 258V FS 32GB 1TB
W11PP

Product name : Cubi NUC AI+
2MG i7 258V FS 32GB 1TB
W11PP



MSI Cubi NUC AI+ 2MG Intel Core Ultra 7 258V, 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 i7 258V FS 32GB 1TB W11PP. Processor frequency: 2.2 GHz, Processor family: Intel Core Ultra 7, Processor model: 258V. Internal memory: 32 GB, Internal memory type: LPDDR5x-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	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel Core Ultra 7	Intel® Thunderbolt 4	✓
Processor model *	258V	Thunderbolt 4 ports quantity	2
Processor cores	8	Intel® Thunderbolt 5	✗
Processor threads	4	DVI port	✗
Processor boost frequency	4.8 GHz	HDMI ports quantity *	1
Processor frequency *	2.2 GHz	HDMI version	2.1
Performance cores	4	Ethernet LAN (RJ-45) ports	1
Low Power Efficient-cores	4	Microphone in	✓
Performance-core Max Turbo Frequency	4.8 GHz	Headphone outputs	1
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	Line-out	✗
Performance-core base frequency	2.2 GHz	Line-in	✗
Low Power Efficient-core Base Frequency	2.2 MHz	Combo headphone/mic port	✓
Processor cache	12 MB	S/PDIF out port	✗
Processor cache type	Smart Cache	DC-in jack	✗
Number of processors installed	1	Number of rear USB ports	2
Processor base power	17 W	Number of front USB ports	2
Maximum turbo power	37 W	Number of front audio ports	1
Neural processor unit (NPU)		Fiber NIC port (Flex I/O)	✗
Neural processor unit (NPU)	Intel AI Boost	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	15 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	LPDDR5x-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	CB, 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	✗
		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)



4711377358064

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.