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	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 9
Processor generation	Intel Core Ultra (Series 2)
Processor model *	288V
Processor cores	8
Processor threads	8
Processor boost frequency	5.1 GHz
Performance cores	4
Low Power Efficient-cores	4
Performance-core Max Turbo Frequency	5.1 GHz
Low Power Efficient-core Max Turbo Frequency	3.7 GHz
Performance-core base frequency	3.3 GHz
Low Power Efficient-core Base Frequency	3300 MHz
Processor cache	12 MB
Processor cache type	Smart Cache
Processor base power	30 W
Maximum turbo power	37 W

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

Network	
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 6E AX211
Antenna type	2x2
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces	
USB 2.0 ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Number of USB ports with PowerShare support	1
USB Type-C DisplayPort Alternate Mode	✔
Intel® Thunderbolt 4	✔
Thunderbolt 4 ports quantity	2
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

Storage	
Total storage capacity *	1 TB
Storage media *	SSD
Optical drive type *	✗
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express
NVMe	✓
SSD form factor	M.2
M.2 SSD size	2280 (22 x 80 mm)
Card reader integrated	✓
Compatible memory cards	MicroSD (TransFlash)

Graphics	
Discrete graphics card *	✗
On-board graphics card *	✓
Discrete graphics card model *	Not available
On-board GPU manufacturer	Intel
On-board graphics card family	Intel Arc Graphics
On-board graphics card model *	Intel Arc Graphics 140V

Performance	
Market positioning	Business
Powered by	MSI
Motherboard form factor	NUC
Trusted Platform Module (TPM)	✓
Product type *	Mini PC
Trusted Platform Module (TPM) version	2.0
Built-in speaker(s)	✓

Network	
Ethernet LAN *	✓
Ethernet LAN data rates	2500 Mbit/s
Cabling technology	10/100/1000Base-T(X)
LAN controller	Intel I226-V

Design	
Volume	0.826 L
Placement supported	Horizontal/Vertical
Number of 2.5" bays	1
Cable lock slot	✓
Cable lock slot type	Kensington
Product colour *	Black

Software	
Operating system installed *	Windows 11 Home

Display	
Display included *	✗

Audio	
Audio chip	Realtek ALC256
Audio system	High Definition Audio

Operational conditions	
Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	0 - 85%
Storage relative humidity (H-H)	0 - 90%

Weight & dimensions	
Width *	135.6 mm
Depth *	132.5 mm
Height *	50.1 mm
Weight *	667 g

Packaging data	
Package width	205 mm
Package depth	220 mm
Package height	94 mm
Package weight	1.68 kg

Packaging content	
Mouse included	✗
Keyboard included	✗

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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