



MSI Cubi NUC AI+ 3MG Intel Core Ultra 9 386H (18MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, Intel Graphics, LAN, WLAN, Bluetooth, Windows 11 Pro (NUC AI+ 3MG i9 386H FS 32GB 1TB W11PP)



Brand : MSI

Product family: Cubi

Product code: CUBI NUC AI+ 3MG-002EU

Product name : MSI Cubi NUC AI+ 3MG Intel Core Ultra 9 386H (18MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, Intel Graphics, LAN, WLAN, Bluetooth, Windows 11 Pro (Cubi NUC AI+ 3MG i9 386H FS 32GB 1TB W11PP)

- Windows 11 Pro
- Intel Core Ultra 9 386H (18MB Cache)
- 32GB DDR5-SDRAM (2 x 16) & 1000GB SSD
Intel Core Ultra 9 386H (18MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, Intel Graphics, LAN, WLAN, Bluetooth, Windows 11 Pro
MSI Cubi NUC AI+ 3MG Intel Core Ultra 9 386H (18MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, Intel Graphics, LAN, WLAN, Bluetooth, Windows 11 Pro (NUC AI+ 3MG i9 386H FS 32GB 1TB W11PP).
Processor family: Intel Core Ultra 9, Processor model: 386H. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD, Card reader integrated. On-board graphics card model: Intel® Graphics. Wi-Fi. Operating system installed: Windows 11 Pro. Power supply: 120 W. Chassis type: Mini PC. Product type: Mini PC. Weight: 510 g. Product colour: Black



Processor		Performance	
Processor manufacturer *	Intel	Product type *	Mini PC
Processor family *	Intel Core Ultra 9	Trusted Platform Module (TPM) version	2.0
Processor generation	Intel® Core™ Ultra (Series 3)	Built-in speaker(s)	✓
Processor model *	386H	Network	
Processor cores	16	Ethernet LAN *	✓
Processor threads	16	Ethernet LAN data rates	2500 Mbit/s
Processor boost frequency	4.9 GHz	Wi-Fi *	✓
Performance cores	4	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Efficient cores	8	Wi-Fi standards	Wi-Fi 7 (802.11be)
Performance-core Max Turbo Frequency	4.8 GHz	Bluetooth	✓
Efficient-core Max Turbo Frequency	3.7 GHz	Bluetooth version	5.4
Performance-core base frequency	2.2 GHz	Ports & interfaces	
Processor cache	18 MB	USB 2.0 ports quantity *	1
Processor cache type	Smart Cache	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Processor socket	FCBGA2540	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor base power	25 W	USB Type-C DisplayPort Alternate Mode	✓
Maximum turbo power	80 W	Intel® Thunderbolt 4	✓
Neural processor unit (NPU)		Thunderbolt 4 ports quantity	2
Copilot+ PC	✓	HDMI ports quantity *	2
Neural processor unit (NPU)	Intel AI Boost	HDMI version	2.1
Sparsity support	✓	Ethernet LAN (RJ-45) ports	2
Windows Studio effects support	✓	Combo headphone/mic port	✗
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Microphone in	✗
NPU performance up to	50 TOPs		
GPU performance up to	40 TOPs		

Memory		Power	
Internal memory *	32 GB	Power supply *	120 W
Maximum internal memory *	128 GB	Design	
Internal memory type	DDR5-SDRAM	Chassis type *	Mini PC
Memory layout (slots x size)	2 x 16 GB	Volume	0.51 L
Memory slots	2x SO-DIMM	Placement supported	Horizontal/Vertical
Storage		Cable lock slot	✓
Total storage capacity *	1 TB	Cable lock slot type	Kensington
Storage media *	SSD	Product colour *	Black
Optical drive type *	✗	Software	
Total SSDs capacity	1 TB	Operating system installed *	Windows 11 Pro
Number of SSDs installed	1	Display	
SSD capacity	1 TB	Display included *	✗
SSD interface	PCI Express 4.0	Operational conditions	
NVMe	✓	Operating temperature (T-T)	0 - 35 °C
SSD form factor	M.2	Storage temperature (T-T)	-20 - 60 °C
Card reader integrated	✓	Operating relative humidity (H-H)	0 - 85%
Graphics		Storage relative humidity (H-H)	0 - 90%
Discrete graphics card *	✗	Weight & dimensions	
On-board graphics card *	✓	Width *	119.6 mm
Discrete graphics card model *	Not available	Depth *	115.2 mm
On-board GPU manufacturer	Intel	Height *	37.5 mm
On-board graphics card family	Intel® Graphics	Weight *	510 g
On-board graphics card model *	Intel® Graphics	Packaging data	
Performance		Package width	221 mm
Market positioning	Business	Package depth	506 mm
Motherboard chipset	Intel SoC	Package height	469 mm
Motherboard form factor	NUC	Package weight	1.55 kg
Trusted Platform Module (TPM)	✓	Certificates	
		Compliance certificates	CB, Federal Communications Commission (FCC)
Other features			
		Warranty period	3 year(s)



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