



MSI Cubi NUC AI 1UMG-005EU Intel Core Ultra 7 155H 16 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Mini PC Black

Brand : MSI

Product code: CUBI NUC AI 1UMG-005EU

Product name : Cubi NUC AI 1UMG-005EU

- Windows 11 Pro
- Intel Core Ultra 7 155H (24MB Cache)
- 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD
Intel Core Ultra 7 155H (24MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, Intel Arc Graphics, LAN, WLAN, Bluetooth, Windows 11 Pro
MSI Cubi NUC AI 1UMG-005EU. Processor family: Intel Core Ultra 7, Processor model: 155H. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 5600 MHz. Total storage capacity: 1 TB, Storage media: SSD, Card reader integrated. On-board graphics card model: Intel Arc Graphics. Operating system installed: Windows 11 Pro. Power supply: 120 W. Chassis type: Mini PC. Product type: Mini PC. Weight: 630 g. Product colour: Black



Processor		Network	
Processor manufacturer *	Intel	WLAN controller model	Intel Wi-Fi 6E AX211
Processor family *	Intel Core Ultra 7	Bluetooth	✓
Processor generation	Intel® Core™ Ultra (Series 1)	Bluetooth version	5.3
Processor model *	155H	Ports & interfaces	
Processor cores	16	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor threads	22	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor boost frequency	4.8 GHz	Intel® Thunderbolt 4	✓
Performance cores	6	Thunderbolt 4 ports quantity	2
Efficient cores	8	DVI port	✗
Low Power Efficient-cores	2	HDMI ports quantity *	2
Performance-core Max Turbo Frequency	4.8 GHz	HDMI version	2.1
Efficient-core Max Turbo Frequency	3.8 GHz	Ethernet LAN (RJ-45) ports	2
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Microphone in	✗
Performance-core base frequency	1.4 GHz	Combo headphone/mic port	✓
Efficient-core base frequency	0.9 GHz	DC-in jack	✓
Low Power Efficient-core Base Frequency	700 MHz	Design	
Processor cache	24 MB	Chassis type *	Mini PC
Processor cache type	Smart Cache	Panel mounting interface	100 x 100 mm
Number of processors supported	1	VESA mounting	✓
Processor base power	28 W	Cable lock slot	✓
Maximum turbo power	115 W	Cable lock slot type	Kensington
Neural processor unit (NPU)		Product colour *	Black
Neural processor unit (NPU)	Intel AI Boost	Copilot key	✓
Sparsity support	✓	Housing material	Plastic
Windows Studio effects support	✓		

Neural processor unit (NPU)		Performance	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Motherboard chipset	Intel SoC
Memory		Motherboard form factor	NUC
Internal memory *	16 GB	Built-in speaker(s)	✗
Maximum internal memory *	64 GB	Trusted Platform Module (TPM)	✓
Internal memory type	DDR5-SDRAM	Product type *	Mini PC
Memory layout (slots x size)	2 x 8 GB	Trusted Platform Module (TPM) version	2.0
Memory slots	2x SO-DIMM	Software	
Memory clock speed	5600 MHz	Operating system installed *	Windows 11 Pro
Supported memory types	DDR5-SDRAM	Power	
Storage		Power supply type	External AC adapter
Total storage capacity *	1 TB	Power supply *	120 W
Storage media *	SSD	Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	0 - 35 °C
Total SSDs capacity	1 TB	Storage temperature (T-T)	-20 - 60 °C
Number of SSDs installed	1	Operating relative humidity (H-H)	0 - 85%
SSD capacity	1 TB	Storage relative humidity (H-H)	0 - 90%
SSD interface	PCI Express 4.0	Certificates	
NVMe	✓	Certification	FCC(Class B), CB/CE, UL(CUL), BSMI, VCCI, RCM(C-Tick)
SSD form factor	M.2	Weight & dimensions	
M.2 SSD size	2280 (22 x 80 mm)	Width *	119.6 mm
Card reader integrated	✓	Depth *	115.2 mm
Compatible memory cards	MicroSD (TransFlash)	Height *	37.5 mm
Graphics		Weight *	630 g
Discrete graphics card *	✗	Packaging data	
On-board graphics card *	✓	Package width	205 mm
Discrete graphics card model *	Not available	Package depth	220 mm
On-board GPU manufacturer	Intel	Package height	94 mm
On-board graphics card family	Intel Arc Graphics	Package weight	1.45 kg
On-board graphics card model *	Intel Arc Graphics	Packaging content	
Graphics card family	Intel	Mouse included	✗
Network		Keyboard included	✗
Ethernet LAN *	✓	AC adapter included	✓
LAN controller	Intel I226-V	Power cord included	✓
Wi-Fi *	✓	Display	
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Display included *	✗
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Other features	
		Cooling type	Active
		Number of displays supported	4
		Number of M.2 (M) slots	2
		Warranty period	3 year(s)



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