



MSI Cubi NUC AI 1UMG-006EU Intel Core Ultra 5 125H 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Mini PC Black

Brand : MSI

Product code: CUBI NUC AI 1UMG-006EU

Product name : Cubi NUC AI 1UMG-006EU

- Windows 11 Pro
- Intel Core Ultra 5 125H (18MB Cache)
- 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
Intel Core Ultra 5 125H (18MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel Arc Graphics, LAN, WLAN, Bluetooth, Windows 11 Pro
MSI Cubi NUC AI 1UMG-006EU. Processor family: Intel Core Ultra 5, Processor model: 125H. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 5600 MHz. Total storage capacity: 512 GB, 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 5	Bluetooth	✓
Processor generation	Intel® Core™ Ultra (Series 1)	Bluetooth version	5.3
Processor model *	125H	Ports & interfaces	
Processor cores	14	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor threads	18	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor boost frequency	4.5 GHz	Intel® Thunderbolt 4	✓
Performance cores	4	Thunderbolt 4 ports quantity	2
Efficient cores	8	DVI port	✗
Low Power Efficient-cores	2	HDMI ports quantity *	2
Performance-core Max Turbo Frequency	4.5 GHz	HDMI version	2.1
Efficient-core Max Turbo Frequency	3.6 GHz	Ethernet LAN (RJ-45) ports	2
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Microphone in	✗
Performance-core base frequency	1.2 GHz	Combo headphone/mic port	✓
Efficient-core base frequency	0.7 GHz	DC-in jack	✓
Low Power Efficient-core Base Frequency	700 MHz	Design	
Processor cache	18 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	✓	Cooling type	Active
Windows Studio effects support	✓	Housing material	Plastic

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 *	512 GB	Power supply *	120 W
Storage media *	SSD	Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	0 - 35 °C
Total SSDs capacity	512 GB	Storage temperature (T-T)	-20 - 60 °C
Number of SSDs installed	1	Operating relative humidity (H-H)	0 - 85%
SSD capacity	512 GB	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	
		Number of displays supported	4
		Number of M.2 (M) slots	2
		Warranty period	3 year(s)



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