



MSI Cubi NUC AI 1UMG-010US PC/workstation Intel Core Ultra 7 155H 32 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Mini PC Black



Brand : MSI

Product family: Cubi

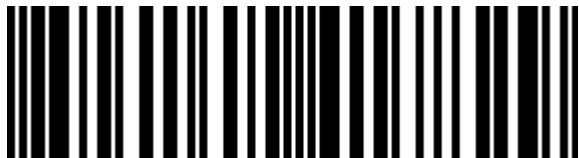
Product code: CUBI NUC AI
1UMG-010US

Product name : CUBI NUC AI
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- Windows 11 Pro
- Intel Core Ultra 7 155H (24MB Cache)
- 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD
Intel Core Ultra 7 155H (24MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, Intel Arc Graphics, LAN, WLAN, Bluetooth, Windows 11 Pro
MSI Cubi NUC AI 1UMG-010US. Processor family: Intel Core Ultra 7, Processor model: 155H. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 5600 MHz. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Wi-Fi. 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		Performance	
Processor manufacturer *	Intel	Product type *	Mini PC
Processor family *	Intel Core Ultra 7	Trusted Platform Module (TPM) version	2.0
Processor generation	Intel® Core™ Ultra (Series 1)	Built-in speaker(s)	✗
Processor model *	155H	Network	
Processor cores	16	Ethernet LAN *	✓
Processor threads	22	LAN controller	Intel I226-V
Processor boost frequency	4.8 GHz	Wi-Fi *	✓
Performance cores	6	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Efficient cores	8	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Low Power Efficient-cores	2	WLAN controller model	Intel Wi-Fi 6E AX211
Performance-core Max Turbo Frequency	4.8 GHz	Bluetooth	✓
Efficient-core Max Turbo Frequency	3.8 GHz	Bluetooth version	5.3
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Ports & interfaces	
Performance-core base frequency	1.4 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Efficient-core base frequency	0.9 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Low Power Efficient-core Base Frequency	700 MHz	Intel® Thunderbolt 4	✓
Processor cache	24 MB	Thunderbolt 4 ports quantity	2
Processor cache type	Smart Cache	HDMI ports quantity *	2
Number of processors supported	1	HDMI version	2.1
Processor base power	28 W	Ethernet LAN (RJ-45) ports	2
Maximum turbo power	115 W	Combo headphone/mic port	✓
Neural processor unit (NPU)		Microphone in	✗
Neural processor unit (NPU)	Intel AI Boost	DVI port	✗
Sparsity support	✓	DC-in jack	✓
Windows Studio effects support	✓	Expansion slots	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Number of M.2 (M) slots	2
Memory		Power	
Internal memory *	32 GB	Power supply *	120 W
Maximum internal memory *	64 GB	Design	
Internal memory type	DDR5-SDRAM	Chassis type *	Mini PC
Memory layout (slots x size)	2 x 16 GB	Panel mounting interface	100 x 100 mm
Memory slots	2x SO-DIMM	VESA mounting	✓
Memory clock speed	5600 MHz		
Supported memory types	DDR5-SDRAM		

Storage		Design	
Total storage capacity *	1 TB	Cable lock slot	✓
Storage media *	SSD	Cable lock slot type	Kensington
Optical drive type *	✗	Product colour *	Black
Total SSDs capacity	1 TB	Cooling type	Active
Number of SSDs installed	1	Housing material	Plastic
SSD capacity	1 TB	Software	
SSD interface	PCI Express 4.0	Operating system installed *	Windows 11 Pro
NVMe	✓	Display	
SSD form factor	M.2	Display included *	✗
M.2 SSD size	2280 (22 x 80 mm)	Number of displays supported	4
Graphics		Operational conditions	
Discrete graphics card *	✗	Operating temperature (T-T)	0 - 35 °C
On-board graphics card *	✓	Storage temperature (T-T)	-20 - 60 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	0 - 85%
On-board GPU manufacturer	Intel	Storage relative humidity (H-H)	0 - 90%
On-board graphics card family	Intel Arc Graphics	Weight & dimensions	
On-board graphics card model *	Intel Arc Graphics	Width *	119.6 mm
Graphics card family	Intel	Depth *	115.2 mm
Performance		Height *	37.5 mm
Motherboard chipset	Intel SoC	Weight *	630 g
Motherboard form factor	NUC	Packaging data	
Trusted Platform Module (TPM)	✓	Package width	205 mm
		Package depth	220 mm
		Package height	94 mm
		Package weight	1.45 kg
		Packaging content	
		Mouse included	✗
		Keyboard included	✗
		AC adapter included	✓
		Power cord included	✓
		Other features	
		Warranty period	3 year(s)



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