

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 1UMG-010US

- 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

Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel® Core™ Ultra (Series 1)
Processor model *	155H
Processor cores	16
Processor threads	22
Processor boost frequency	4.8 GHz
Performance cores	6
Efficient cores	8
Low Power Efficient-cores	2
Performance-core Max Turbo Frequency	4.8 GHz
Efficient-core Max Turbo Frequency	3.8 GHz
Low Power Efficient-core Max Turbo Frequency	2.5 GHz
Performance-core base frequency	1.4 GHz
Efficient-core base frequency	0.9 GHz
Low Power Efficient-core Base Frequency	700 MHz
Processor cache	24 MB
Processor cache type	Smart Cache
Number of processors supported	1
Processor base power	28 W
Maximum turbo power	115 W

Neural processor unit (NPU)

Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✓
Windows Studio effects support	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML

Memory

Internal memory *	32 GB
Maximum internal memory *	64 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	2 x 16 GB
Memory slots	2x SO-DIMM
Memory clock speed	5600 MHz
Supported memory types	DDR5-SDRAM

Network

Wi-Fi standards	Wi-Fi 6E (802.11ax)
WLAN controller model	Intel Wi-Fi 6E AX211
Bluetooth	✓
Bluetooth version	5.3

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Intel® Thunderbolt 4	✓
Thunderbolt 4 ports quantity	2
DVI port	✗
HDMI ports quantity *	2
HDMI version	2.1
Ethernet LAN (RJ-45) ports	2
Microphone in	✗
Combo headphone/mic port	✓
DC-in jack	✓

Design

Chassis type *	Mini PC
VESA mounting	✓
Cable lock slot	✓
Cable lock slot type	Kensington
Product colour *	Black
Housing material	Plastic

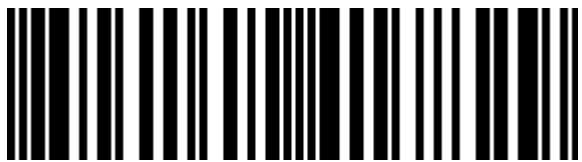
Performance

Motherboard chipset	Intel SoC
Motherboard form factor	NUC
Built-in speaker(s)	✗
Trusted Platform Module (TPM)	✓
Product type *	Mini PC
Trusted Platform Module (TPM) version	2.0

Software

Operating system installed *	Windows 11 Pro
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Storage		Power	
Total storage capacity *	1 TB	Power supply *	120 W
Optical drive type *		Operational conditions	
Storage media *	SSD	Operating temperature (T-T)	0 - 35 °C
Optical drive type *	✗	Storage temperature (T-T)	-20 - 60 °C
Total SSDs capacity	1 TB	Operating relative humidity (H-H)	0 - 85%
Number of SSDs installed	1	Storage relative humidity (H-H)	0 - 90%
SSD capacity	1 TB	Weight & dimensions	
SSD interface	PCI Express 4.0	Width *	119.6 mm
NVMe	✓	Depth *	115.2 mm
SSD form factor	M.2	Height *	37.5 mm
M.2 SSD size	2280 (22 x 80 mm)	Weight *	630 g
Graphics		Package width	205 mm
Discrete graphics card *	✗	Package depth	220 mm
On-board graphics card *	✓	Package height	94 mm
Discrete graphics card model *	Not available	Package weight	1.45 kg
On-board GPU manufacturer	Intel	Packaging content	
On-board graphics card family	Intel Arc Graphics	Mouse included	✗
On-board graphics card model *	Intel Arc Graphics	Keyboard included	✗
Network		AC adapter included	✓
Ethernet LAN *	✓	Power cord included	✓
LAN controller	Intel I226-V	Display	
Wi-Fi *	✓	Display included *	✗
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Other features	
		Panel mounting interface	100 x 100 mm
		Graphics card family	Intel
		Cooling type	Active
		Number of displays supported	4
		Number of M.2 (M) slots	2
		Warranty period	3 year(s)



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Catalog Object Cloud



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