



**MSI Cubi NUC 1MG-002EU Intel Core 5 120U 8 GB DDR5-SDRAM
512 GB SSD Windows 11 Pro Mini PC Black**

Brand : MSI

Product family: Cubi

Product code: CUBI NUC
1MG-002EU

Product name : Cubi NUC
1MG-002EU

- Windows 11 Pro
- Intel Core 5 120U (12MB Cache)
- 8GB (5600MHz) DDR5-SDRAM (1 x 8) & 512GB SSD
Intel Core 5 120U (12MB Cache), 8GB DDR5-SDRAM, 512GB SSD, Intel Graphics, LAN, WLAN, Bluetooth,
Windows 11 Pro
MSI Cubi NUC 1MG-002EU. Processor family: Intel Core 5, Processor model: 120U. Internal memory: 8
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 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		Ports & interfaces	
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
Processor family *	Intel Core 5	Thunderbolt 4 ports quantity	2
Processor generation	Intel Core (Series 1)	DVI port	✗
Processor model *	120U	HDMI ports quantity *	2
Processor cores	10	HDMI version	1.4b/2.1
Processor threads	12	Ethernet LAN (RJ-45) ports	2
Processor boost frequency	5 GHz	Microphone in	✗
Performance cores	2	Combo headphone/mic port	✓
Efficient cores	8	DC-in jack	✓
Performance-core Max Turbo Frequency	5 GHz	Design	
Efficient-core Max Turbo Frequency	3.8 GHz	Chassis type *	Mini PC
Performance-core base frequency	1.4 GHz	VESA mounting	✓
Efficient-core base frequency	0.9 GHz	Cable lock slot	✓
Processor cache	12 MB	Cable lock slot type	Kensington
Processor cache type	Smart Cache	Product colour *	Black
Number of processors supported	1	Housing material	Plastic
Processor base power	15 W	Performance	
Maximum turbo power	55 W	Motherboard chipset	Intel SoC
Memory		Motherboard form factor	NUC
Internal memory *	8 GB	Built-in speaker(s)	✗
Maximum internal memory *	64 GB	Trusted Platform Module (TPM)	✓
Internal memory type	DDR5-SDRAM	Trusted Platform Module (TPM) version	2.0
Memory layout (slots x size)	1 x 8 GB	Product type *	Mini PC
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 *	120 W
Total storage capacity *	512 GB	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	512 GB	Operating relative humidity (H-H)	0 - 85%
Number of SSDs installed	1	Storage relative humidity (H-H)	0 - 90%
SSD capacity	512 GB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
Card reader integrated	✓		

Storage		Certificates	
Compatible memory cards	MicroSD (TransFlash)	Certification	FCC(Class B), CB/CE, UL(CUL), BSMI, VCCI, RCM(C-Tick)
Graphics		Weight & dimensions	
Discrete graphics card *	✗	Width *	132.5 mm
On-board graphics card *	✓	Depth *	135.6 mm
Discrete graphics card model *	Not available	Height *	50.1 mm
On-board GPU manufacturer	Intel	Weight *	630 g
On-board graphics card family	Intel Graphics	Package width	205 mm
On-board graphics card model *	Intel Graphics	Package depth	220 mm
Network		Package height	94 mm
Ethernet LAN *	✓	Package weight	1.38 kg
LAN controller	Intel I226-V	Packaging content	
Wi-Fi *	✓	Mouse included	✗
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Keyboard included	✗
Wi-Fi standards	Wi-Fi 6E (802.11ax)	AC adapter included	✓
WLAN controller model	Intel Wi-Fi 6E AX211	Power cord included	✓
Bluetooth	✓	Display	
Bluetooth version	5.3	Display included *	✗
Ports & interfaces		Other features	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Power supply type	External AC adapter
		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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