



**MSI Cubi NUC 1MG-024XDE Intel Core 3 100U 8 GB DDR5-SDRAM
256 GB SSD Mini PC Black**

Brand : MSI

Product family: Cubi

Product code: CUBI NUC
1MG-024XDE

Product name : Cubi NUC
1MG-024XDE

- Windows 11 Pro
- Intel Core 7 150U (12MB Cache)
- 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 1000GB SSD
Intel Core 7 150U (12MB Cache), 16GB DDR5-SDRAM, 1000GB SSD, Intel Graphics, LAN, WLAN,
Bluetooth, Windows 11 Pro
MSI Cubi NUC 1MG-024XDE. Processor family: Intel Core 3, Processor model: 100U. Internal memory: 8
GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 5600 MHz. Total storage capacity: 256
GB, Storage media: SSD, Card reader integrated. On-board graphics card model: Intel® Graphics. Wi-Fi.
Power supply: 120 W. Chassis type: Mini PC. Product type: Mini PC. Weight: 630 g. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Processor family *	Intel Core 3	Intel® Thunderbolt 4	✓
Processor generation	Intel Core (Series 1)	Thunderbolt 4 ports quantity	2
Processor model *	100U	DVI port	✗
Processor cores	6	HDMI ports quantity *	2
Processor threads	8	HDMI version	1.4b/2.1
Processor boost frequency	4.7 GHz	Ethernet LAN (RJ-45) ports	2
Performance cores	2	Microphone in	✗
Efficient cores	4	Headphone outputs	1
Performance-core Max Turbo Frequency	4.7 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	3.3 GHz	DC-in jack	✓
Performance-core base frequency	1.2 GHz	Design	
Efficient-core base frequency	0.9 GHz	Chassis type *	Mini PC
Processor cache	10 MB	Panel mounting interface	100 x 100 mm
Processor cache type	Smart Cache	VESA mounting	✓
Number of processors supported	1	Cable lock slot	✓
Processor base power	15 W	Cable lock slot type	Kensington
Maximum turbo power	55 W	Product colour *	Black
Memory		Cooling type	Active
Internal memory *	8 GB	Housing material	Plastic
Maximum internal memory *	64 GB	Performance	
Internal memory type	DDR5-SDRAM	Motherboard chipset	Intel SoC
Memory slots	2x SO-DIMM	Motherboard form factor	NUC
Memory clock speed	5600 MHz	Built-in speaker(s)	✗
Supported memory types	DDR5-SDRAM	Trusted Platform Module (TPM)	✓
Storage		Product type *	Mini PC
Total storage capacity *	256 GB		

Storage		Performance	
Storage media *	SSD	Trusted Platform Module (TPM) version	2.0
Number of storage drives supported	3	Software	
Total SSDs capacity	256 GB	Operating system installed *	✗
Number of SSDs installed	1	Power	
SSD capacity	256 GB	Power supply type	External AC adapter
SSD interface	PCI Express 4.0	Power supply *	120 W
NVMe	✓	Operational conditions	
SSD form factor	M.2	Operating temperature (T-T)	0 - 35 °C
Card reader integrated	✓	Storage temperature (T-T)	-20 - 60 °C
Compatible memory cards	MicroSD (TransFlash)	Operating relative humidity (H-H)	0 - 85%
Graphics		Storage relative humidity (H-H)	0 - 90%
Discrete graphics card *	✗	Certificates	
On-board graphics card *	✓	Certification	FCC(Class B), CB/CE, UL(CUL), BSMI, VCCI, RCM(C-Tick)
Discrete graphics card model *	Not available	Weight & dimensions	
On-board GPU manufacturer	Intel	Width *	132.5 mm
On-board graphics card family	Intel® Graphics	Depth *	135.6 mm
On-board graphics card model *	Intel® Graphics	Height *	50.1 mm
Graphics card family	Intel	Weight *	630 g
Network		Packaging data	
Ethernet LAN *	✓	Package width	205 mm
LAN controller	Intel I226-V	Package depth	220 mm
Wi-Fi *	✓	Package height	94 mm
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Package weight	1.38 kg
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Packaging content	
WLAN controller model	Intel Wi-Fi 6E AX211	Mouse included	✗
Bluetooth	✓	Keyboard included	✗
Bluetooth version	5.3	AC adapter included	✓
		Power cord included	✓
		Display	
		Display included *	✗
		Other features	
		Number of displays supported	4
		Number of M.2 (M) slots	2



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