



MSI Cubi NUC 1M Intel Core 5 120U (14th Gen) Barebone, NUC, SFF, Mini Computer, HTPC, (NO RAM, NO Storage, NO OS), IRIS XE Graphics/DDR5/Dual ThunderBolt 4/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3/VESA



Brand : MSI

Product family: Cubi

Product code: CUBI NUC 1M I5 120U BB

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Chassis type: 0.84L sized PC, Product type: Mini PC barebone. Motherboard chipset: Intel SoC. Supported memory types: DDR5-SDRAM, Number of memory slots: 2, Maximum internal memory: 64 GB. Supported storage drive types: HDD & SSD, Storage drive interface: M.2, Serial ATA, Serial ATA II, Serial ATA III. Ethernet LAN (RJ-45) ports: 2. Wi-Fi standards: Wi-Fi 6E (802.11ax), Bluetooth version: 5.3. Cooling type: Active. Power supply: 120 W

Processor		Ports & interfaces	
Processor manufacturer	Intel	Ethernet LAN (RJ-45) ports *	2
Processor family	Intel Core 5	S/PDIF out port	✗
Processor generation	Intel Core (Series 1)	CardBus PCMCIA slot type	✗
Processor model	120U	Consumer infrared headers	✗
Processor cores	10	Serial port via internal header	✗
Processor threads	12	USB charging	✗
Performance cores	2	TV-out	✗
Efficient cores	8	Thunderbolt 4 ports quantity	2
Performance-core Max Turbo Frequency	5 GHz	DC-in jack	✓
Efficient-core Max Turbo Frequency	3.8 GHz	Expansion slots	
Performance-core base frequency	1.4 GHz	Number of M.2 (M) slots	2
Efficient-core base frequency	0.9 GHz	Design	
Built-in processor *	✓	Chassis type *	0.84L sized PC
Processor cache	12 MB	Product colour *	Black
Memory		Cooling type *	Active
Memory slots type *	SO-DIMM	On/off switch	✓
Number of memory slots *	2	LED indicators	System
Maximum internal memory	64 GB	Housing material	Plastic
Supported memory clock speeds	5200 MHz	Cable lock slot	✓
Supported memory types	DDR5-SDRAM	Cable lock slot type	Kensington
Storage		VESA mounting	✓
Supported storage drive types *	HDD & SSD	Panel mounting interface	75 x 75,100 x 100 mm
Storage drive sizes supported *	2.5,M.2	Product type *	Mini PC barebone
SSD form factor	M.2	Performance	
Storage drive interface	M.2, Serial ATA, Serial ATA II, Serial ATA III	Motherboard form factor	NUC
NVMe	✓	Motherboard chipset	Intel SoC
Number of storage drives supported	3	Number of processors supported	1
		Trusted Platform Module (TPM)	✓

Storage		Performance	
Card reader integrated	✓	Trusted Platform Module (TPM) version	2.0
Compatible memory cards	MicroSD (TransFlash)		
Graphics		Software	
On-board graphics card *	✓	Windows operating systems supported	Windows 11, Windows 11 Enterprise, Windows 11 Home, Windows 11 Pro
Graphics card family	Intel	Operating system installed	✗
On-board graphics card model	Intel Iris Xe Graphics		
Number of displays supported	4		
Audio		Power	
Built-in speaker(s) *	✗	Power supply type *	External AC adapter
		Power supply	120 W
		Number of power supply units	1
		AC input voltage	100 - 240 V
		AC input frequency	50/60 Hz
Network		Weight & dimensions	
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Width	132.5 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Depth	135.6 mm
WLAN controller model	Intel Wi-Fi 6E AX211	Height	50.1 mm
Ethernet LAN *	✓	Weight	0.625 g
Copper ethernet cabling technology	2.5GBASE-T	Package width	205 mm
Wi-Fi *	✓	Package depth	220 mm
LAN controller	Intel I226-V	Package height	94 mm
Bluetooth	✓	Package weight	1.45 g
Bluetooth version	5.3		
Near Field Communication (NFC)	✗	Packaging content	
Ports & interfaces		Power cord included	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	AC adapter included	✓
HDMI ports quantity *	2	Quick start guide	✓
HDMI version	1.4b/2.1	Drivers included	✓
DVI port	✗	Display included	✗
Microphone in	✗	Mouse included	✗
Combo headphone/mic port	✓	Keyboard included	✗
		Other features	
		Country of origin	China
		Introduction month	July
		Introduction year	2024
		Warranty period	3 year(s)



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