



MSI Cubi NUC 1M Intel Core 5 120U Desktop PC, NUC, SFF, Mini Computer, HTPC, (16GB RAM, 512GB Storage, Windows 11 PRO), Intel 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 FS 16GB 512GB W11P

Product name : MSI Cubi NUC 1M Intel Core 5 120U Desktop PC, NUC, SFF, Mini Computer, HTPC, (16GB RAM, 512GB Storage, Windows 11 PRO), Intel Graphics/DDR5/Dual ThunderBolt 4/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3/VESA

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MSI Cubi NUC 1M Intel Core 5 120U Desktop PC, NUC, SFF, Mini Computer, HTPC, (16GB RAM, 512GB Storage, Windows 11 PRO), Intel Graphics/DDR5/Dual ThunderBolt 4/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3/VESA. Processor family: Intel Core 5, Processor model: 120U. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 5200 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: 625 g. Product colour: Black

Processor		Ports & interfaces	
Processor manufacturer *	Intel	Thunderbolt 4 ports quantity	2
Processor family *	Intel Core 5	DVI port	✗
Processor generation	Intel Core (Series 1)	HDMI ports quantity *	2
Processor model *	120U	HDMI version	1.4/2.1
Processor cores	10	Ethernet LAN (RJ-45) ports	2
Performance cores	2	Microphone in	✗
Efficient cores	8	Headphone outputs	1
Performance-core Max Turbo Frequency	5 GHz	Line-out	✗
Efficient-core Max Turbo Frequency	3.8 GHz	Line-in	✗
Performance-core base frequency	1.4 GHz	Combo headphone/mic port	✓
Efficient-core base frequency	0.9 GHz	S/PDIF out port	✗
Processor cache	12 MB	DC-in jack	✓
Number of processors installed	1	Number of rear USB ports	4
Processor base power	15 W	Number of front USB ports	2
Maximum turbo power	55 W	Number of front audio ports	1
Memory		Fiber NIC port (Flex I/O)	✗
Internal memory *	16 GB	Design	
Maximum internal memory *	64 GB	Chassis type *	Mini PC
Internal memory type	DDR5-SDRAM	Colour name	Black
Memory layout (slots x size)	2 x 8 GB	Volume	0.84 L
Memory slots	2x SO-DIMM	Placement supported	Horizontal
Memory clock speed	5200 MHz	VESA mounting	✓
Storage		Cable lock slot	✓
Total storage capacity *	512 GB	Cable lock slot type	Kensington
Storage media *	SSD	Product colour *	Black
Optical drive type *	✗	Housing material	Plastic
Number of storage drives installed	1	Viewing window	✗
Number of storage drives supported	3	RGB memory lighting	✗
HDD size	2.5"	Introduction year	2024
Total SSDs capacity	512 GB	Introduction month	July

Storage		Design	
Number of SSDs installed	1	Country of origin	China
SSD capacity	512 GB	Performance	
SSD interface	M.2	Market positioning	Business
NVMe	✓	Powered by	MSI
SSD form factor	M.2	Motherboard chipset	Intel SoC
M.2 SSD size	2280 (22 x 80 mm)	Motherboard form factor	NUC
Card reader integrated	✓	Trusted Platform Module (TPM)	✓
Compatible memory cards	MicroSD (TransFlash)	Product type *	Mini PC
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete graphics card *	✗	Software	
On-board graphics card *	✓	Operating system installed *	Windows 11 Pro
Discrete graphics card model *	Not available	Power	
On-board GPU manufacturer	Intel	Power supply *	120 W
On-board graphics card family	Intel Graphics	Power supply input voltage	100-240 V
On-board graphics card model *	Intel Graphics	Power supply input frequency	50-60 Hz
Network		Sustainability	
Ethernet LAN *	✓	Sustainability certificates	ENERGY STAR, Forest Stewardship Council (FSC), Post-Consumer Recycled Plastic
LAN controller	Intel I226-V	Weight & dimensions	
Wi-Fi *	✓	Width *	132.5 mm
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Depth *	135.6 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Height *	50.1 mm
WLAN controller manufacturer	Intel	Weight *	625 g
WLAN controller model	Intel Wi-Fi 6E AX211	Package width	205 mm
Bluetooth	✓	Package depth	220 mm
Bluetooth version	5.3	Package height	94 mm
Wake-on-LAN ready	✓	Package weight	1.45 kg
Ports & interfaces		Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Mouse included	✗
PowerShare	✗	Keyboard included	✗
USB Type-C DisplayPort Alternate Mode	✓	Cables included	AC, Power
Intel® Thunderbolt 4	✓	VESA mount included	✓
		Screws included	✓
		Display	
		Display included *	✗
		Other features	
		TV tuner integrated	✗
		Built-in microphone	✗
		Locale	English
		Warranty period	3 year(s)



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