



MSI Cubi NUC 1M Intel Core 5 120U Desktop PC, NUC, SFF, Mini Computer, HTPC, (8GB RAM, 512GB Storage, Windows 11 PRO), Intel Graphics/DDR5/Dual ThunderBolt 4/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3/VESA



8GB RAM, 512GB SSD



Brand : MSI

Product family: Cubi

Product code: CUBI NUC 1M I5
120U FS 8GB 512GB W11P

Product name : MSI Cubi NUC

1M Intel Core 5 120U Desktop
PC, NUC, SFF, Mini Computer,
HTPC, (8GB RAM, 512GB
Storage, Windows 11 PRO), Intel
Graphics/DDR5/Dual
ThunderBolt 4/Dual HDMI/Dual
LAN/WiFi 6E/BT 5.3/VESA

MSI Cubi NUC 1M Intel Core 5 120U Desktop PC, NUC, SFF, Mini Computer, HTPC, (8GB RAM, 512GB Storage, Windows 11 PRO), Intel Graphics/DDR5/Dual ThunderBolt 4/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3/VESA

MSI Cubi NUC 1M Intel Core 5 120U Desktop PC, NUC, SFF, Mini Computer, HTPC, (8GB 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: 8 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		Network	
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel Core 5	Bluetooth version	5.3
Processor generation	Intel Core (Series 1)	Wake-on-LAN ready	✓
Processor model *	120U	Ports & interfaces	
Processor cores	10	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Processor threads	12	PowerShare	✗
Performance cores	2	USB Type-C DisplayPort Alternate Mode	✓
Efficient cores	8	Intel® Thunderbolt 4	✓
Performance-core Max Turbo Frequency	5 GHz	Thunderbolt 4 ports quantity	2
Efficient-core Max Turbo Frequency	3.8 GHz	HDMI ports quantity *	2
Performance-core base frequency	1.4 GHz	HDMI version	1.4/2.1
Efficient-core base frequency	0.9 GHz	Ethernet LAN (RJ-45) ports	2
Processor cache	12 MB	Combo headphone/mic port	✓
Number of processors installed	1	Headphone outputs	1
Processor base power	15 W	Line-out	✗
Maximum turbo power	55 W	Line-in	✗
Memory		Microphone in	✗
Internal memory *	8 GB	DVI port	✗
Maximum internal memory *	64 GB	S/PDIF out port	✗
Internal memory type	DDR5-SDRAM	DC-in jack	✓
Memory layout (slots x size)	1 x 8 GB	Number of rear USB ports	4
Memory slots	2x SO-DIMM	Number of front USB ports	2
Memory clock speed	5200 MHz	Number of front audio ports	1
Storage		Fiber NIC port (Flex I/O)	✗
Total storage capacity *	512 GB		
Storage media *	SSD		
Optical drive type *	✗		

Storage		Power	
Number of storage drives installed	1	Power supply *	120 W
Number of storage drives supported	3	Power supply input voltage	100-240 V
HDD size	2.5"	Power supply input frequency	50-60 Hz
Total SSDs capacity	512 GB	Design	
Number of SSDs installed	1	Chassis type *	Mini PC
SSD capacity	512 GB	Colour name	Black
SSD interface	M.2	Volume	0.84 L
NVMe	✓	Placement supported	Horizontal
SSD form factor	M.2	VESA mounting	✓
M.2 SSD size	2280 (22 x 80 mm)	Cable lock slot	✓
Card reader integrated	✓	Cable lock slot type	Kensington
Compatible memory cards	MicroSD (TransFlash)	Product colour *	Black
Graphics		Housing material	Plastic
Discrete graphics card *	✗	Viewing window	✗
On-board graphics card *	✓	RGB memory lighting	✗
Discrete graphics card model *	Not available	Introduction year	2024
On-board GPU manufacturer	Intel	Introduction month	July
On-board graphics card family	Intel® Graphics	Country of origin	China
On-board graphics card model *	Intel® Graphics	Software	
Performance		Operating system installed *	Windows 11 Pro
Market positioning	Business	Display	
Powered by	MSI	Display included *	✗
Motherboard chipset	Intel SoC	Audio	
Motherboard form factor	NUC	Built-in microphone	✗
Trusted Platform Module (TPM)	✓	Weight & dimensions	
Product type *	Mini PC	Width *	132.5 mm
Trusted Platform Module (TPM) version	2.0	Depth *	135.6 mm
Network		Height *	50.1 mm
Ethernet LAN *	✓	Weight *	625 g
LAN controller	Intel I226-V	Packaging data	
Wi-Fi *	✓	Package width	205 mm
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Package depth	220 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Package height	94 mm
WLAN controller manufacturer	Intel	Package weight	1.45 kg
WLAN controller model	Intel Wi-Fi 6E AX211	Packaging content	
		Mouse included	✗
		Keyboard included	✗
		Cables included	AC, Power
		VESA mount included	✓
		Screws included	✓
		Sustainability	
		Sustainability certificates	ENERGY STAR, Forest Stewardship Council (FSC), Post-Consumer Recycled Plastic
		Other features	
		TV tuner integrated	✗
		Locale	English
		Warranty period	3 year(s)



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