



# MSI Cubi NUC 1M Intel Core 5 120U Desktop PC, NUC, SFF, Mini Computer, HTPC, (8GB RAM, 512GB Storage, Windows 11 PRO), IRIS XE 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), IRIS XE 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), IRIS XE 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), IRIS XE 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 Iris Xe Graphics. Operating system installed: Windows 11 Pro. Power supply: 120 W. Chassis type: Mini PC. Product type: Mini PC. Weight: 0.625 g. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel Core 5	Thunderbolt 4 ports quantity	2
Processor generation	Intel Core (Series 1)	Intel® Thunderbolt 4	✓
Processor model *	120U	DVI port	✗
Processor cores	10	HDMI ports quantity *	2
Processor threads	12	HDMI version	1.4/2.1
Performance cores	2	Ethernet LAN (RJ-45) ports	2
Efficient cores	8	Microphone in	✗
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
		Fiber NIC port (Flex I/O)	✗
Memory		Design	
Internal memory *	8 GB	Chassis type *	Mini PC
Maximum internal memory *	64 GB	Colour name	Black
Internal memory type	DDR5-SDRAM	Volume	0.84 L
Memory layout (slots x size)	1 x 8 GB	Placement supported	Horizontal
Memory slots	2x SO-DIMM	VESA mounting	✓
Memory clock speed	5200 MHz	Cable lock slot	✓
Storage		Cable lock slot type	Kensington
Total storage capacity *	512 GB	Product colour *	Black
Storage media *	SSD	Housing material	Plastic
Optical drive type *	✗	Viewing window	✗

<b>Storage</b>		<b>Design</b>	
Number of storage drives installed	1	RGB memory lighting	✘
Number of storage drives supported	3	Introduction year	2024
HDD size	2.5"	Introduction month	July
Number of SSDs installed	1	Country of origin	China
SSD capacity	512 GB	<b>Performance</b>	
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)	Trusted Platform Module (TPM) version	2.0
<b>Graphics</b>		Product type *	Mini PC
Discrete graphics card *	✘	<b>Software</b>	
On-board graphics card *	✓	Operating system installed *	Windows 11 Pro
Discrete graphics card model *	Not available	<b>Power</b>	
On-board GPU manufacturer	Intel	Power supply *	120 W
On-board graphics card family	Intel Iris Xe Graphics	Power supply input voltage	100-240 V
On-board graphics card model *	Intel Iris Xe Graphics	Power supply input frequency	50-60 Hz
<b>Network</b>		<b>Weight &amp; dimensions</b>	
Ethernet LAN *	✓	Width *	132.5 mm
LAN controller	Intel I226-V	Depth *	135.6 mm
Wi-Fi *	✓	Height *	50.1 mm
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Weight *	0.625 g
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Package width	205 mm
WLAN controller manufacturer	Intel	Package depth	220 mm
WLAN controller model	Intel Wi-Fi 6E AX211	Package height	94 mm
Bluetooth	✓	Package weight	1.45 g
Bluetooth version	5.3	<b>Packaging content</b>	
Wake-on-LAN ready	✓	Display included *	✘
<b>Ports &amp; interfaces</b>		Mouse included	✘
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Keyboard included	✘
PowerShare	✘	Cables included	AC, Power
		VESA mount included	✓
		Screws included	✓
		<b>Other features</b>	
		TV tuner integrated	✘
		Built-in microphone	✘
		Locale	English
		Warranty period	3 year(s)



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