msi

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 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

Processor manufacturer *	Intel
Processor family *	Intel Core 5
Processor generation	Intel Core (Series 1)
Processor model *	120U
Processor cores	10
Performance cores	2
Efficient cores	8
Performance-core Max Turbo Frequency	5 GHz
Efficient-core Max Turbo Frequency	3.8 GHz
Performance-core base frequency	1.4 GHz
Efficient-core base frequency	0.9 GHz
Processor cache	12 MB
Number of processors installed	1
Processor base power	15 W
Maximum turbo power	55 W

Memory

Internal memory *	16 GB
Maximum internal memory *	64 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	2 x 8 GB
Memory slots	2x SO-DIMM
Memory clock speed	5200 MHz

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Optical drive type *	✗
Number of storage drives installed	1
Number of storage drives supported	3
HDD size	2.5"
Total SSDs capacity	512 GB

Ports & interfaces

Thunderbolt 4 ports quantity	2
DVI port	✗
HDMI ports quantity *	2
HDMI version	1.4/2.1
Ethernet LAN (RJ-45) ports	2
Microphone in	✗
Headphone outputs	1
Line-out	✗
Line-in	✗
Combo headphone/mic port	✔
S/PDIF out port	✗
DC-in jack	✔
Number of rear USB ports	4
Number of front USB ports	2
Number of front audio ports	1
Fiber NIC port (Flex I/O)	✗

Design

Chassis type *	Mini PC
Colour name	Black
Volume	0.84 L
Placement supported	Horizontal
VESA mounting	✔
Cable lock slot	✔
Cable lock slot type	Kensington
Product colour *	Black
Housing material	Plastic
Viewing window	✗
RGB memory lighting	✗
Introduction year	2024
Introduction month	July

Storage

Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	M.2
NVMe	✔
SSD form factor	M.2
M.2 SSD size	2280 (22 x 80 mm)
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Graphics

Discrete graphics card *	✘
On-board graphics card *	✔
Discrete graphics card model *	Not available
On-board GPU manufacturer	Intel
On-board graphics card family	Intel Graphics
On-board graphics card model *	Intel Graphics

Network

Ethernet LAN *	✔
LAN controller	Intel I226-V
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 6E AX211
Bluetooth	✔
Bluetooth version	5.3
Wake-on-LAN ready	✔

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
PowerShare	✘
USB Type-C DisplayPort Alternate Mode	✔
Intel® Thunderbolt 4	✔

Design

Country of origin	China

Performance

Market positioning	Business
Powered by	MSI
Motherboard chipset	Intel SoC
Motherboard form factor	NUC
Trusted Platform Module (TPM)	✔
Product type *	Mini PC
Trusted Platform Module (TPM) version	2.0

Software

Operating system installed *	Windows 11 Pro

Power

Power supply *	120 W
Power supply input voltage	100-240 V
Power supply input frequency	50-60 Hz

Sustainability

Sustainability certificates	ENERGY STAR, Forest Stewardship Council (FSC), Post-Consumer Recycled Plastic

Weight & dimensions

Width *	132.5 mm
Depth *	135.6 mm
Height *	50.1 mm
Weight *	625 g
Package width	205 mm
Package depth	220 mm
Package height	94 mm
Package weight	1.45 kg

Packaging content

Mouse included	✘
Keyboard included	✘
Cables included	AC, Power
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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