



MSI Cubi 5 1M-496EU Intel Core 5 120U 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Mini PC Black

Brand : MSI

Product family: Cubi

Product code: CUBI 5
1M-496EU

Product name : Cubi 5
1M-496EU

- Windows 11 Pro
- Intel Core 5 120U (12MB Cache)
- 16GB (5200MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
Intel Core 5 120U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel Graphics, LAN, WLAN, Bluetooth, Windows 11 Pro
MSI Cubi 5 1M-496EU. 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. On-board graphics card model: Intel® Graphics. Wi-Fi. Operating system installed: Windows 11 Pro. Power supply: 120 W. Chassis type: Mini PC. Product type: Mini PC. Weight: 590 g. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor family *	Intel Core 5	Intel® Thunderbolt 4	✓
Processor generation	Intel Core (Series 1)	Thunderbolt 4 ports quantity	2
Processor model *	120U	DVI port	✗
Processor cores	10	HDMI ports quantity *	1
Processor threads	12	HDMI version	2.1
Processor boost frequency	5 GHz	DisplayPorts quantity	1
Performance cores	2	DisplayPort version	1.4
Efficient cores	8	Ethernet LAN (RJ-45) ports	2
Performance-core Max Turbo Frequency	5 GHz	Microphone in	✗
Efficient-core Max Turbo Frequency	3.8 GHz	Combo headphone/mic port	✓
Performance-core base frequency	1.4 GHz	DC-in jack	✓
Efficient-core base frequency	0.9 GHz		
Processor cache	12 MB		
Processor cache type	Smart Cache		
Number of processors supported	1		
Processor base power	15 W		
Maximum turbo power	55 W		
Memory		Design	
Internal memory *	16 GB	Chassis type *	Mini PC
Maximum internal memory *	64 GB	Panel mounting interface	100 x 100 mm
Internal memory type	DDR5-SDRAM	VESA mounting	✓
Memory layout (slots x size)	2 x 8 GB	Cable lock slot	✓
Memory slots	2x SO-DIMM	Cable lock slot type	Kensington
Memory clock speed	5200 MHz	Product colour *	Black
Memory channels	Dual-channel	Housing material	Plastic
Supported memory types	DDR5-SDRAM		
		Performance	
		Motherboard chipset	Intel SoC
		Motherboard form factor	NUC
		Built-in speaker(s)	✗
		Trusted Platform Module (TPM)	✓
		Product type *	Mini PC

Storage		Performance	
Total storage capacity *	512 GB	Trusted Platform Module (TPM) version	2.0
Storage media *	SSD	Software	
Optical drive type *	✗	Operating system installed *	Windows 11 Pro
Total SSDs capacity	512 GB	Power	
Number of SSDs installed	1	Power supply *	120 W
SSD capacity	512 GB	Operational conditions	
SSD interface	PCI Express 4.0	Operating temperature (T-T)	0 - 35 °C
NVMe	✓	Storage temperature (T-T)	-20 - 60 °C
SSD form factor	M.2	Operating relative humidity (H-H)	0 - 85%
M.2 SSD size	2280 (22 x 80 mm)	Storage relative humidity (H-H)	0 - 90%
Card reader integrated	✗	Weight & dimensions	
Graphics		Width *	124 mm
Discrete graphics card *	✗	Depth *	124 mm
On-board graphics card *	✓	Height *	53.7 mm
Discrete graphics card model *	Not available	Weight *	590 g
On-board GPU manufacturer	Intel	Packaging data	
On-board graphics card family	Intel® Graphics	Package width	221 mm
On-board graphics card model *	Intel® Graphics	Package depth	506 mm
Network		Package height	469 mm
Ethernet LAN *	✓	Package weight	1.33 kg
LAN controller	Intel I226-V	Packaging content	
Wi-Fi *	✓	Mouse included	✗
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Keyboard included	✗
Wi-Fi standards	Wi-Fi 6E (802.11ax)	AC adapter included	✓
WLAN controller model	Intel Wi-Fi 6E AX211	Power cord included	✓
Bluetooth	✓	Display	
Bluetooth version	5.3	Display included *	✗
Ports & interfaces		Audio	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Audio chip	Realtek ALC256
		Other features	
		Graphics card family	Intel
		Cooling type	Active
		Number of displays supported	4
		Number of M.2 (M) slots	2
		Warranty period	3 year(s)



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