



**MSI Cubi 5 12M Intel Core i7-1255U Barebone, Mini-PC, SFF, ThunderBolt 4 Type-C, USB 3.2 Gen2, HDMI, DisplayPort, Dual LAN, WiFi, BT, VESA, Supports Max 64GB DDR4 SO-DIMM (2 Slots), M.2 (1 Slot), 2.5'SSD/HDD (1 Slot)**



**Brand :** MSI

**Product family:** Cubi

**Product code:** CUBI 5  
12M-001BEU

**Product name :** MSI Cubi 5  
12M Intel Core i7-1255U  
Barebone, Mini-PC, SFF,  
ThunderBolt 4 Type-C, USB 3.2  
Gen2, HDMI, DisplayPort, Dual  
LAN, WiFi, BT, VESA, Supports  
Max 64GB DDR4 SO-DIMM (2  
Slots), M.2 (1 Slot), 2.5'SSD/HDD  
(1 Slot)

- No OS

- Intel Core i7-1255U (12MB Cache)

Intel Core i7-1255U (12MB Cache), LAN, WLAN, Bluetooth, No OS

MSI Cubi 5 12M Intel Core i7-1255U Barebone, Mini-PC, SFF, ThunderBolt 4 Type-C, USB 3.2 Gen2, HDMI, DisplayPort, Dual LAN, WiFi, BT, VESA, Supports Max 64GB DDR4 SO-DIMM (2 Slots), M.2 (1 Slot), 2.5'SSD/HDD (1 Slot). Chassis type: 0.66L sized PC, Product type: Mini PC barebone. Motherboard chipset: Intel SoC. Number of memory slots: 2, Maximum internal memory: 64 GB. Supported storage drive types: SSD, Storage drive interface: M.2, Serial ATA III. Ethernet LAN (RJ-45) ports: 2. Wi-Fi standards: Wi-Fi 6E (802.11ax), Bluetooth version: 5.3. Cooling type: Active. Power supply: 65 W

Processor		Ports & interfaces	
Built-in processor *	✓	Thunderbolt 4 ports quantity	1
Processor manufacturer	Intel	DC-in jack	✓
Processor family	Intel® Core™ i7	Expansion slots	
Processor generation	12th gen Intel® Core™ i7	Number of M.2 (M) slots	1
Processor model	i7-1255U	Design	
Processor cores	10	Chassis type *	0.66L sized PC
Processor threads	12	Product colour *	Black
Processor lithography	14 nm	Cooling type *	Active
Performance cores	2	LED indicators	✓
Efficient cores	8	VESA mounting	✓
Performance-core boost frequency	4.7 GHz	Panel mounting interface	100 x 100 mm
Efficient-core boost frequency	3.5 GHz	Product type *	Mini PC barebone
Processor boost frequency	4.7 GHz	Performance	
Processor cache	12 MB	Motherboard form factor	NUC
Thermal Design Power (TDP)	15 W	Motherboard chipset	Intel SoC
Memory		Number of processors supported	1
Memory slots type *	SO-DIMM	Certificates	
Number of memory slots *	2	Certification	FCC, CB/CE, UL & CUL, VCCI, RCM
Maximum internal memory	64 GB	Software	
Storage		Operating system installed	✗
Supported storage drive types *	SSD	Power	
Storage drive sizes supported *	2.5,M.2	Power supply type *	External AC adapter
Storage drive interface	M.2, Serial ATA III	Power supply	65 W
Number of storage drives supported	2	Number of power supply units	1
Graphics		Operational conditions	
On-board graphics card *	✓	Operating temperature (T-T)	0 - 35 °C
Graphics card family	Intel	Storage temperature (T-T)	-20 - 60 °C
Audio		Operating relative humidity (H-H)	0 - 85%
Built-in speaker(s) *	✗	Storage relative humidity (H-H)	0 - 90%

Network		Weight & dimensions	
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Width	124 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Depth	124 mm
WLAN controller model	Intel Wi-Fi 6E AX211	Height	53.7 mm
Ethernet LAN *	✓	Weight	590 g
Wi-Fi *	✓	Package width	221 mm
LAN controller	Realtek RTL8111H, Realtek RTL8125-BG, Realtek RTL8125-CG	Package depth	506 mm
Bluetooth	✓	Package height	469 mm
Bluetooth version	5.3	Package weight	1.33 kg
Ports & interfaces		Packaging content	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	4	Power cord included	✓
HDMI ports quantity *	1	AC adapter included	✓
HDMI version	2.0b	Quick start guide	✓
DisplayPorts quantity	1	Drivers included	✓
DisplayPort version	1.4	Display included	✗
Combo headphone/mic port	✓	Mouse included	✗
Ethernet LAN (RJ-45) ports *	2	Keyboard included	✗
		Other features	
		Country of origin	China
		Warranty period	2 year(s)



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