



MSI Cubi 5 12M Intel Core i5-1235U 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)



- 1 Mic-in / Headphone-out
- 2 x USB 3.2 Gen 2 Type-A (10 Gbps)
- 3 Thunderbolt 4 (40 Gbps)
- 4 HDMI-out (2.0) + DP-out (1.4)
- 5 5G LAN (RJ45)
- 6 5G LAN (RJ45)
- 7 2 x USB 3.2 Gen 2 Type-A (10 Gbps)
- 8 DC-in



Brand : MSI

Product family: Cubi

Product code: CUBI 5 12M I5 1235U BB

Product name : MSI Cubi 5
12M Intel Core i5-1235U
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)

- Up to 12th Gen Intel® Core™ i7 Processors
 - Support up to 8K UHD Display
 - Support three displays that allow you to see more and do more
 - Thunderbolt 4 delivers the fastest, most versatile connection to any dock, display, or data device & NAS
 - Dual LAN: the best way to back up your file / secure data and prevent the hacker (with MSI exclusive BIOS)
 - Get all the performance benefits from USB 3.2 Gen 2 and enjoy the best data transmission experience
 - Experience 75% lower latency with WiFi 6E technology(optional)
 - FW TPM design secures your confidential data with encryption keys
 - Supports standard VESA-mount
- MSI Cubi 5 12M Intel Core i5-1235U 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)

Processor		Ports & interfaces	
Processor manufacturer	Intel	DisplayPort version	1.4
Processor family	Intel® Core™ i5	Combo headphone/mic port	✓
Processor generation	12th gen Intel® Core™ i5	Ethernet LAN (RJ-45) ports *	2
Processor model	i5-1235U	Thunderbolt 4 ports quantity	1
Processor cores	10	DC-in jack	✓
Processor threads	12	Expansion slots	
Processor boost frequency	4.4 GHz	Number of M.2 (M) slots	1
Processor frequency	4.4 GHz	Design	
Performance cores	2	Chassis type *	0.66L sized PC
Efficient cores	8	Product colour *	Black
Built-in processor *	✓	Cooling type *	Active
Processor lithography	7 nm	On/off switch	✓
Performance-core boost frequency	4.4 GHz	LED indicators	System
Efficient-core boost frequency	3.3 GHz	Housing material	Plastic
Processor cache	12 MB	Cable lock slot	✓
Memory		Cable lock slot type	Kensington
Memory slots type *	SO-DIMM	VESA mounting	✓
Number of memory slots *	2	Panel mounting interface	75 x 75,100 x 75 mm
Maximum internal memory	64 GB	Product type *	Mini PC barebone
Supported memory clock speeds	3200 MHz	Performance	
Memory channels	Dual-channel	Motherboard form factor	NUC
Storage		Motherboard chipset	Intel SoC
Supported storage drive types *	HDD & SSD	Number of processors supported	1
Storage drive sizes supported *	2.5,M.2	Certificates	
SSD form factor	2.5"	Certification	FCC, CB/CE, UL & CUL, VCCI, RCM
Storage drive interface	M.2, Serial ATA III		
NVMe	✓		

Storage		Software	
Number of storage drives supported	2	Operating system installed	✘
Graphics		Power	
On-board graphics card *	✓	Power supply type *	External AC adapter
Graphics card family	Intel	Power supply	65 W
On-board graphics card model	Intel Iris Xe Graphics	Number of power supply units	1
Number of displays supported	3	Operational conditions	
Audio		Operating temperature (T-T)	0 - 35 °C
Built-in speaker(s) *	✘	Storage temperature (T-T)	-20 - 60 °C
Network		Operating relative humidity (H-H)	0 - 85%
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Storage relative humidity (H-H)	0 - 90%
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Weight & dimensions	
WLAN controller model	Intel Wi-Fi 6E AX211	Width	124 mm
Ethernet LAN *	✓	Depth	124 mm
Wi-Fi *	✓	Height	53.7 mm
LAN controller	Realtek RTL8111H, Realtek RTL8125-BG, Realtek RTL8125-CG	Weight	550 g
Bluetooth	✓	Package width	205 mm
Bluetooth version	5.3	Package depth	220 mm
Ports & interfaces		Package height	94 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	4	Package weight	1.39 kg
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Packaging content	
HDMI ports quantity *	1	Power cord included	✓
HDMI version	2.0b	AC adapter included	✓
DVI port	✘	Quick start guide	✓
DisplayPorts quantity	1	Drivers included	✓
		Display included	✘
		Mouse included	✘
		Keyboard included	✘
		Other features	
		Country of origin	China
		Warranty period	2 year(s)



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