



MSI Cubi 5 12M Intel Core i7 1255U Desktop PC, NUC, SFF, Mini Computer, HTPC, (16GB RAM, 512GB SSD, Windows 11 PRO), IRIS XE Graphics/ThunderBolt 4/Type C/HDMI/DisplayPort/Dual LAN/WiFi 6E/BT 5.3/VESA



16 GB RAM, 512 GB SSD



- 1 Mic-in / Headphone-out
- 2 2 x USB 3.2 Gen 2 Type-A (10 Gbps)
- 3 Thunderbolt 4 (40 Gbps)
- 4 HDMI-out (24-bit) + DP-out (1.4)
- 5 2.5G LAN (RJ45)
- 6 2 x 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 I7
1255U FS 16GB 512GB W11P

Product name : MSI Cubi 5
12M Intel Core i7 1255U Desktop
PC, NUC, SFF, Mini Computer,
HTPC, (16GB RAM, 512GB SSD,
Windows 11 PRO), IRIS XE
Graphics/ThunderBolt 4/Type
C/HDMI/DisplayPort/Dual
LAN/WiFi 6E/BT 5.3/VESA

- 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 i7 1255U Desktop PC, 16GB RAM, 512GB SSD, Mini PC, SFF, ThunderBolt 4
Type C, USB 3.2 Gen2, HDMI, DisplayPort, Dual LAN, WiFi, BT, VESA, Win11 PRO

Processor		Network	
Processor manufacturer *	Intel	Bluetooth version	5.3
Processor family *	Intel® Core™ i7	Ports & interfaces	
Processor generation	12th gen Intel® Core™ i7	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
Processor model *	i7-1255U	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor cores	10	Thunderbolt 4 ports quantity	1
Processor threads	12	DVI port	✗
Processor boost frequency	4.7 GHz	HDMI ports quantity *	1
Processor frequency *	3.5 GHz	HDMI version	2.0b
Performance cores	2	DisplayPorts quantity	1
Efficient cores	8	DisplayPort version	1.4
Processor cache	12 MB	Ethernet LAN (RJ-45) ports	2
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Number of processors installed	1	DC-in jack	✓
Memory		Design	
Internal memory *	16 GB	Chassis type *	Mini PC
Maximum internal memory *	64 GB	Colour name	Black
Internal memory type	DDR4-SDRAM	Volume	0.66 L
Memory layout (slots x size)	2 x 8 GB	Placement supported	Horizontal/Vertical
Memory slots	2x SO-DIMM	VESA mounting	✓
Memory clock speed	3200 MHz	Number of 2.5" bays	1
Storage		Cable lock slot	✓
Total storage capacity *	512 GB	Cable lock slot type	Kensington
Storage media *	HDD+SSD	Product colour *	Black
Optical drive type *	✗	Housing material	Plastic
Number of storage drives installed	1	Country of origin	China
Number of storage drives supported	2		
Number of SSDs installed	1		
SSD capacity	512 GB		

Storage		Performance	
SSD interface	M.2	Market positioning	Everyday
SSD form factor	M.2	Powered by	MSI
Card reader integrated	✗	Motherboard chipset	Intel SoC
Graphics		Product type *	Mini PC
Discrete graphics card *	✗	Software	
On-board graphics card *	✓	Operating system installed *	Windows 11 Pro
Discrete graphics card model *	Not available	Drivers included	✓
On-board GPU manufacturer	Intel	Power	
On-board graphics card family	Intel Iris Xe Graphics	Power supply *	65 W
On-board graphics card model *	Intel Iris Xe Graphics	Weight & dimensions	
Network		Width *	124 mm
Ethernet LAN *	✓	Depth *	124 mm
LAN controller	Realtek RTL8111H, Realtek RTL8125-BG, Realtek RTL8125-CG	Height *	53.7 mm
Wi-Fi *	✓	Weight *	550 g
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Package width	205 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Package depth	220 mm
WLAN controller manufacturer	Intel	Package height	94 mm
WLAN controller model	Intel Wi-Fi 6E AX211	Package weight	1.39 kg
Bluetooth	✓	Packaging content	
		Display included *	✗
		Mouse included	✗
		Keyboard included	✗
		VESA mount included	✓



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