



MSI Cubi Z AI 8M AMD Ryzen 9 8945HS, Barebone, NUC, SFF, Mini Computer, HTPC, (NO RAM, NO Storage, NO OS), AMD Radeon Graphics/DDR5/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3/VESA

Brand : MSI

Product family: Cubi

Product code: CUBI Z AI
8M-004BEU

Product name : MSI Cubi Z AI
8M AMD Ryzen 9 8945HS,
Barebone, NUC, SFF, Mini
Computer, HTPC, (NO RAM, NO
Storage, NO OS), AMD Radeon
Graphics/DDR5/Dual HDMI/Dual
LAN/WiFi 6E/BT 5.3/VESA

- No OS
- AMD Ryzen 9 8945HS (4.1GHz)
- AMD Radeon 780M

MSI Cubi Z AI 8M AMD Ryzen 9 8945HS, Barebone, NUC, SFF, Mini Computer, HTPC, (NO RAM, NO Storage, NO OS), AMD Radeon Graphics/DDR5/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3/VESA
MSI Cubi Z AI 8M AMD Ryzen 9 8945HS, Barebone, NUC, SFF, Mini Computer, HTPC, (NO RAM, NO Storage, NO OS), AMD Radeon Graphics/DDR5/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3/VESA. Chassis type: Cube, Product type: Mini PC barebone. Motherboard chipset: AMD SoC. Number of memory slots: 2, Maximum internal memory: 64 GB. Supported storage drive types: HDD & SSD. Ethernet LAN (RJ-45) ports: 1. Wi-Fi standards: Wi-Fi 6E (802.11ax), Bluetooth version: 5.4. Cooling type: Active. Power supply: 120 W



Processor		Ports & interfaces	
Processor manufacturer	AMD	Microphone in	✗
Processor family	AMD Ryzen™ 9	Combo headphone/mic port	✓
Processor generation	AMD Ryzen 9000 Series	Ethernet LAN (RJ-45) ports *	1
Processor model	8945HS	S/PDIF out port	✗
Processor cores	8	DC-in jack	✓
Processor boost frequency	5.2 GHz	Design	
Processor frequency	4.1 GHz	Chassis type *	Cube
Built-in processor *	✓	Product colour *	Black
Processor cache type	L2 & L3	Cooling type *	Active
L2 cache	8 MB	Cable lock slot	✓
L3 cache	16 MB	Cable lock slot type	Kensington
Memory		VESA mounting	✓
Internal memory installed *	✗	Panel mounting interface	100 x 100 mm
Memory slots type *	SO-DIMM	Product type *	Mini PC barebone
Number of memory slots *	2	Market positioning	Business
Maximum internal memory	64 GB	Performance	
Internal memory	0 GB	Motherboard chipset	AMD SoC
Memory channels	Dual-channel	Number of processors supported	1
ECC	✗	Optical drive type	✗
Non-ECC	✗	Trusted Platform Module (TPM)	✓
Storage		Trusted Platform Module (TPM) version	2.0
Storage drives installed *	✗	Audio output channels	2.0 channels
Supported storage drive types *	HDD & SSD	Technical details	
Storage drive sizes supported *	M.2	Compliance certificates	CE, Federal Communications Commission (FCC), RoHS, UL
NVMe	✓		
Card reader integrated	✓		
Compatible memory cards	Not supported		

Graphics		Software	
On-board graphics card *	✓	Operating system installed	✗
Graphics card family	AMD	Power	
On-board graphics card model	AMD Radeon 780M	Power supply type *	External AC adapter
Discrete graphics card model	Not available	Power supply	120 W
Audio		Operational conditions	
Built-in speaker(s) *	✓	Operating temperature (T-T)	0 - 35 °C
Network		Storage temperature (T-T)	-20 - 60 °C
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Operating relative humidity (H-H)	0 - 85%
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Storage relative humidity (H-H)	0 - 90%
WLAN controller model	AMD RZ616	Weight & dimensions	
Ethernet LAN *	✓	Width	136 mm
Wi-Fi *	✓	Depth	132 mm
LAN controller	Realtek RTL8125B	Height	50.1 mm
Bluetooth	✓	Weight	790 g
Bluetooth version	5.4	Package width	469 mm
Ports & interfaces		Package depth	221 mm
USB 2.0 ports quantity *	1	Package height	517 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	5	Package weight	2 kg
USB4 Gen 2x2 ports quantity	2	Packaging content	
HDMI ports quantity *	2	Display included	✗
HDMI version	2.1	Mouse included	✗
DVI port	✗	Keyboard included	✗
		Other features	
		Warranty period	3 year(s)



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