**msi**

# 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

**Brand :** MSI

**Product family:** Cubi

**Product code:** CUBI Z AI 8M R9 8945HS BB

**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 LAN/WiFi 6E/BT 5.3/VESA

AMD RYZEN AI 9     AI 0GB RAM, 0GB SSD

MSI

MSI Cubi Z AI 8M AMD Ryzen 9 8945HS Barebone, NUC, USFF, Mini Computer, HTPC (NO RAM, NO Storage, NO OS), AMD Radeon Graphics/DDR5/Dual ThunderBolt 4/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:

The MSI Cubi Z AI 8M combines AMD Ryzen™ 8000 Series with a built-in NPU in a compact 0.9-liter design. Features dual USB4 ports with speeds of up to 40Gbps, a 100W power delivery input, dual HDMI ports supporting up to four displays, dual 2.5G LAN ports for fast networking, a Kensington Lock for security, a built-in speaker, and a VESA mountable design.
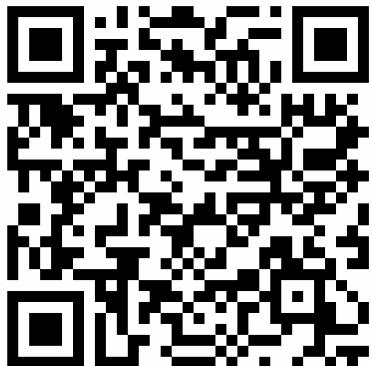
AMD RYZEN AI 9     AI 0GB RAM, 0GB SSD

## Processor

| | |
|---|---|
| Processor manufacturer | AMD |
| Processor family | AMD Ryzen™ 9 |
| Processor frequency | 4 GHz |
| Built-in processor * | ✔ |

## Memory

| | |
|---|---|
| Internal memory installed * | ✘ |
| Memory slots type * | SO-DIMM |
| Number of memory slots * | 2 |
| Maximum internal memory | 64 GB |

## Storage

| | |
|---|---|
| Storage drives installed * | ✘ |
| Supported storage drive types * | SSD |
| Storage drive sizes supported * | M.2 |

## Graphics

| | |
|---|---|
| On-board graphics card * | ✘ |

## Audio

| | |
|---|---|
| Built-in speaker(s) * | ✔ |
| Number of speakers | 1 |
| RMS rated power | 2 W |

## Network

| | |
|---|---|
| Top Wi-Fi standard | Wi-Fi 6E (802.11ax) |
| Wi-Fi standards | Wi-Fi 6E (802.11ax) |
| WLAN controller model | AMD RZ616 |
| Ethernet LAN * | ✔ |
| Wi-Fi * | ✔ |
| LAN controller | Realtek RTL8125B |

## Design

| | |
|---|---|
| Product type * | Mini PC barebone |

## Performance

| | |
|---|---|
| Motherboard chipset | AMD SoC |
| Number of processors supported | 1 |
| Audio chip | Realtek ALC269 |

## Software

| | |
|---|---|
| Windows operating systems supported | Windows 11, Windows 11 Pro |
| Operating system installed | ✘ |

## Sustainability

| | |
|---|---|
| Sustainability certificates | Certified Enviro Cranberries (CEC), ENERGY STAR, ErP |

## Power

| | |
|---|---|
| Power supply type * | External AC adapter |
| Power supply | 120 W |
| Number of power supply units | 1 |
| AC input voltage | 100 - 240 V |
| AC input frequency | 50/60 Hz |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 0 - 35 °C |
| Storage temperature (T-T) | -20 - 60 °C |
| Operating relative humidity (H-H) | 0 - 85% |
| Storage relative humidity (H-H) | 0 - 90% |

## Weight & dimensions

| | |
|---|---|
| Width | 136 mm |
| Depth | 132 mm |

**Network**

| | |
|---|---|
| Bluetooth | ✔ |
| Bluetooth version | 5.3 |

**Ports & interfaces**

| | |
|---|---|
| USB 2.0 ports quantity * | 1 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 5 |
| USB4 Gen 3x2 ports quantity | 2 |
| HDMI ports quantity * | 2 |
| HDMI version | 2.1 |
| Ethernet LAN (RJ-45) ports * | 2 |

**Expansion slots**

| | |
|---|---|
| Number of M.2 (M) slots | 1 |

**Design**

| | |
|---|---|
| Chassis type * | 0.9L sized PC |
| Product colour * | Black |
| Cooling type * | Active |
| VESA mounting | ✔ |
| Panel mounting interface | 100 x 100 mm |

**Weight & dimensions**

| | |
|---|---|
| Height | 50.1 mm |
| Weight | 790 g |
| Package width | 469 mm |
| Package depth | 221 mm |
| Package height | 517 mm |
| Package weight | 2 kg |

**Packaging content**

| | |
|---|---|
| Power cord included | ✔ |
| AC adapter included | ✔ |
| Quick start guide | ✔ |
| Drivers included | ✘ |
| Display included | ✘ |
| Mouse included | ✘ |
| Keyboard included | ✘ |

**Other features**

| | |
|---|---|
| Country of origin | China |
| Introduction month | December |
| Introduction year | 2025 |
| Warranty period | 3 year(s) |

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**Catalog Object Cloud**