



## MSI Cubi 5 12M-001BEU 0.66L sized PC Black i7-1255U Intel SoC

**Brand :** MSI

**Product family:** Cubi

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

**Product name :** Cubi 5  
12M-001BEU



- 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 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                    | DVI port                       | ✗                               |
| Processor family                   | Intel® Core™ i7          | DisplayPorts quantity          | 1                               |
| Processor generation               | 12th gen Intel® Core™ i7 | DisplayPort version            | 1.4                             |
| Processor model                    | i7-1255U                 | Combo headphone/mic port       | ✓                               |
| Processor cores                    | 10                       | Ethernet LAN (RJ-45) ports *   | 2                               |
| Processor threads                  | 12                       | Thunderbolt 4 ports quantity   | 1                               |
| Processor boost frequency          | 4.7 GHz                  | DC-in jack                     | ✓                               |
| Performance cores                  | 2                        | Expansion slots                |                                 |
| Efficient cores                    | 8                        | Number of M.2 (M) slots        | 1                               |
| Built-in processor *               | ✓                        | Design                         |                                 |
| Processor lithography              | 14 nm                    | Chassis type *                 | 0.66L sized PC                  |
| Performance-core boost frequency   | 4.7 GHz                  | Product colour *               | Black                           |
| Efficient-core boost frequency     | 3.5 GHz                  | Cooling type *                 | Active                          |
| Processor cache                    | 12 MB                    | On/off switch                  | ✓                               |
| Thermal Design Power (TDP)         | 15 W                     | LED indicators                 | ✓                               |
| Memory                             |                          | VESA mounting                  | ✓                               |
| Memory slots type *                | SO-DIMM                  | Panel mounting interface       | 100 x 100 mm                    |
| Number of memory slots *           | 2                        | Product type *                 | Mini PC barebone                |
| Maximum internal memory            | 64 GB                    | Performance                    |                                 |
| Supported memory clock speeds      | 3200 MHz                 | Motherboard form factor        | NUC                             |
| Memory channels                    | Dual-channel             | Motherboard chipset            | Intel SoC                       |
| Storage                            |                          | Number of processors supported | 1                               |
| Supported storage drive types *    | HDD & SSD                | Certificates                   |                                 |
| Storage drive sizes supported *    | 2.5,M.2                  | Certification                  | FCC, CB/CE, UL & CUL, VCCI, RCM |
| SSD form factor                    | 2.5"                     | Software                       |                                 |
| Storage drive interface            | M.2, Serial ATA III      | Operating system installed     | ✗                               |
| NVMe                               | ✓                        |                                |                                 |
| Number of storage drives supported | 2                        |                                |                                 |

| 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                            | 590 g               |
| Bluetooth                                       | ✓                                                        | Package width                     | 221 mm              |
| Bluetooth version                               | 5.3                                                      | Package depth                     | 506 mm              |
| Ports & interfaces                              |                                                          | Package height                    | 469 mm              |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 4                                                        | Package weight                    | 1.33 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               | ✓                   |
|                                                 |                                                          | Quick start guide                 | ✓                   |
|                                                 |                                                          | Drivers included                  | ✓                   |
|                                                 |                                                          | Display included                  | ✗                   |
|                                                 |                                                          | Mouse included                    | ✗                   |
|                                                 |                                                          | Keyboard included                 | ✗                   |
|                                                 |                                                          | Other features                    |                     |
|                                                 |                                                          | Country of origin                 | China               |
|                                                 |                                                          | Warranty period                   | 2 year(s)           |



4711377026086

### Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.