



MSI Cubi NUC 1M Intel Core 5 120U (14th Gen) Barebone, NUC, SFF, Mini Computer, HTPC, (NO RAM, NO Storage, NO OS), Intel Graphics/DDR5/Dual ThunderBolt 4/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3/VESA



Brand : MSI

Product family: Cubi

Product code: CUBI NUC 1M I5 120U BB

Product name : MSI Cubi NUC 1M Intel Core 5 120U (14th Gen) Barebone, NUC, SFF, Mini Computer, HTPC, (NO RAM, NO Storage, NO OS), Intel Graphics/DDR5/Dual ThunderBolt 4/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3/VESA



MSI Cubi NUC 1M Intel Core 5 120U (14th Gen) Barebone, NUC, SFF, Mini Computer, HTPC, (NO RAM, NO Storage, NO OS), Intel Graphics/DDR5/Dual ThunderBolt 4/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3/VESA. Chassis type: 0.84L sized PC, Product type: Mini PC barebone. Motherboard chipset: Intel SoC. Supported memory types: DDR5-SDRAM, Number of memory slots: 2, Maximum internal memory: 64 GB. Supported storage drive types: HDD & SSD, Storage drive interface: M.2, Serial ATA, Serial ATA II, Serial ATA III. Ethernet LAN (RJ-45) ports: 2. Wi-Fi standards: Wi-Fi 6E (802.11ax), Bluetooth version: 5.3. Cooling type: Active. Power supply: 120 W



| Processor | | Ports & interfaces | |
|--------------------------------------|--|---------------------------------|----------------------|
| Processor manufacturer | Intel | S/PDIF out port | ✗ |
| Processor family | Intel Core 5 | CardBus PCMCIA slot type | ✗ |
| Processor generation | Intel Core (Series 1) | Consumer infrared headers | ✗ |
| Processor model | 120U | Serial port via internal header | ✗ |
| Processor cores | 10 | USB charging | ✗ |
| Processor threads | 12 | TV-out | ✗ |
| Performance cores | 2 | Thunderbolt 4 ports quantity | 2 |
| Efficient cores | 8 | DC-in jack | ✓ |
| Performance-core Max Turbo Frequency | 5 GHz | Expansion slots | |
| Efficient-core Max Turbo Frequency | 3.8 GHz | Number of M.2 (M) slots | 2 |
| Performance-core base frequency | 1.4 GHz | Design | |
| Efficient-core base frequency | 0.9 GHz | Chassis type * | 0.84L sized PC |
| Built-in processor * | ✓ | Product colour * | Black |
| Processor cache | 12 MB | Cooling type * | Active |
| Memory | | On/off switch | ✓ |
| Memory slots type * | SO-DIMM | LED indicators | System |
| Number of memory slots * | 2 | Housing material | Plastic |
| Maximum internal memory | 64 GB | Cable lock slot | ✓ |
| Supported memory clock speeds | 5200 MHz | Cable lock slot type | Kensington |
| Supported memory types | DDR5-SDRAM | VESA mounting | ✓ |
| Storage | | Panel mounting interface | 75 x 75,100 x 100 mm |
| Supported storage drive types * | HDD & SSD | Product type * | Mini PC barebone |
| Storage drive sizes supported * | 2.5,M.2 | Performance | |
| SSD form factor | M.2 | Motherboard form factor | NUC |
| Storage drive interface | M.2, Serial ATA, Serial ATA II, Serial ATA III | Motherboard chipset | Intel SoC |
| NVMe | ✓ | Number of processors supported | 1 |
| Number of storage drives supported | 3 | Trusted Platform Module (TPM) | ✓ |

| | | | |
|---|----------------------|---------------------------------------|---|
| Storage | | Performance | |
| Card reader integrated | ✓ | Trusted Platform Module (TPM) version | 2.0 |
| Compatible memory cards | MicroSD (TransFlash) | | |
| Graphics | | Software | |
| On-board graphics card * | ✓ | Windows operating systems supported | Windows 11, Windows 11 Enterprise, Windows 11 Home, Windows 11 Pro |
| Graphics card family | Intel | Operating system installed | ✗ |
| On-board graphics card model | Intel Graphics | | |
| Number of displays supported | 4 | | |
| Audio | | Sustainability | |
| Built-in speaker(s) * | ✗ | Sustainability certificates | ENERGY STAR, Forest Stewardship Council (FSC), Post-Consumer Recycled Plastic |
| Network | | Power | |
| Top Wi-Fi standard | Wi-Fi 6E (802.11ax) | Power supply type * | External AC adapter |
| Wi-Fi standards | Wi-Fi 6E (802.11ax) | Power supply | 120 W |
| WLAN controller model | Intel Wi-Fi 6E AX211 | Number of power supply units | 1 |
| Ethernet LAN * | ✓ | AC input voltage | 100 - 240 V |
| Copper ethernet cabling technology | 2.5GBASE-T | AC input frequency | 50/60 Hz |
| Wi-Fi * | ✓ | Weight & dimensions | |
| LAN controller | Intel I226-V | Width | 132.5 mm |
| Bluetooth | ✓ | Depth | 135.6 mm |
| Bluetooth version | 5.3 | Height | 50.1 mm |
| Near Field Communication (NFC) | ✗ | Weight | 0.625 g |
| Ports & interfaces | | Package width | 205 mm |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 | Package depth | 220 mm |
| HDMI ports quantity * | 2 | Package height | 94 mm |
| HDMI version | 1.4b/2.1 | Package weight | 1.45 g |
| DVI port | ✗ | Packaging content | |
| Microphone in | ✗ | Power cord included | ✓ |
| Combo headphone/mic port | ✓ | AC adapter included | ✓ |
| Ethernet LAN (RJ-45) ports * | 2 | Quick start guide | ✓ |
| | | Drivers included | ✓ |
| | | Display included | ✗ |
| | | Mouse included | ✗ |
| | | Keyboard included | ✗ |
| | | Other features | |
| | | Country of origin | China |
| | | Introduction month | July |
| | | Introduction year | 2024 |
| | | Warranty period | 3 year(s) |



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