

MSI Cubi NUC AI+ 2MG-019US Copilot+ PC Intel Core Ultra 7 258V 32 GB LPDDR5x-SDRAM 1 TB SSD Windows 11 Pro Mini PC Black

Brand : MSI

Product family: Cubi

Product code: CUBI NUC AI+ 2MG-019US

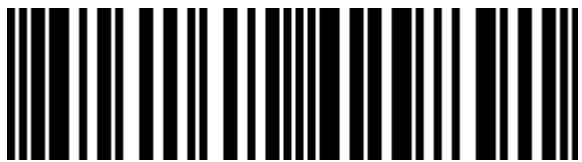
Product name : Cubi NUC AI+ 2MG-019US



- Windows 11 Pro
- Intel Core Ultra 7 258V (12MB Cache)
- 32GB LPDDR5x-SDRAM & 1000GB SSD
Intel Core Ultra 7 258V (12MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, Intel Arc Graphics 140V, LAN, WLAN, Bluetooth, Windows 11 Pro
MSI Cubi NUC AI+ 2MG-019US. Processor family: Intel Core Ultra 7, Processor model: 258V. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD, Card reader integrated. On-board graphics card model: Intel Arc Graphics 140V. Wi-Fi. Operating system installed: Windows 11 Pro. Power supply: 120 W. Chassis type: Mini PC. Product type: Mini PC. Weight: 667 g. Product colour: Black

| Processor | | Ports & interfaces | |
|--|--|---|-----------------------|
| Processor manufacturer * | Intel | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 2 |
| Processor family * | Intel Core Ultra 7 | Number of USB ports with PowerShare support | 1 |
| Processor generation | Intel Core Ultra (Series 2) | USB Type-C DisplayPort Alternate Mode | ✓ |
| Processor model * | 258V | Intel® Thunderbolt 4 | ✓ |
| Processor cores | 8 | Thunderbolt 4 ports quantity | 2 |
| Processor threads | 8 | HDMI ports quantity * | 1 |
| Processor boost frequency | 4.8 GHz | HDMI version | 2.1 |
| Performance cores | 4 | Ethernet LAN (RJ-45) ports | 1 |
| Low Power Efficient-cores | 4 | Microphone in | ✓ |
| Performance-core Max Turbo Frequency | 4.8 GHz | Headphone outputs | 1 |
| Low Power Efficient-core Max Turbo Frequency | 3.7 GHz | Combo headphone/mic port | ✓ |
| Performance-core base frequency | 2.2 GHz | Expansion slots | |
| Low Power Efficient-core Base Frequency | 2200 MHz | PCI Express x1 slots | 1 |
| Processor cache | 12 MB | PCI Express x1 (Gen 3.x) slots | 1 |
| Processor cache type | Smart Cache | PCI Express x16 slots | 1 |
| Processor base power | 17 W | Design | |
| Maximum turbo power | 37 W | Chassis type * | Mini PC |
| Neural processor unit (NPU) | | Volume | 0.826 L |
| Copilot+ PC | ✓ | Placement supported | Horizontal/Vertical |
| Neural processor unit (NPU) | Intel AI Boost | Number of 3.5" bays | 1 |
| Sparsity support | ✓ | Number of 2.5" bays | 1 |
| Windows Studio effects support | ✓ | Cable lock slot | ✓ |
| AI software frameworks supported by NPU | DirectML, OpenVINO, Windows ML, ONNX RT, WebNN | Cable lock slot type | Kensington |
| Total processor performance up to | 115 TOPs | Product colour * | Black |
| NPU performance up to | 47 TOPs | Performance | |
| GPU performance up to | 64 TOPs | Market positioning | Business |
| Memory | | Powered by | MSI |
| Internal memory * | 32 GB | Motherboard form factor | NUC |
| Maximum internal memory * | 32 GB | Audio chip | Realtek ALC256 |
| Internal memory type | LPDDR5x-SDRAM | Audio system | High Definition Audio |
| | | Built-in speaker(s) | ✓ |

| Storage | | Performance | |
|--------------------------------|-------------------------|--|---|
| Total storage capacity * | 1 TB | Trusted Platform Module (TPM) | ✓ |
| Storage media * | SSD | Product type * | Mini PC |
| Optical drive type * | ✗ | Trusted Platform Module (TPM) version | 2.0 |
| Total SSDs capacity | 1 TB | Software | |
| Number of SSDs installed | 1 | Operating system installed * | Windows 11 Pro |
| SSD capacity | 1 TB | Power | |
| SSD interface | PCI Express | Power supply * | 120 W |
| NVMe | ✓ | Operational conditions | |
| SSD form factor | M.2 | Operating temperature (T-T) | 0 - 35 °C |
| M.2 SSD size | 2280 (22 x 80 mm) | Storage temperature (T-T) | -20 - 60 °C |
| Card reader integrated | ✓ | Operating relative humidity (H-H) | 0 - 85% |
| Compatible memory cards | MicroSD (TransFlash) | Storage relative humidity (H-H) | 0 - 90% |
| Graphics | | Certificates | |
| Discrete graphics card * | ✗ | Compliance certificates | CB, Federal Communications Commission (FCC) |
| On-board graphics card * | ✓ | Weight & dimensions | |
| Discrete graphics card model * | Not available | Width * | 135.6 mm |
| On-board GPU manufacturer | Intel | Depth * | 132.5 mm |
| On-board graphics card family | Intel Arc Graphics | Height * | 50.1 mm |
| On-board graphics card model * | Intel Arc Graphics 140V | Weight * | 667 g |
| Network | | Package width | 205 mm |
| Ethernet LAN * | ✓ | Package depth | 220 mm |
| Ethernet LAN data rates | 2500 Mbit/s | Package height | 94 mm |
| Cabling technology | 10/100/1000Base-T(X) | Package weight | 1.68 kg |
| LAN controller | Intel I226-V | Packaging content | |
| Wi-Fi * | ✓ | Mouse included | ✗ |
| Top Wi-Fi standard | Wi-Fi 6E (802.11ax) | Keyboard included | ✗ |
| Wi-Fi standards | Wi-Fi 6E (802.11ax) | Display | |
| WLAN controller manufacturer | Intel | Display included * | ✗ |
| WLAN controller model | Intel Wi-Fi 6E AX211 | Technical details | |
| Antenna type | 2x2 | Statement of conformance & platform certificate included | ✓ |
| Bluetooth | ✓ | Not classified as hazardous under GHS | ✓ |
| Bluetooth version | 5.3 | Other features | |
| Ports & interfaces | | Warranty period | 3 year(s) |
| USB 2.0 ports quantity * | 2 | | |



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Catalog Object Cloud



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