

Specifications

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| Model <ul style="list-style-type: none">• MM21-Q4700• MM21-Q4702 (TPM2.0) | Form Factor <p>Micro ATX (244 x 244mm)</p> |
| Processor System <ul style="list-style-type: none">• Intel® LGA 1200 Socket support 10th / 11th Gen. Core processor (Max. 95W)• Intel® Q470E Chipset• AMI Flash ROM BIOS <p><i>*Note: MM21-Q4700 Series do not support CSM, Legacy network PXE boot, Legacy RAID card, PEG card and IGP</i></p> | Memory <p>4* DDR4 2933/2666/2400MHz long DIMM up to 128GB</p> |
| Storage <ul style="list-style-type: none">• 6* SATAIII (6 Gb/s) support RAID 0/1/5/10• 1* M.2 M-key (2242/2260/2280/22110, PCIe x4 interface) support NVMe• 1* M.2 M-key (2260/2280, PCIe x2 interface) | Expansion <ul style="list-style-type: none">• 1* M.2 E-key (2230, PCIe/USB2.0 interface) support CNVI• 1* PCIe x16• 1* PCIe x8 (share with PCIe x16)• 1* PCIe x4• 1* PCIe x1 |
| Ethernet <ul style="list-style-type: none">• 1* Intel® i219-LM GbE• 1* Intel® i210-AT GbE• 2* Intel® i225-V 2.5GbE | Graphics <ul style="list-style-type: none">• Intel® HD Graphics, shared memory• 2* HDMI 1.4 (Max Resolution: 4096x2160@30Hz)• Support Dual Displays |
| Audio <p>NA</p> | Watchdog Timer <ul style="list-style-type: none">• From Super I/O to drag RESETCON#• 256 segments (10sec ~ 255min) |
| Internal I/O <ul style="list-style-type: none">• 2* USB 3.2 (Gen.1)• 4* USB 2.0• 6* SATAIII• 4* RS232• 1* Chassis intrusion• 1* GPIO• 1* SMBUS / I2C• 1* AT mode | External I/O <ul style="list-style-type: none">• 2* HDMI• 2* RJ45 GbE• 2* RJ45 2.5GbE• 4* USB 3.2 (Gen.2)• 2* RS232/422/485 |
| Power <p>ATX PWR (8 + 24 pin)</p> <ul style="list-style-type: none">- AT: Directly PWR on as Power input ready- ATX: Press Button to PWR on after Power input ready | Compliance <p>CE, FCC, RoHS, REACH</p> |
| Temperature <ul style="list-style-type: none">• Operating Temperature: 0 ~ 60° C• Storage Temperature: -20 ~ 85° C• Humidity: 10% ~ 90% RH @40°C (non-condensing) | OS Support <p>Windows 10, Windows 11, Linux</p> |
| Warranty <p>2 Years limited warranty</p> | |

* Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

Standard Accessories

| Part Number | Description |
|-----------------|-----------------------|
| ----- | MM21-Q4700 Series M/B |
| F04-MB-082-F | MM21 I/O shield |
| G01-COM9-30A-2F | 2* COM cable |
| G01-SATA3-BL-1F | 2* SATA cable |