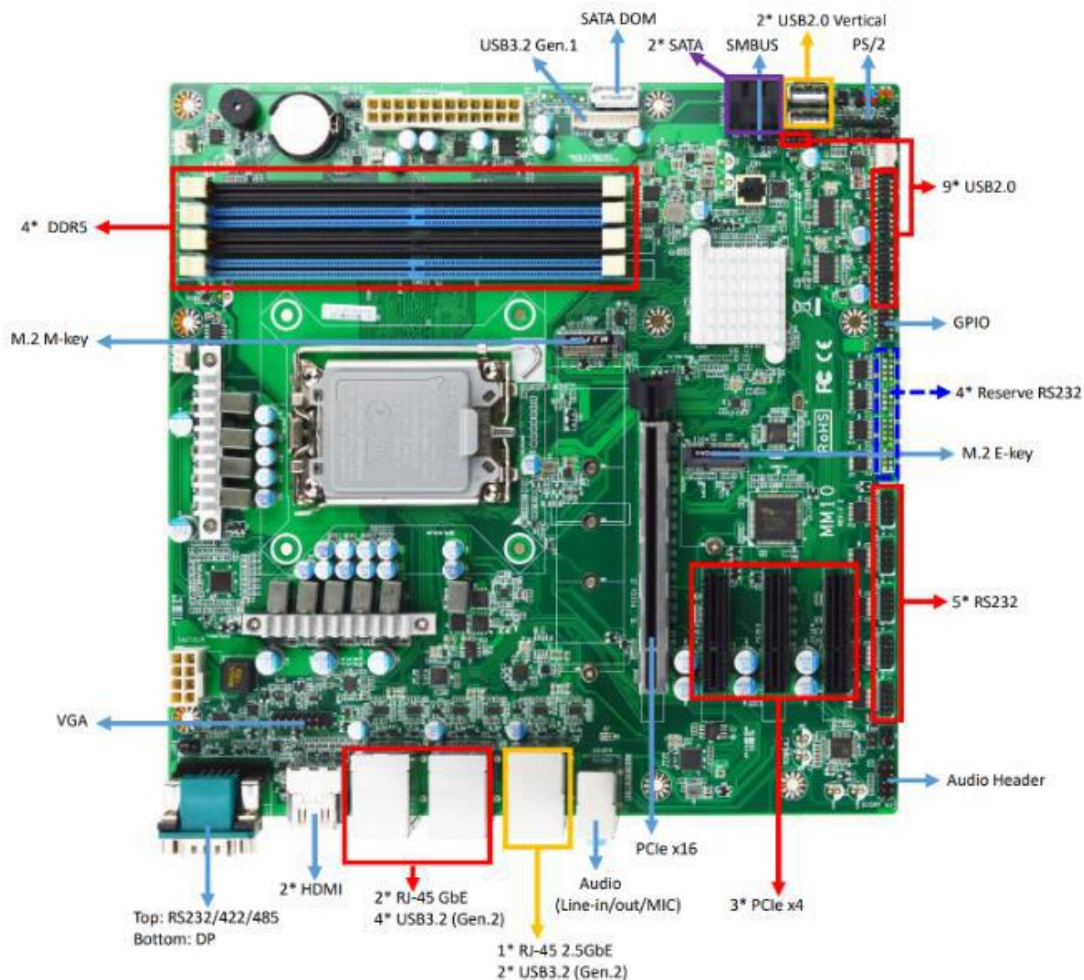


MM10-Q670

Micro ATX Q670E Industrial Motherboard
Alder Lake / DDR5 / 3*LAN / 2*HDMI + 1*DP

Features

1. Long-Life Embedded Class Motherboard with Planned Lifecycle Through Q1'2037
2. Supports 12/13/14th Gen Intel Processors up to 125W (Alder Lake), Intel Q670E Chipset, IAMT/VPRO
3. Supports DDR5-5600 UDIMM up to 128GB
4. 2 * SATA3, 1 * Powered SATA-DOM port
5. M.2 SATA & PCIE 4.0x4 NVME, SATA+M.2SATA Support RAID
6. 2*1GbE + 1*2.5GbE, 4 displays 2 * HDMI, 1 * DP, 1 * VGA
7. PCIE 5.0 x16 (reinforced), 1*PCIE 4.0 x4, 2*PCIE 3.0 x4
8. M.2 for WIFI, 6 * Serial Ports, 8-bit GPIO
9. 6 * USB 3.,2 Gen2 Ports, 9 * USB 2.0 Ports
10. Watchdog Timer, Optional TPM
11. Compatible with Win10, Win11, UEFI Linux
12. ATX Form Factor (244mm x 244mm)



Model / Series	MM10
Part No	MM10-Q6700 MM10-Q6702 (TPM 2.0)
Processor	Socket LGA1700, Supports 12/13/14 th Gen Intel processors up to 125W, Alder Lake, VPRO
Chipset	Intel Q670E Chipset
Video	Intel graphics in processor
Memory	4* UDIMM slots supporting DDR5-5600 up to 128GB total *12 th Gen CPU supports DDR5-4800
Expansion Slots	PCIE 5.0 x16 (reinforced), 1 * PCIE 4.0 x4, 2 * PCIE 3.0 x4 M.2 E-key 2230 for WIFI (CNVI)
Storage	2 * SATA3 6Gb/s ports, 1 * Powered SATA3 port (support SATA-DOM), Supporting RAID M.2 M-Key SATA & PCIE 4.0 x4 NVME 2242/2260/2280/22110
Audio	Realtek HD Audio
Network	1 * Intel i225/i226-V 2.5GbE LAN, 1 * Intel i219-LM (iAMT) 1GbE, 1 * Realtek RTL8153 Gigabit LAN
Other Features	Support ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec, Optional onboard TPM
Rear Panel I/O	6 * USB 3.2 Gen2 ports (10Gb/s) 3* RJ-45 Ports, Line-in, Line-out, mic, 1 * Serial RS232/422/485 ports 2 * HDMI 2.0b 4K@60Hz 1 * Displayport 1.4a 4K@60Hz
Internal I/O	1 * USB Header for 1 * USB 3.2 Gen1 ports (5Gb/s) 5 * USB Headers for 9 * USB 2.0 ports, 2 * USB 2.9 Type-A, 5 * RS232 headers 1 * PS/2 combo connector, SMBUS header, VGA header 8-bit GPIO, Chassis Intrusion Header, AT/ATX mode jumper 24-pin ATX and 8-pin 12V_ATX Power connectors
BIOS	AMI UEFI Flash ROM
Box Contents	MM10 Motherboard, I/O Shield, SATA cable, 2*Serial cables
Certification	CE, FCC, RoHS, ErP
Temperature	Operating Temperature 0~60 ° C Storage Temperature -20-85 ° C
Form Factor	Micro ATX Form Factor (244mm x 244mm)
Warranty	2 Years Limited Warranty

*Specifications subject to change without notice, not responsible for typographical errors.



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