

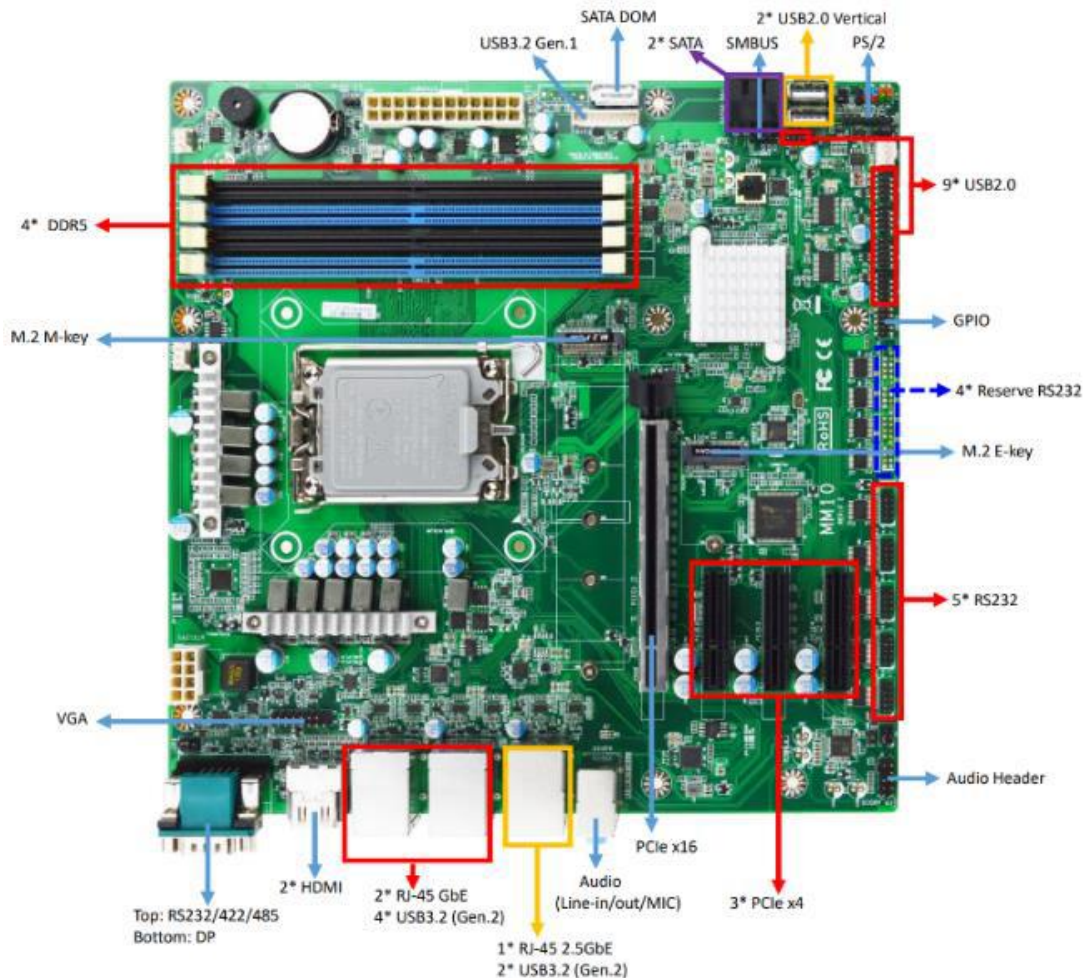
# MM10-Q670

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<sup>th</sup>/13<sup>th</sup> Gen Intel Processors up to 125W (Alder Lake), Intel Q670E Chipset, IAMT/VPRO
3. Supports DDR5-4800 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 (305mm x 244mm)



<b>Model / Series</b>	MM10
<b>Part No</b>	MM10-Q6700 MM10-Q6702 (TPM 2.0)
<b>Processor</b>	Socket LGA1700, Supports 12 <sup>th</sup> /13 <sup>th</sup> Gen Intel processors up to 125W, Alder Lake, VPRO
<b>Chipset</b>	Intel Q670E Chipset
<b>Video</b>	Intel graphics in processor
<b>Memory</b>	4* UDIMM slots supporting DDR5-4800 up to 128GB total
<b>Expansion Slots</b>	PCIE 5.0 x16 (reinforced), 1 * PCIE 4.0 x4, 2 * PCIE 3.0 x4 M.2 E-key 2230 for WIFI (CNVI)
<b>Storage</b>	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
<b>Audio</b>	Realtek HD Audio
<b>Network</b>	1 * Intel i225-V 2.5GbE LAN, 1 * Intel i219-LM (iAMT) 1GbE, 1 * Realtek RTL8153 Gigabit LAN
<b>Other Features</b>	Support ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec, Optional onboard TPM
<b>Rear Panel I/O</b>	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
<b>Internal I/O</b>	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
<b>BIOS</b>	AMI UEFI Flash ROM
<b>Box Contents</b>	MM10 Motherboard, I/O Shield
<b>Certification</b>	CE, FCC, RoHS, ErP
<b>Temperature</b>	Operating Temperature -10~50 ° C, Storage Temperature -20-85 ° C
<b>Form Factor</b>	Micro ATX Form Factor (244mm x 244mm)
<b>Warranty</b>	2 Years Limited Warranty

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



**Jetway Computer Corporation**  
**Phone: 510-857-0130 Fax: 510-857-0138**  
**8058 Central Ave., Newark, CA 94560**  
**www.jetwaycomputer.com**

