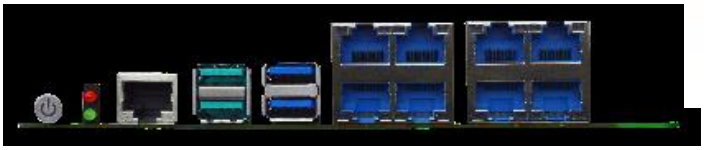
MI23

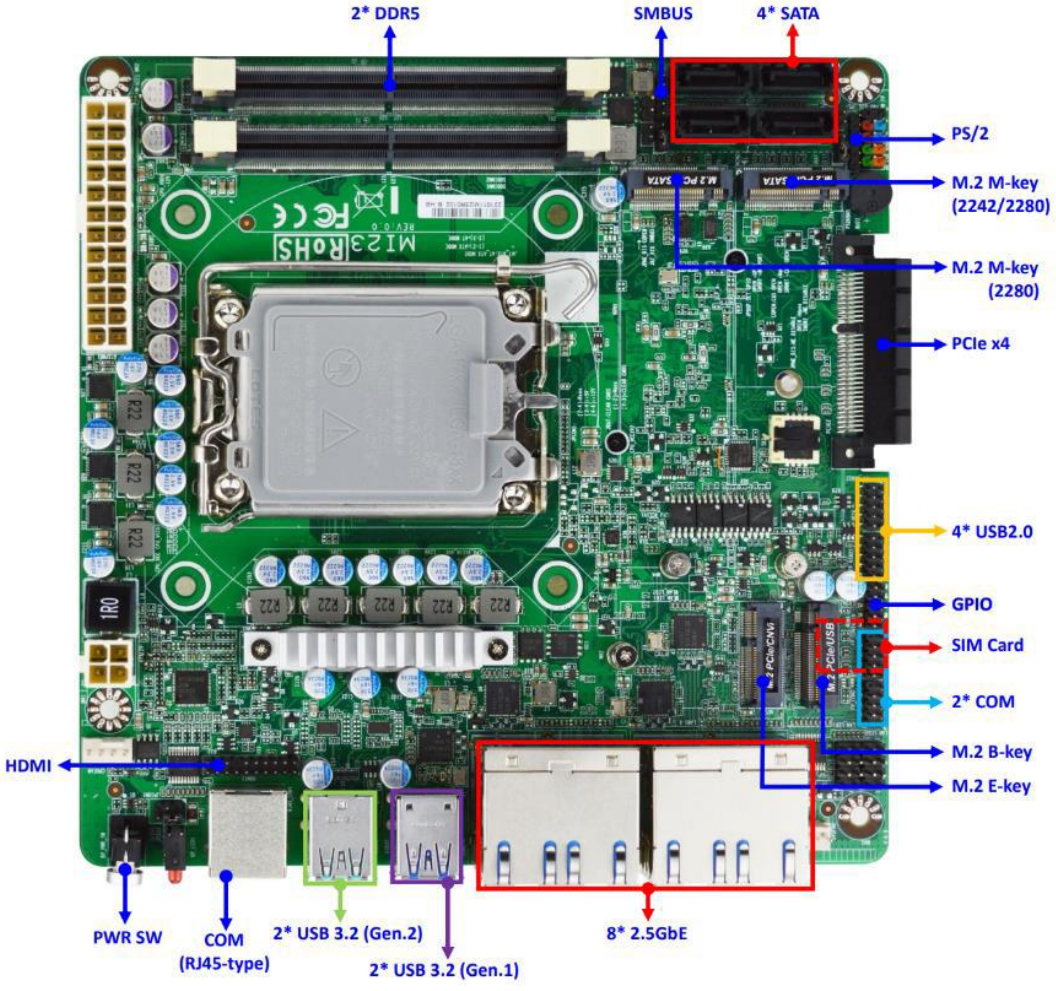
MITX 12/13/14th Gen Industrial Network Motherboard
Q670E/R680E (ECC) / 8*2.5GBE / 3*M.2 Slots





Features

1. Long-Life Embedded Class Industrial Motherboard
2. Supports 12/13/14th Gen Intel Processors up to 65W, Alder Lake, Raptor Lake, Raptor Lake Refresh, vPro Capable
3. Supports DDR5-5600 up to 64GB Total (R680E ECC support)
4. 8 * Intel 2.5GBE, one supporting iAMT
5. 4 * SATA3 RAID, 2 * M.2 SATA/PCIE 4.0 x4
6. M.2 2230 for WIFI, M.2 3042 with SIM slot for Cellular
7. 4 * USB 3.2, 4 * USB 2.0, Audio over HDMI, HDMI Header
8. PCIE 4.0 x4 side-port slot, 3 * Serial ports
9. Watchdog Timer, 8bit GPIO, TPM2 IC Optional
10. Compatible with Windows 10/11 64bit, Latest Linux
11. Mini-ITX Form Factor (170mm x 170mm



Model / Series	■ MI23	
Part No	■ MI23-Q6700-A1 ■ MI23-Q6702-A1 (TPM2)	■ MI23-R6800-A1 ■ MI23-R6802-A1 (TPM2)
Processor	■ Socket LGA1700, Supports 12/13/14th Gen Intel processors up to 65W, Alder Lake, Raptor Lake, Raptor Lake Refresh	
Chipset	■ Intel Q670E	■ Intel R680E
Video	■ Intel HD Graphics	
Memory	■ 2 * DDR5-5600 SODIMM Non-ECC up to 64GB total ■ *12th Gen CPU supports DDR5-4800	■ 2 * DDR5-5600 SODIMM ECC/Non-ECC up to 64GB total ■ *12th Gen CPU supports DDR5-4800
Expansion Slots	■ PCIE 4.0 x4 side-port slot ■ M.2 E-key 2230 (USB2/PCIE) ■ M.2 B-key 3042 with SIM slot for Cellular (USB3/USB2/PCIE)	
Storage	■ 4 * SATA3 6Gb/s ports supporting RAID 0/1/5/10 ■ M.2 M-key 2242/2280 SATA/PCIE 4.0 x4 ■ M.2 M-key 2280 SATA/PCIE 4.0 x4	
Audio	■ Intel audio over HDMI	
Network	■ 1 * Intel i226-LM 2.5GbE (IAMT) ■ 7 * Intel i226-V 2.5GbE	
Other Features	■ Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec, TPM2 Optional	
Rear Panel I/O	■ 2 * USB 3.2 Gen2 (10Gb/s), 2 * USB 3.2 Gen1 (5Gb/s) ■ 1 * RJ45 RS232 port, 8 * RJ45 LAN ports ■ Power button & LEDs	
Internal I/O	■ 2 * USB headers for 4 * USB 2.0 ports, 2 * Serial headers (RS232) ■ AT/ATX mode, SMBUS, 8bit GPIO, Chassis Intrusion header, PS/2 combo header ■ 24-pin ATX + 4-pin 12V power connectors	
BIOS	■ AMI UEFI Flash ROM with Intel PTT (TPM2 emulation)	
Box Contents	■ Motherboard, I/O Shield, SATA cable, COM cable, HDMI cable	
Certification	■ CE, FCC, RoHS, ErP	
Temperature	■ Operating Temperature 0 - 60° C ■ Storage Temperature -20 - 85° C	
Form Factor	■ Mini-ITX Form Factor (170mm x 170mm)	
Warranty	■ 2 Years Limited Warranty	

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

JETWAY
Tech.On The Move

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