

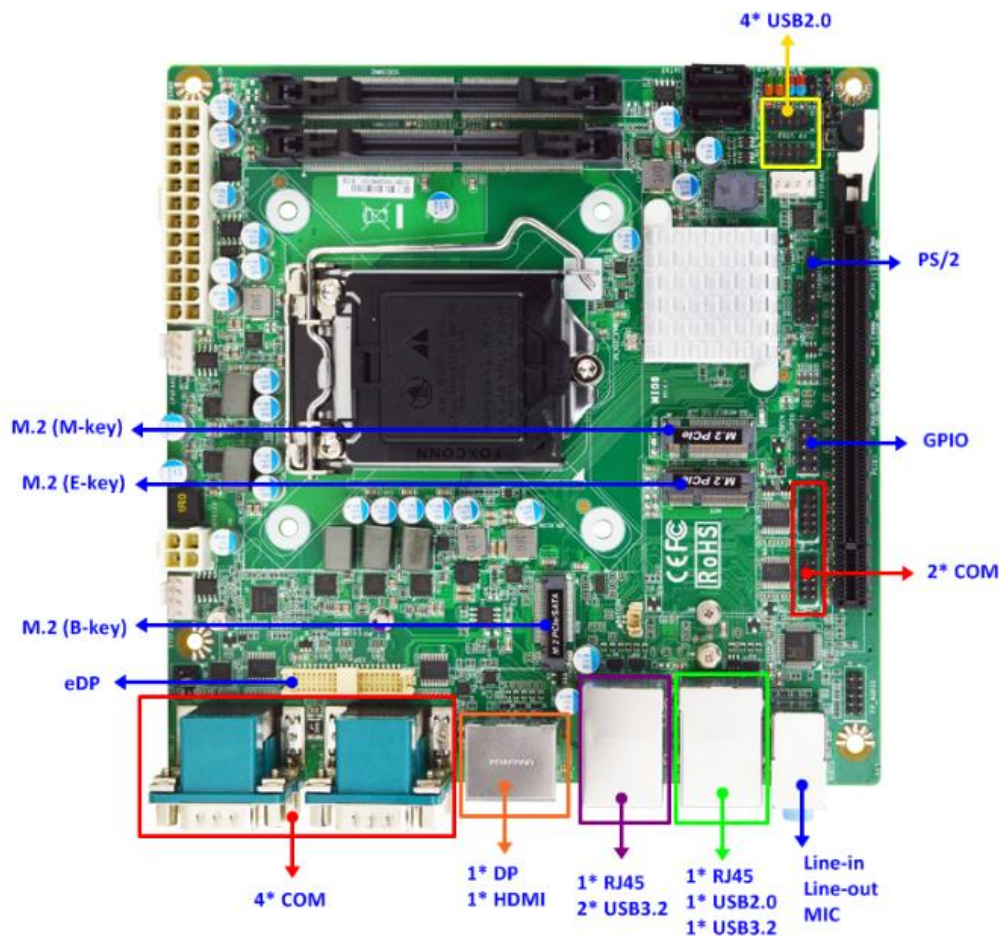
MI08

Mini-ITX Industrial Motherboard / Comet Lake HDMI/DP/eDP / 2 Intel LAN / 3 M.2



Features

1. Long-Life Embedded Industrial Motherboard with Planned Lifecycle Through Q2'2035
2. Supports 10th Gen Intel Comet Lake Processors, LGA1200
3. Supports up to 2 Displays, HDMI, DP, eDP
4. Supports DDR4 SODIMM up to 64GB Total
5. 2 * SATA3, M.2 SATA/PCIE3.0 x2 NVME 2242/2280
6. PCI Express 3.0 x16
7. M.2 2230 (WIFI, CNVI), M.2 3042/3052 with SIM Slot
8. Dual Intel Gigabit LAN, HD Audio, 6 * Serial Ports
9. 3 * USB 3.2 Gen1, 5 * USB 2.0
10. Watchdog Timer, 8bit GPIO, Optional TPM 2.0
11. 24pin ATX + 4pin ATX_12V Power Connectors
12. Mini-ITX Form Factor (170mm x 170mm)



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| Model / Series | <ul style="list-style-type: none"> MI08 |
| Part No | <ul style="list-style-type: none"> MI08-00 MI08-02 (TPM 2.0) |
| Processor | <ul style="list-style-type: none"> Supports 10th Gen Intel Core i3, i5, i7, i9 processors up to 65W, LGA1200, Comet Lake |
| Chipset | <ul style="list-style-type: none"> H410 |
| Video | <ul style="list-style-type: none"> Intel HD Graphics |
| Memory | <ul style="list-style-type: none"> 2 * 260-pin SO-DIMM slot supporting DDR4-2933 up to 64GB total (depends on CPU) |
| Expansion Slots | <ul style="list-style-type: none"> PCI Express 3.0 x16 Slot M.2 E-Key 2230 (for WIFI, CNVI) M.2 B-key 3042/3052 with SIM card slot |
| Storage | <ul style="list-style-type: none"> 2 * SATA3 6Gb/s ports M.2 M-key SATA3 or PCIE 3.0 x2 NVME, 2242/2280 |
| Audio | <ul style="list-style-type: none"> Realtek HD Audio |
| Network | <ul style="list-style-type: none"> 1 * Intel i211-AT Gigabit LAN, 1 * Intel i219-V Gigabit LAN |
| Other Features | <ul style="list-style-type: none"> Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec, Optional TPM 2.0 |
| Rear Panel I/O | <ul style="list-style-type: none"> 3 * USB 3.2 Gen1 (5Gb/s) ports, 1 USB 2.0 port, 2 * RJ-45 ports 4 * Serial ports (3 * RS232, 1 * RS232/422/485) 1 * HDMI 4K @30Hz 1 * Displayport 4K @60Hz 3 * Audio Jack (Line Out, Mic, Line-out) |
| Internal I/O | <ul style="list-style-type: none"> 2 * USB Headers for 4 * USB 2.0 Ports 1 * eDP 4K @60Hz 1 * AT/ATX power switch mode select jumper, PS/2 Combo header SMBUS Header, 8-bit GPIO Header, Chassis Intrusion Header 24pin ATX + 4pin ATX_12V power connectors |
| BIOS | <ul style="list-style-type: none"> AMI UEFI Flash ROM with Intel PTT (TPM2 emulation) |
| Box Contents | <ul style="list-style-type: none"> MI08 Motherboard, I/O Shield |
| Certification | <ul style="list-style-type: none"> CE, FCC, RoHS, ErP/EuP |
| Temperature | <ul style="list-style-type: none"> Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C |
| Form Factor | <ul style="list-style-type: none"> Mini-ITX Form Factor (170mm x 170mm) |
| Warranty | <ul style="list-style-type: none"> 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

