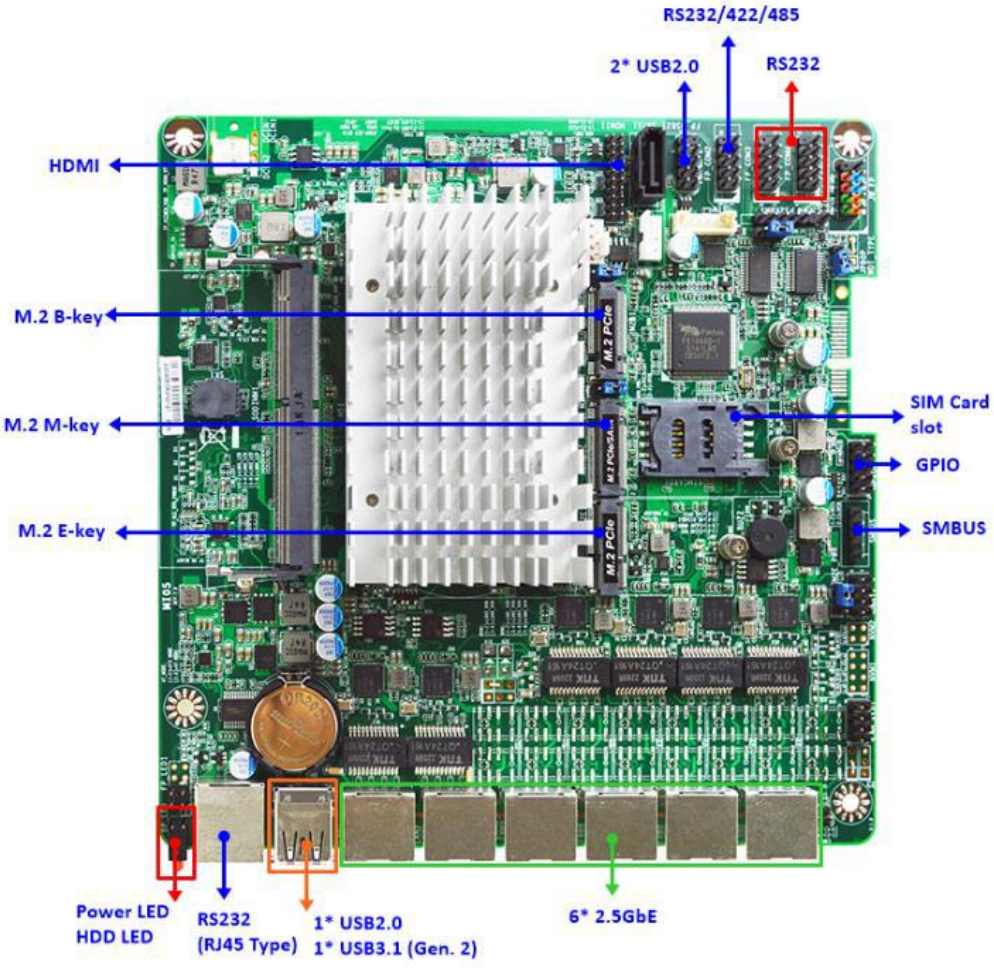
MI05

Thin Mini-ITX Industrial Networking Motherboard
6 Intel 2.5GBE LAN / 3 COM / M.2 / 12V



Features

1. Industrial Embedded Motherboard with Planned Lifecycle Through Q1'2036
2. Intel Celeron J6412 Quad-Core, Elkhart Lake Platform
3. 1 * DDR4-3200 slot supporting up to 32GB Total
4. 6 *Intel 2.5GbE LAN, HDMI Header (with cable)
5. 1 * SATA3 6Gb/s Port, M.2 SATA/PCIE 3.0 x2 NVME 2242
6. M.2 3042 for Cellular, SIM Card Holder, M.2 2230 for WIFI
7. 1 * USB 3.2 Gen2, 3 * USB 2.0, 8bit GPIO
8. SMBus, PS2 Header
9. 3 * Serial Ports, Watchdog Timer, AT/ATX Power Mode
10. 12V 2-pin Internal Power Connector
11. Includes Alternate 2-pin power cable to DC-in jack
12. Compatible with Windows 10/11 64bit, UEFI Linux
13. Thin Mini-ITX Form Factor (170mm x 170mm)



Model / Series	■ MI05
Part No	■ MI05-00 ■ MI05-04 (64GB EMMC) ■ MI05-08 (64GB EMMC, TPM 2.0)
Processor	■ Intel Celeron J6412 Quad-Core, Elkhart Lake Platform
Chipset	■ SoC
Video	■ Intel HD Graphics
Memory	■ 1 * 260-pin SO-DIMM slot supporting DDR4-3200 up to 32GB total
Expansion Slots	■ M.2 E-key 2230 (USB/PCIE) ■ M.2 B-key 3042 (USB/PCIE) with SIM Card Holder
Storage	■ 1 * SATA3 6Gb/s port ■ M.2 M-key SATA/PCIE 3.0 x2 NVME 2242 ■ OEM Option: 64GB eMMC
Audio	■ No (Intel HDMI audio)
Network	■ 6 * Intel i225/i226-V 2.5GbE LAN
Other Features	■ Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec., TPM optional
Rear Panel I/O	■ 1 * USB 3.2 Gen2 port, 1 * USB 2.0 port ■ 6 * RJ-45 LAN ports ■ 1 * RJ45 Serial/console (RS232)
Internal I/O	■ 1 * USB headers for 2 * USB 2.0 ports ■ 3 * Serial headers (2 * RS232, 1 * RS232/422/485), HDMI header 1080p ■ PS/2 KB/MS header, 8bit GPIO, SMBus, AT/ATX power switch mode ■ 2-pin 12V internal power connector
BIOS	■ AMI Flash ROM
Box Contents	■ MI05 Motherboard, Standard & Low-profile I/O Shields, HDMI cable
Certification	■ CE, FCC, RoHS, ErP/EuP, REACH
Temperature	■ Operating Temperature 0 - 60° C ■ Storage Temperature -20 - 85° C
Form Factor	■ Thin Mini-ITX Form Factor (170mm x 170mm)
Warranty	■ 2 Years Limited Warranty

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

JETWAY
Tech.On The Move

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