

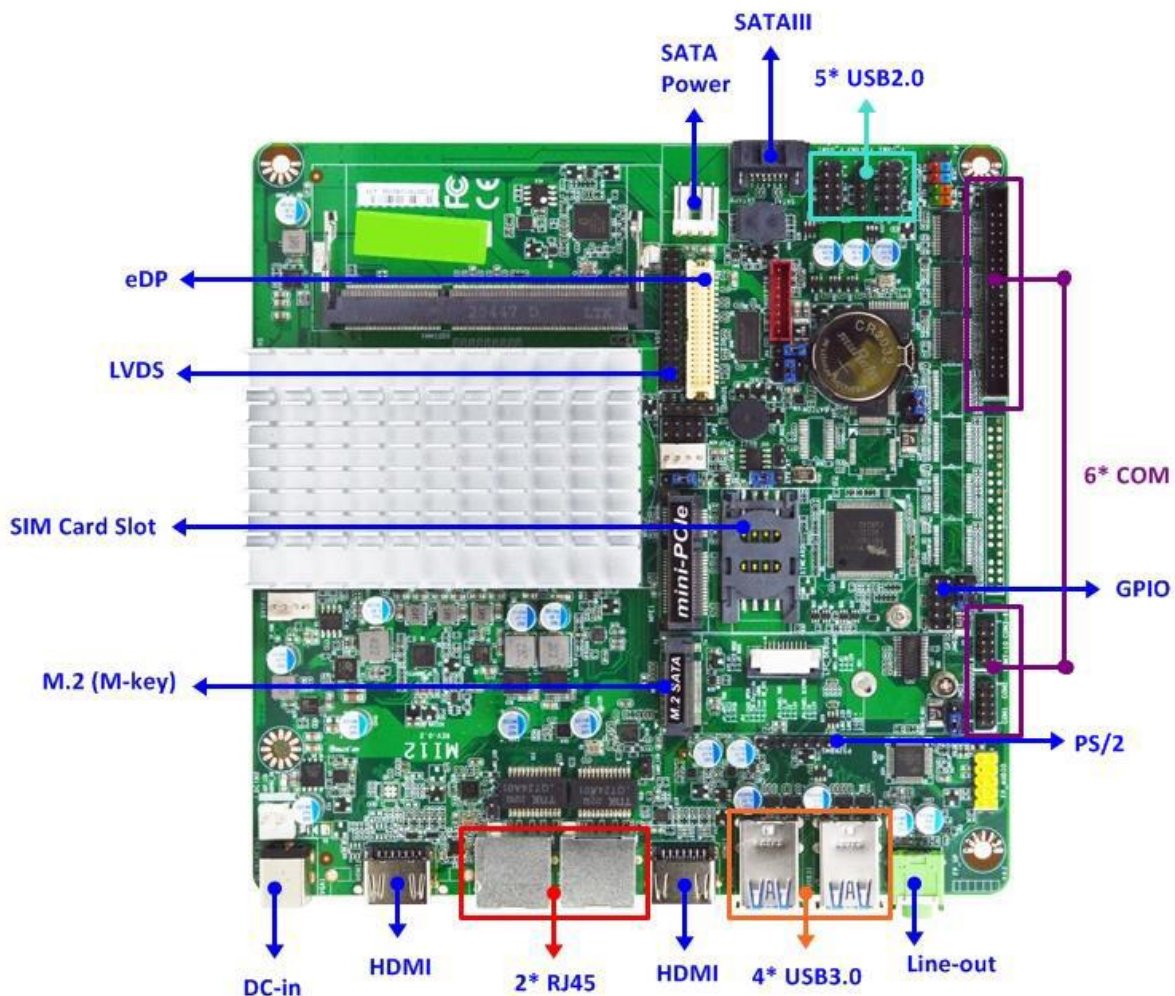
MI12-00C

Thin Mini-ITX Industrial Motherboard / Apollo Lake
2 HDMI / eDP/LVDS / 2 LAN / 6 COM / 12V



Features

1. Industrial Embedded Motherboard with Planned Lifecycle Through Q3'2031
2. Intel Celeron J3455 Quad-Core, Apollo Lake Platform
3. 1 * DDR3L-1866 slots supporting up to 8GB Total
4. 2 *Gigabit LAN, HD Audio
5. Up to 3 Displays: 2 * HDMI, eDP/LVDS
6. 1 * SATA3 6Gb/s Ports, 1 * M.2 SATA 2242/2260
7. 1 * Full-size Mini-PCIE slot (USB), SIM Card Holder
8. 4 * USB 3.0, 5 * USB 2.0, GPIO, Chassis Intrusion, SMBus
9. 6 * Serial Ports, Watchdog Timer, AT/ATX Power Mode
10. 12V DC-in or 2-pin Alternate Internal Power Connector
11. Compatible with Windows 10 64bit, UEFI Linux
12. Thin Mini-ITX Form Factor (170mm x 170mm)



Model / Series	<ul style="list-style-type: none"> MI12
Part No	<ul style="list-style-type: none"> MI12-00C MI12-02C (TPM 2.0)
Processor	<ul style="list-style-type: none"> Intel Celeron J3455 Quad-Core, Apollo Lake Platform
Chipset	<ul style="list-style-type: none"> SoC
Video	<ul style="list-style-type: none"> Intel HD Graphics
Memory	<ul style="list-style-type: none"> 1 * 204-pin SO-DIMM slots supporting DDR3L-1866 up to 8GB total, 1.35V Required
Expansion Slots	<ul style="list-style-type: none"> 1 * Full-size Mini-PCIE slot (USB only) with SIM Card Holder
Storage	<ul style="list-style-type: none"> 1 * SATA3 6Gb/s port 1 * M.2 SATA M-key 2242/2260 OEM Option: 32GB eMMC
Audio	<ul style="list-style-type: none"> C-Media HD audio
Network	<ul style="list-style-type: none"> 2 * Realtek RTL8119H Gigabit LAN
Other Features	<ul style="list-style-type: none"> Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec., TPM optional
Rear Panel I/O	<ul style="list-style-type: none"> 4 * USB 3.2 Gen1, 2 * RJ-45 port 2 * HDMI (4K @30Hz) Line-out 12V DC-in
Internal I/O	<ul style="list-style-type: none"> 3 * USB headers for 5 * USB 2.0 ports eDP/LVDS (select one), AT/ATX power switch mode 6 * Serial headers (5 * RS232, 1 * RS232/422/485) Chassis Intrusion header, PS/2 KB/MS header, 8bit GPIO, SMBus 2-pin 12V Alternate internal power connector
BIOS	<ul style="list-style-type: none"> AMI Flash ROM
Box Contents	<ul style="list-style-type: none"> MI12-00C Motherboard, I/O Shield
Certification	<ul style="list-style-type: none"> CE, FCC, RoHS, ErP/EuP, REACH
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"> Thin 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. Overclocking not supported.



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