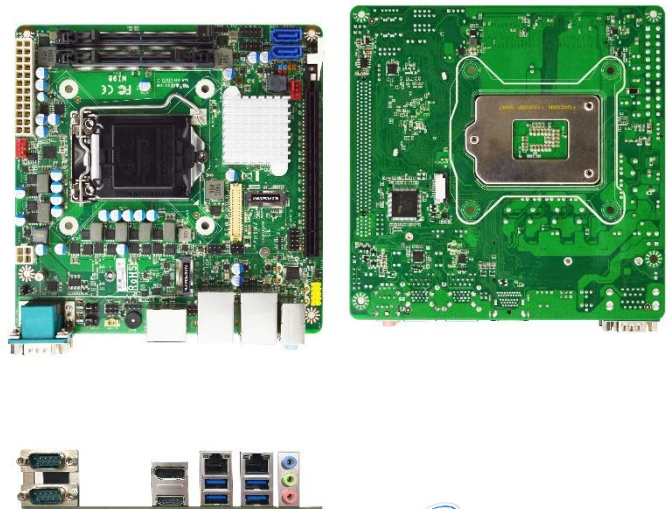




MI98 Series

Support Intel® 8th & 9th Generation Core™ i7/ i5 /i3/Pentium/Celeron LGA1151 Socket Processor, DDR4 SO-DIMM up to 64GB, 1* M.2 (M-key), 1* M.2 (E-key), 2* GbE

1. Support Intel® 8th & 9th Core i3/i5/i7/Pentium Processor
2. 2* DDR4 2666MHz SO-DIMM up to 64GB
3. 2* 10/100/1000 Base-TX Ethernet Ports
4. 1* HDMI, 1* DP, 1* eDP
5. 2* COM, 4* USB3.1 (Gen.1), 4* USB2.0
6. 1* M.2 M-key 2242/2280 support NVMe, 1* M.2 E-key 2230
7. 2* SATA III (6Gb/s)
8. Support ATX PWR
9. 1* PCIe x16 slot
10. Support TPM2.0 (MI98-02)



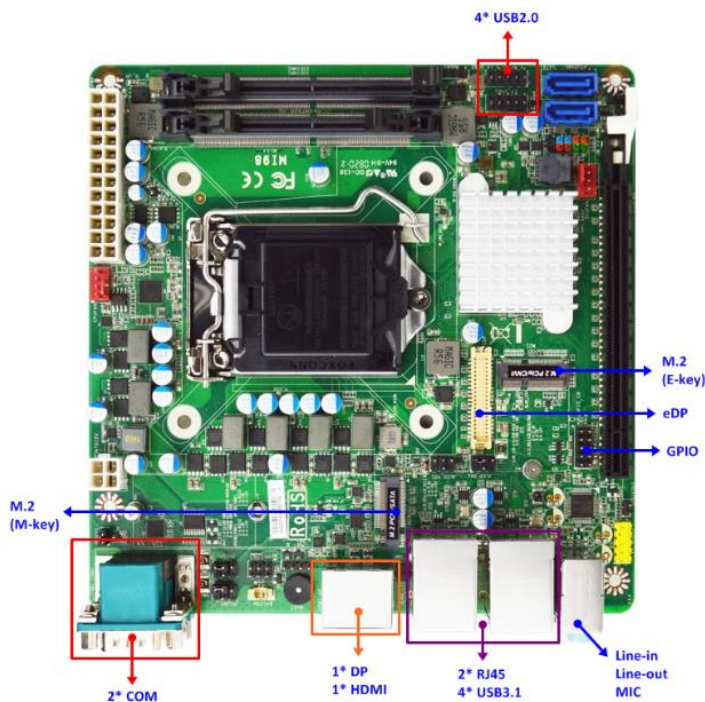
Overview

The JETWAY MI98 Series is Mini ITX form factor board adopts the Intel® 8th & 9th Core i3/i5/i7/Pentium/Celeron Processor & H310 Chipset. The board supports two SO-DIMM DDR4 2666Mhz memory, up to 64GB. Featuring the integrated Intel® & Realtek Gigabit Ethernet controller, the MI98 offers two 10/100/1000Base-TX Ethernet device for network transmission. Two SATAIII (6Gb/s) interface and one M.2 M-key offer storage devices. Four USB3.1 Gen.1 ports, Four USB2.0 ports and two COM ports provide versatile expansion. The M.2 E-key 2230 can support WiFi card. The MI98-00 offers one HDMI port, one DP and one eDP port. Because of the above features, MI98 is suitable for Industrial, Automation Solution applications.

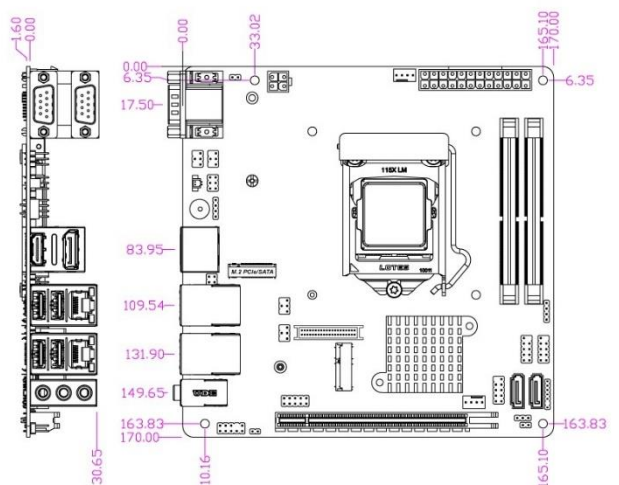
Application

Industrial/Automation Solution

I/O Diagram



Mechanical Drawings (Unit = mm)



Specifications

Model	Form Factor
<ul style="list-style-type: none">MI98-00MI98-02 (Equipped with TPM2.0 model)	Mini ITX (170 * 170mm)
Processor System	Expansion Slot
<ul style="list-style-type: none">Intel® 8th & 9th Core i3/i5/i7/Pentium/Celeron LGA Processor (TDP: 95W)AMI Flash ROM BIOSH310 chipset	1* M.2 E-key (2230) Support USB2.0/PClex1 interface 1* PCIe x16 slot
Memory	Graphics
2* SO-DIMM DDR4 2666MHz Dual CH SDRAM non-ECC up to 64GB	<ul style="list-style-type: none">Intel® HD Graphics, shared memory1* eDP (Max Resolution: 4096x2304@60Hz)1* DP (Max Resolution: 4096 x 2304@60Hz)1* HDMI (Max Resolution: 4096x2160@30Hz)
Ethernet	Audio
2* GbE (1*Intel i219V, 1* Realtek 8111H)	6 channel HD audio: Realtek® ALC662
Storage	Integrated Storage
<ul style="list-style-type: none">2* SATAIII1* M.2 (M-key, 2242/2280. SATA with PCIe x4 interface support NVMe)	N/A
Rear I/O	Internal Connector
<ul style="list-style-type: none">4* USB3.1 (Gen1)1* HDMI1* DP2* RJ452* COM (COM1 support RS232/422/485)Line-in/Line-out/MIC	<ul style="list-style-type: none">4* USB2.01* eDP2* SATAIII1* GPIO (8 bit)1* Audio Header1* SMBUS1* PS/21* CPU FAN1* TPM2.0 onboard (MI98-02)
Watchdog Timer	Power
<ul style="list-style-type: none">From Super I/O to drag RESETCON#256 segments (10sec ~ 255min)	AT/ATX mode Supported - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
Compliance	Temperature
CE, FCC, LVD, RoHS, REACH	<ul style="list-style-type: none">Operating: 0°C ~ 60°CStorage: -40°C ~ 85°CHumidity: 10% ~ 90% RH @40°C (non-condensing)
Warranty	
2 Years Limited Warranty	

* Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

Accessories

Parts Number	Description	Parts Number	Description
-----	MI98 Series M/B	F04-MB-052-1F	I/O shield