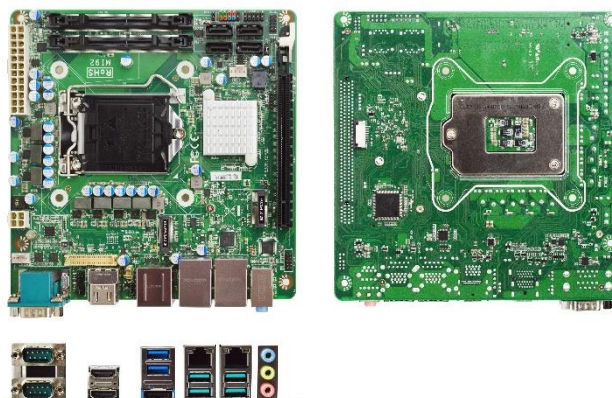


MI92 Series

Mini-ITX Embedded Motherboard, 10th Generation Intel® Core™ i7/ i5 /i3, Pentium® LGA1200 Socket Processor, Max. 65W TDPs

1. Intel® 10th LGA1200 Socket Processor (Max. 65W TDP)
2. 2* DDR4 2666/2400MHz SO-DIMM up to 32 GB
3. 2* 10/100/1000 Base-TX Ethernet Ports
4. 2* HDMI, 1* DP, 1* eDP
5. 2* COM (support RS232/422/485), 4* USB3.1 Gen.2, 2* USB3.1 Gen.1 & 2* USB2.0
6. 1* PCIe x16 slot, 1* M.2 M-key 2242/2280 (SATA/PCIe x4) support NVMe, 1* M.2 E-key 2230 (PCIe x1/USB2.0) support CNVio
7. 4* SATA III (6Gb/s) support RAID 0, 1, 5, 10
8. Support onboard TPM 2.0 (MI92-12 only)



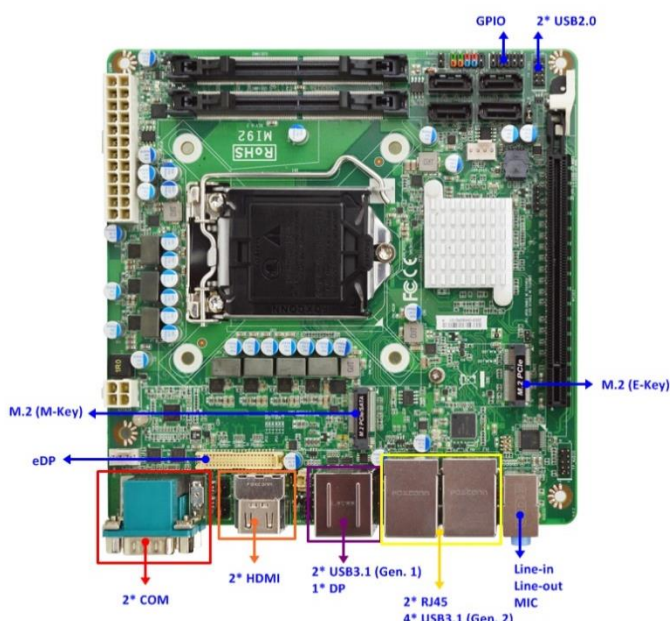
Overview

The JETWAY MI92-10/MI92-12 is Mini-ITX form factor board adopts the Intel® 10th generation Core i7/i5/i3, Pentium and Celeron Processor. The board supports two SO-DIMM DDR4 2666Mhz memory, up to 32GB. Featuring the integrated Intel® Gigabit Ethernet controller, the MI92-10/MI92-12 offers two 10/100/1000Base-TX Ethernet devices for network transmission. Four SATAIII (6Gb/s) interface and one M.2 M-key 2242/2280 (SATA/PCIex4) support NVMe offer storage devices. One M.2 E-key 2230 (PCIex1/USB2.0) support CNVio, four USB3.1 Gen.2 ports, two USB3.1 Gen.1 ports, two USB2.0 ports and two COM port provide versatile expansion. The PCIe16 slot can support Jetway riser card for different expansion. The MI92-10/MI92-12 offers two HDMI1.4 port, one DP1.4 port and one eDP port which can support 3 independent displays. Because of the above features, MI92-10/MI92-12 is suitable for Digital Signage, Industrial PCs, Factory Automation, Public Sector, Digital Security and Surveillance applications.

Application

Digital Signage / Industrial PCs / Factory Automation / Public Sector / Digital Security / Surveillance

I/O Diagram



Mechanical Drawings (Unit = mm)

Specifications

Model • MI92-10 • MI92-12 (Onboard TPM2.0)	Form Factor Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)
Processor System • Intel® 10th LGA 1200 Socket Core i7/i5/i3/Pentium/Celeron Processor (Max. 65W TDP) • Intel Q470E Express chipset • AMI 128Mb Flash ROM BIOS	Expansion Slot • 1* E-key 2230 (PCIex1/USB2.0) support CNVio • 1* PCIex16 slot
Memory 2* Dual CH non-ECC DDR4 2666/2400MHz SDRAM SO-DIMM up to 32GB	Graphics • Intel® HD Graphics, shared memory • 1* eDP (Max Resolution: 4096x2304@60Hz) • 2* HDMI 1.4 (Max Resolution: 4096x2160@30Hz) • 1* DP (Max Resolution: 4096x2304@60Hz) • Support Triple Displays
Ethernet 1 * Intel i219LM & 1 * Intel i211AT GbE	Audio 6 channel HD audio: Realtek ALC662VD
Storage 4* SATAIII support RAID 0, 1, 5, 10 1* M-key 2242/2280 (SATA/PCIex4) support NVMe	Rear I/O • 2* HDMI • 1* DP • 2* RJ45 Ethernet • 4* USB 3.1 (Gen. 2) & 2* USB3.1 (Gen. 1) • Line-in, Line-out, MIC • 2* COM (COM 1/2 support RS232/422/485)
Internal Connector • 2* USB 2.0 • 1* eDP • 4* SATAIII • 1* M-key 2242/2280 (SATA/PCIex4) support NVMe • 1* E-key 2230 (PCIex1/USB2.0) support CNVio • 1* GPIO (8 bit) • 1* PS/2 • 1* Chassis intrusion • 1* Audio Header • 1* SMBUS • 1* AT mode • Support onboard TPM2.0 (MI92-12)	Watchdog Timer • From Super I/O to drag RESETCON# • 256 segments (10sec ~ 255min)
Power ATX PWR (4+24 pin), AT/ATX Supported - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready	Compliance CE, FCC, LVD, RoHS, REACH
Temperature • Operating: 0°C ~ 60°C • Storage: -20°C ~ 85°C • Humidity: 10% ~ 90% RH @40°C (non-condensing)	OS Support Windows 10, Linux
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
-----	MI92-10 / MI92-12 M/B		
	MI92 I/O shield		