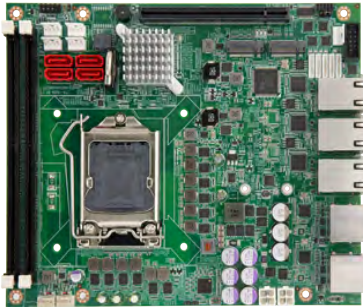




ITX-i92QA

10th Gen Intel® Xeon / Core™ Processor Embedded Mini-ITX motherboard



Features

- Supports Intel® LGA1200 10th Gen. Xeon W / Core i3/ i5/ i7/ i9 Processor
- Six Gigabit Ethernet ports
- Four Serial ATA ports and two M.2 M key sockets
- Two HDMI port
- Three RS-232 ports and two RS-232/422/485 ports
- Four USB 3.0 and two USB 2.0

Mainboard & Chassis

System

CPU	Support Intel® 10 th Generation Xeon W/ Core i3/ i5/ i7/ i9 processors in LGA1200 socket
Chipset	Intel PCH W480E
Form Factor	Wide Mini-ITX mother board
Memory	2 x DDR4 DIMM sockets support ECC
BIOS	AMI BIOS
Watchdog Timer	1~255 levels reset

I/O

USB Port	4 x USB 3.0/2.0 ports; 2 x USB 2.0 ports
Serial Port	3 x RS-232 ports; 2 x RS-232/422/485 ports
Expansion	1 x PCIe16 slot, support SCDB-3297; 1 x PCIe8 + 2x PCIe4 lanes Riser Card
Storage	4 x Serial ATA port with 600MB/s, (supports RAID 0,1,5,10) 2 x M.2 2280 M-key (Gen3x4, supports NVMe SSD)
LAN	5 x Intel i210AT GbE controllers, 1 x Intel i219LM PHY with iAMT

Display

Graphic Chipset	Integrated Intel® UHD Graphics
Graphic Interface	2 x HDMI 2.0 port

OS Support

Windows 10 64-bit
Linux Ubuntu

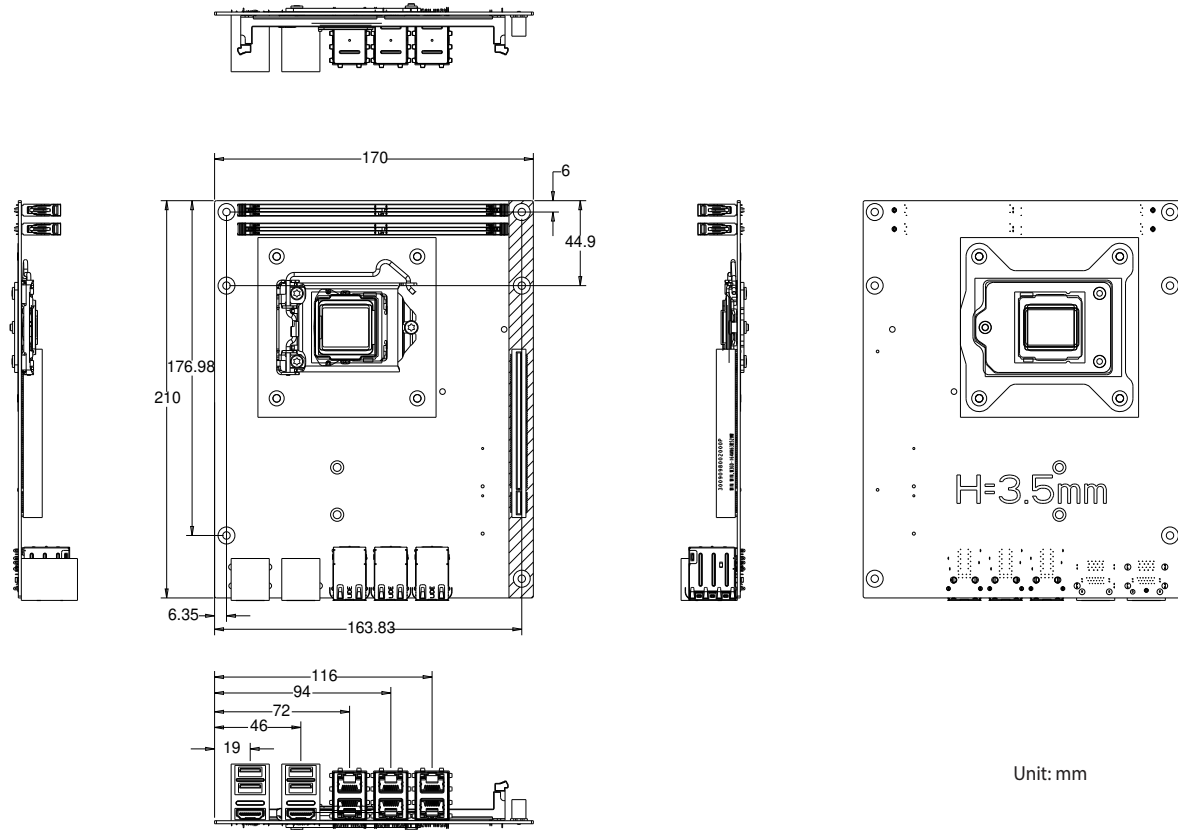
Mechanical & Environmental

Power Requirement	Wide range DC input 9 ~ 36V, supports ATX 4-pin
Power Consumption	2.98A@12V (w/ i5-10500TE)
Operating Temp.	0 ~ 60°C (32 ~ 140°F)
Operating Humidity	10 ~ 95% @ 60°C (non-condensing)
Dimensions (L x W)	170 x 210 mm (6.7" x 8.3")

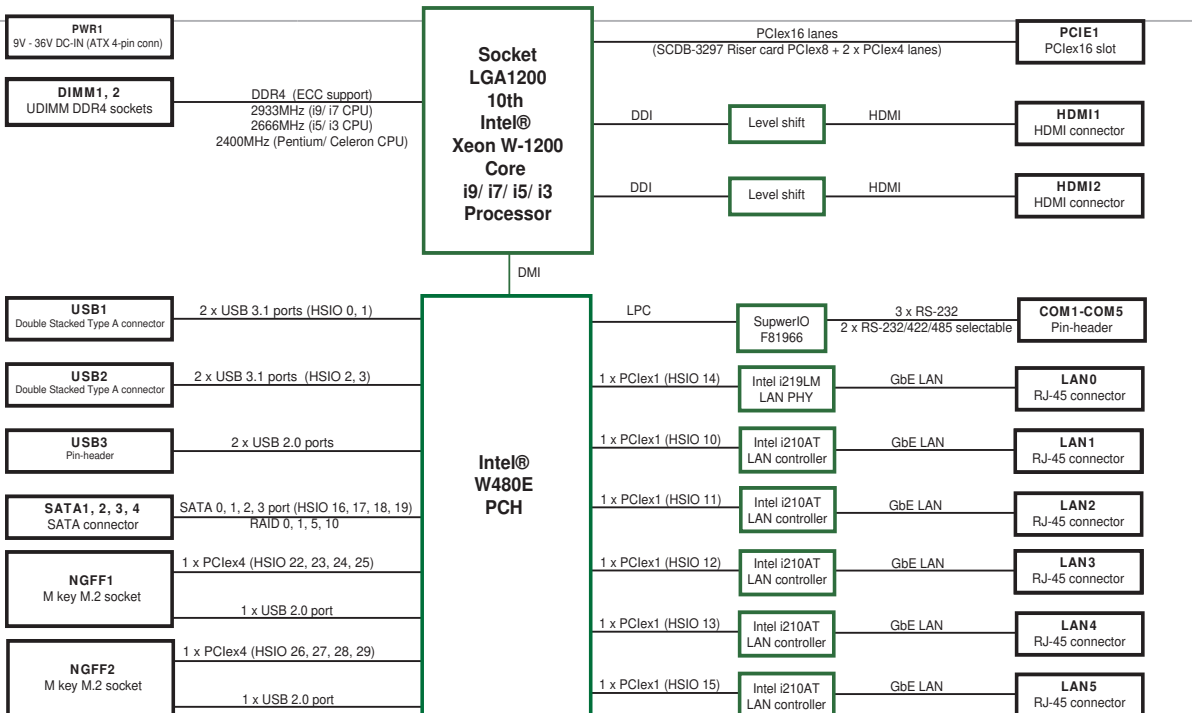




Dimensions



Block Diagram



Last update: 10/4/2023

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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