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® 10th 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 PCIex16 slot, support SCDB-3297; 1 x PCIex8 + 2x PCIex4 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 Linex 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 ~ 140ºF)
Operating Humidity	10 ~ 95% @ 60°C (non-condensing)
Dimensions (L x W)	170 x 210 mm (6.7" x 8.3")

All specifications are subject to change without notice.

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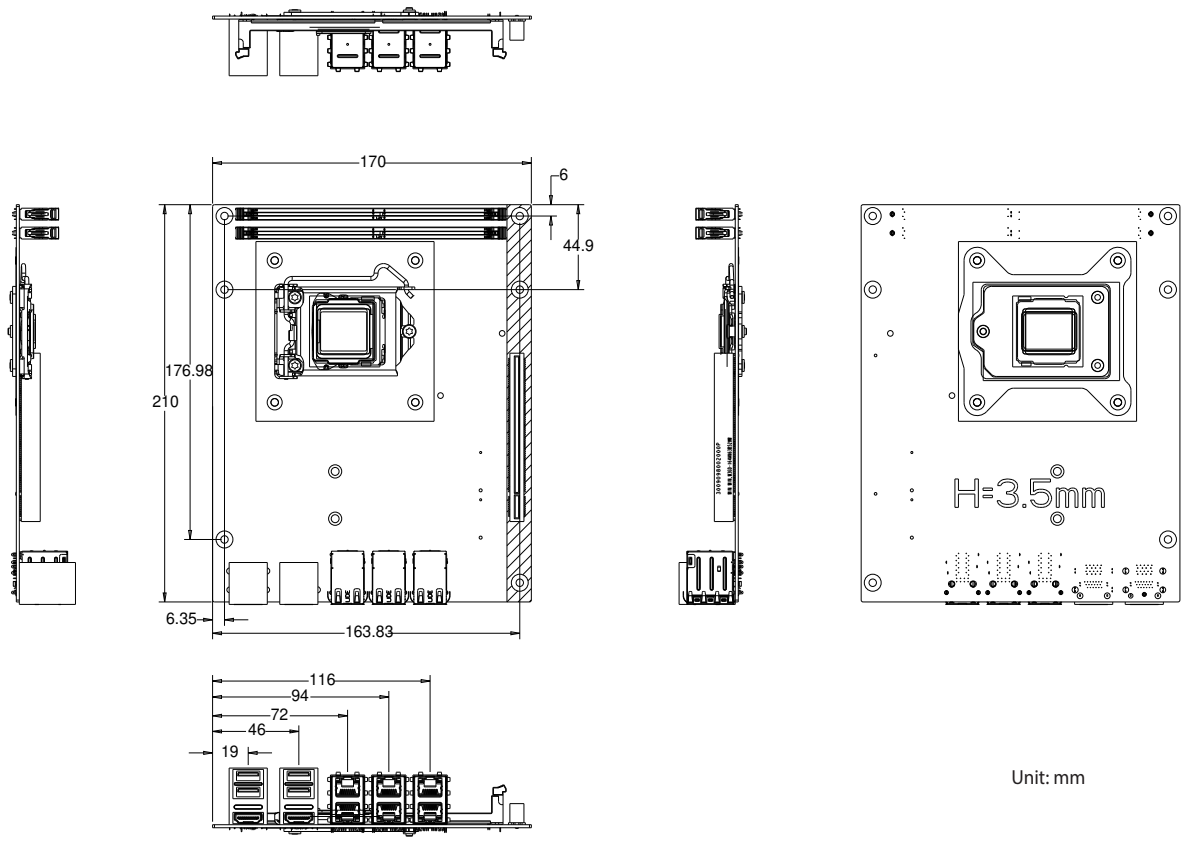
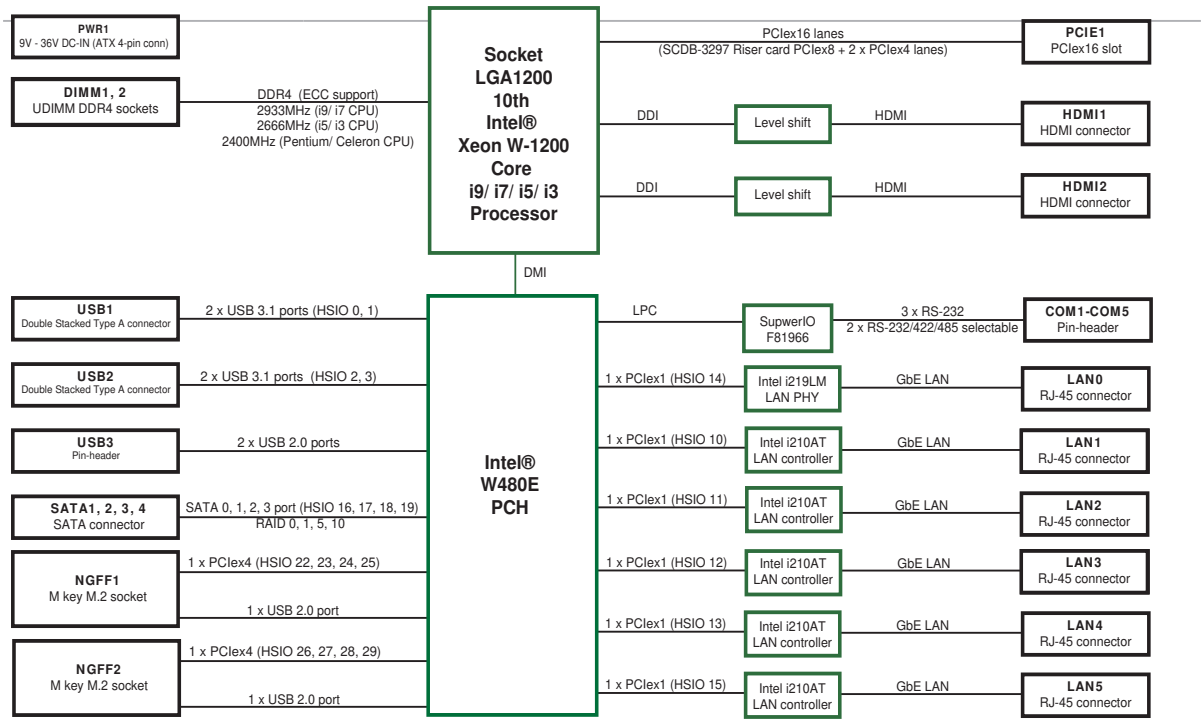
Dimensions



Unit: mm

Block Diagram



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