



Main Features

- Intel® Xeon® E-2100 Processor, Intel® Xeon® E-2200 Processor
- Up to 128GB Unbuffered ECC UDIMM, DDR4- 2666MHz, in 4 DIMM slots
- Single Socket LGA-1151 (Socket H4) supported, CPU TDP support Up to 95W TDP
- Intel® C242 controller for 6 SATA3 (6 Gbps) ports; RAID 0, 1, 5, 10
- 1 x VGA display support
- Quad LAN with Intel® Ethernet Controller I210-AT
- 4 USB 2.0 ports (2 rear + 2 via headers), 5 USB 3.1 ports (2 rears + 2 via headers + 1 Type A)
- 1 PCI-E 3.0 x16
- M.2 Interface: 1 PCI-E 3.0 x4 Form Factor: 2280/22110 Key: Key M, Double Height Connector
- IPMI2.0, NMI, SPM, SSM, SUM, SuperDoctor® 5, Watchdog
- 1U ATX power module
- ACPI Power Management

Product Overview

The AIGE-9001-Xeon1 features as wall mount ruggedized PC chassis. It was designed to build-in industrial ATX motherboard. It equipped with Intel® Xeon® E-2100 Processor, Intel® Xeon® E-2200 Processor to Support 95W Max and Intel® C242 chipset. It comes with four DDR4 UDIMM socket up to 128GB DDR4. AIGE-9001-Xeon1 operates temperature range from 0°C to 50°C. This is aimed at embedded applications for outdoor or semi-outdoor environment. Such as CNC, Compact machine controller, AOI with GPU card, Testing Equipment, AI with VPU & GPU 3D Image builder, outdoor systems installed in harsh environments, home automation and thin clients, etc.

Specifications

CPU/Chipset

- Intel® Xeon® E-2100 Processor, Intel® Xeon® E-2200 Processor
- Intel® C242 Chipset

Main Memory

- Up to 128GB Unbuffered ECC UDIMM, DDR4- 2666MHz, in 4 DIMM slots

BIOS

- UEFI 256Mb

Display

- 1 x VGA display support
- Aspeed AST2500 BMC

System

- 1 x AT or ATX select jumper

Storage

- 6 x SATA III (6.0Gb/s) ports, support RAID 0/1/5/10
- M.2 Interface: 1 PCI-E 3.0 x4 Form Factor: 2280/22110 Key: Key M

Expansion Slot

- 1 PCI-E 3.0 x16

Front I/O

- Power status LED
- Power switch
- 2 x USB2.0
- 8 cm Chassis Fan
- 1x 3.5" or 1x 2.5" drive bay

Rear I/O

- 1 x VGA
- 2 x USB2.0, 2 x USB3.1
- 4 x RJ45 (Intel® I 210AT Giga LAN chip)
- 1 x RJ45 Console port

Internal I/O

- 2 x USB3.1 headers 1 x USB3.1 Type A

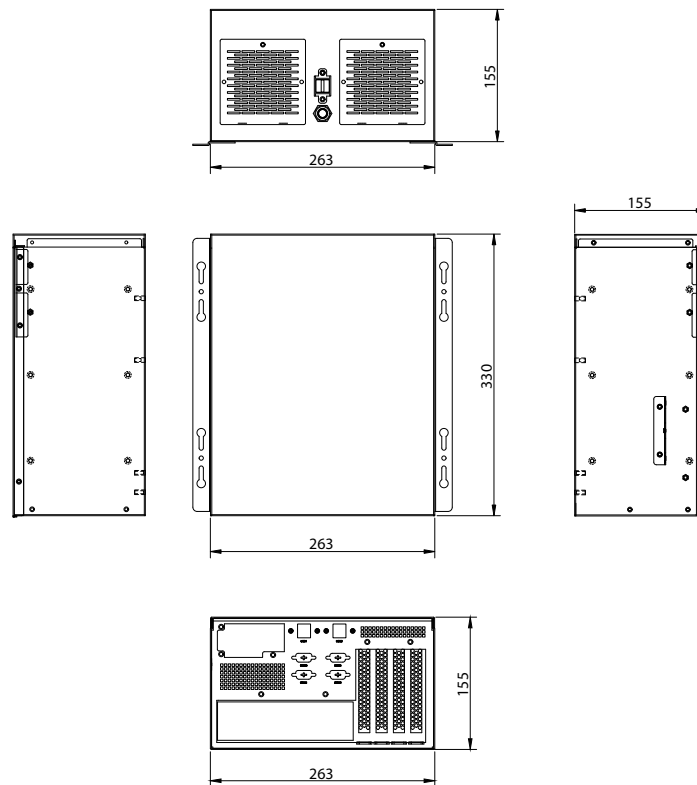
Power Requirement

- 1x AC input, 110 to 264AC input, ATX output
- 1U ATX power supply

Mounting

- Wall Mount

Dimension



Dimensions

- 330mm(W) x 155mm (H) x 263mm (D) without wall mount bracket
- Weight: 8 kg
- Chassis Color: White

OS support

- Windows 10
- Linux

Environment

- Board level operation temperature : 0°C to 50°C
- Storage temperature : -20°C to 60°C
- Relative humidity:
 - 10% to 85% (operating, non-condensing)
 - 5% to 95% (non-operating, non-condensing)

Certifications

- Meet CE/FCC Class A

Ordering Information

- ♦ **AIGE-9001-Xeon1 (P/N: 10U4P813S00XC)**
 - Standard wall mount chassis S34W
 - CPU: E2134
 - Memory: DDR4 8G 2400/ M4CI-8GS1LC0K-CXGX
 - SSD: Phison 2.5' 128G BICS5 (0 to 70°C) S11
 - CPU Fan: Cool Master I50 FAN
 - MB: X11SCL-LN4F-O
 - Power: HK400-92FP/300W