



MCS-44

MARINE CERTIFIED SERVER

- IEC 60945, DNV 2.4. IAC-E10 certified Marine Server/ Computer
- Extreme performance
- Industrial Chassis
- Single Socket R (LGA 2011) supports Intel® Xeon® E5-2600/1600 Series, Intel® Core i7 Extreme / Performance

Specifications

Computer

- Industrial long life Serverboard, Supermicro X9SRA
- CPU: Intel® Xeon® processor E5-2600/E5-1600 family (up to 8 cores and up to 150W), Intel® Core i7 Extreme / Performance LGA 2011 processors
- w/ Non-ECC UDIMM only
- Chipset: Intel® C602 chipset
- Memory: 8x 240-pin DDR3 DIMM sockets
- Supports up to 256 GB DDR3 ECC Registered memory (RDIMM)
- Supports up to 64 GB DDR3 ECC and non-ECC UDIMM
- Audio: RealTek ALC889 7.1 High Definition Audio with S/PDIF header

Storage

- HDD: Optional 24/7 wide temperature (2,5")
- SSD: Optional SLC wide temperature

Display

- Optional VGA/DVI/HDMI card R81KLC-PI3 HD5450
- Optional VGA/DVI/HDMI card ER91FLA AMD E6460
- Optional VGA/DVI/HDMI card ER93F-PIP E6470

Ethernet Interface

- Intel® Intel® 82579LM
- Intel® 82574L
- Optional Intel Single/Dual network server adapter Intel Pro 1000 PT
- Optional Intel network adapter Intel Pro 1000GT
- Optional Intel network adapter Intel i350-T2

- Intel® C602 chipset
- Up to 256GB RDIMM or 64GB UDIMM DDR3 up to 1600MHz Memory
- Expansion slots: 2 x16 PCI-E 3.0, 1 x4 PCI-E 3.0 (in x8), 1 x4 PCI-E 2.0 (in x8), 1 PCI-32

Environmental

- Operating temperature -15°C to +55°C
- Storage temperature -20°C to +70°C
- Humidity up to 95%

I/O Interface

- SATA/SAS 2.0 Ports Eight (8)
- 3 Gb/s RAID 0, 1, 10 (via SCU)
- SATA 3.0 Ports Two (2)
- 6 Gb/s RAID 0, 1, 5, 10 (via AHCI)
- SATA 2.0 Ports Four (4)
- 3 Gb/s RAID 0, 1, 5, 10 (via AHCI)
- Eight (8) USB 2.0 ports on the rear I/O panel
- Six (6) USB 2.0 headers for front panel access
- Two (2) USB 3.0 (5Gb/s) headers for front panel access
- Two (2) USB 3.0 (5Gb/s) ports on the rear I/O panel
- One (1) PS/2 KB/Mouse combo port on the I/O backpanel
- Two (2) Fast UART 16550 connections on two headers
- (COM1 & COM2)
- Winbond Super I/O NCT6776F

Regulatory Approvals

- IEC 60945
- DNV 2.4
- CE

Warranty

- 1 Year (standard)
- 3 years (optional)

Note: All specifications are subject to change without prior notice.

CAPTEC

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