

QSSC-580S

2 U Rackmount Server

Main Features



- ♦ **Dual Intel® Xeon® 5100/5300; 5200/ 5400**
- ♦ **Socket LGA771**
- ♦ **1066/1333 MHz FSB**
- ♦ **Intel® 5000P(Blackford) + ESB2-E**
- ♦ **DDR2, 533/667, ECC Reg. Fully Buffered**
- ♦ **AST2000 embedded VGA w/8MB DDR2 Video Memory**
- ♦ **KVM over IP**

Specifications

Industry Rackmount

- ♦ 2U

Dimension (WxHxD/ inch)

- ♦ 17.5" x 3.5" x 27"

Optical Disk Drive

- ♦ Slim DVD-Combo x 1

3.5" HDD Bays

- ♦ 8 x SAS/SATAII HotSwap

Front I/O

- ♦ USB (v2.0) x 2

Rear I/O

- ♦ PS/2 x 2 (Keyboard x 1, Mouse x 1)
- ♦ COM (DB-9) x 1
- ♦ VGA (DB-15) x 1
- ♦ USB (v2.0) x 2, RJ-45 x 3

Power Supply (1+1)

- ♦ Redundant 600W AC power supply w/PFC

System Cooling

- ♦ Axial Fan x4 (3 for CPU, 1 for PCI)
- ♦ Heatsink

M/B Form Factor

- ♦ 12" x 13" (SSI EEB)

Processor Support / Number (Max) / Type

- ♦ Dual Intel® Xeon®
- ♦ 5100/5300; 5200/ 5400

Socket

- ♦ LGA771

System Bus (FSB)

- ♦ 1066/1333 MHz

Chipset

- ♦ Intel® 5000P(Blackford) + ESB2-E

Memory Support Type

- ♦ DDR2, 533/667, ECC Reg. Fully Buffered

Memory Slots / Capacity (Max)

- ♦ 8 x 240pin DIMM, 4 channels
- ♦ Max 32 GB for dual channel

Total PCI Slots

- ♦ 3



QSSC-580S

2 U Rackmount Server

Specifications



PCI Expansion

- PCI-E (x16) (Full Height) slot x 1 (w/ PCI-E x8 speed)
- PCI-E (x8) (Full Height) slot x 2

Integrated Graphics (Video)

- AST2000 embedded VGA w/8MB DDR2 Video Memory

Integrated LAN

- Intel® Dual Gigabit Ethernet connections
- Aspeed AST2000 (dedicate for IPMI)

Number of LAN Ports

- 3

LAN Specification

- 10/100/1000 BASE-TX x 2
- 10/100 BASE-TX x 1

SAS controller

- LSI 1068E SAS 3.0 Gb/s

SATA controller

- Intel® ESB2-E SATAII 3.0 Gb/s

IDE (PATA)

- 1 channel

CF card

- Yes

RAID Function Support

- SATA: SW RAID 0,1,10
- SAS: SW RAID 0,1, 1E
- RAID 5 Support (optional)

KVM over IP

- AST2000

ROHS

- Yes

Server Management Support

- IPMI v2.0

Ordering Information

