

RR-1754

XEON SEABURG ALUMINUM SHORT DEPTH
1U RUGGED RACKMOUNT



Rave engineers our standard systems to meet MIL SPEC certifications and to be flexible in design. Our expertise reflects our commitment to become a member of your team and assist to engineer a solution that meets custom hardware requirements.

Features

- Ruggedized for Shock and Vibration:
 - Shock MIL-S-901D
 - Vibration MIL-STD-167-1
- Short Depth (19.25") and Light Weight (15 lb) Aluminum Chassis
- Quad & Dual Core Intel® 64-bit Xeon® Processors, 5400 Seaburg Chipset
- Two 2.5" Hot Swap Removeable Disk Drives
- Support for 16x2 LCD Module
- Two PCI-Express x8 Slots

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MOTHERBOARD

Supermicro X7DWU with Intel 5400 (Seaburg) Chipset

PROCESSOR

Dual 771-pin LGA Sockets Quad-Core & Dual-Core Intel 64-bit Xeon
Supports 1600/1333/1066/667MHz FSB

SYSTEM MEMORY

Eight 240-pin DIMM sockets
Supports up to 64GB 800/667/533MHz DDR2 ECC FB-DIMM Memory

EXPANSION SLOTS

Two PCI-Express x8 Slots

ONBOARD GRAPHICS

ATI ES1000 32MB Video Controller

STANDARD INTERFACES

Intel® 82575EB Dual-port Gigabit Ethernet Controller w/ IOAT
Six SATA 3.0 Ports from Intel ESB2
Single EIDE channel supports up to two UDMA IDE device
Four USB 2.0 Ports (two on front panel, two at rear)
One Fast UART 16550 Serial Port
Two PS/2 Ports

FRONT ACCESSIBLE STORAGE

Slim DVD-RW Drive
Two 2.5" Bays for Hot Swap Removable Disk Drives

OPERATING SYSTEM

Microsoft Windows Compatible
Linux Compatible

CHASSIS

Form Factor: 1U
Physical Size: 19.0"W x 1.75"H x 19.25"D
Weight: Under 15 lb
Cooling Fans: Four 40mm System Fans

POWER SUPPLY

Single 350 Watt High Efficiency

ENVIRONMENT

Minimum Operating Temp.: 10° C (50° F)
Max Operating Temp.: 40° C (104° F)
Humidity: Designed to meet 10%-85% non-condensing
Max Operating Altitude: Designed to meet 10,000 ft
Max Non-Operating Altitude: Designed to meet 40,000 ft