

RR-2750

RUGGED RACKMOUNT QUAD & DUAL CORE INTEL XEON



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 2U Designed to Meet Several MIL SPEC Standards
- Quad & Dual Core Intel 64-bit Xeon Support, 667 / 1066 / 1333MHz FSB
- Four Exposed 3.5" Bays for SATA 3.0 Disk Drives
- One 5.25" Drive Bay for Tape Drive, DVD, CD, or SAS/SATA Disk Drive
- Optional Power Supply Tested for 400Hz Operation
- Optional 600W Dual Hot-Swappable Redundant Power Supply (N+1)

RAVE
WAVE
COMPUTER

RR-2750

RUGGED RACKMOUNT QUAD & DUAL CORE INTEL XEON

MOTHERBOARD

Supermicro X7DBE with Intel 5000P Chipset

PROCESSOR

Supports up to two Intel 64-bit Xeon processor(s) of the same type below:

- Quad-Core Intel Xeon Processor 5400/5300 sequence up to 3.16 GHz
- Dual-Core Intel Xeon Processor 5200/5100/5000 sequence up to 3.40 GHz

SYSTEM MEMORY

Memory Type: Eight 240-pin DDR2 FB-DIMM Sockets

Maximum Supported: 32GB

EXPANSION SLOTS

Two x8 PCI-Express

STANDARD INTERFACES

Network: Intel (ESB2/Gilgal) 82563EB Dual-Port Gigabit Ethernet Controller

SATA: Six SATA 3.0 Ports via Intel ESB2 Controller

SAS: Eight SAS/SATA 3.0 Ports via Adaptec AIC-9410 Controller

IDE: One IDE Channel supports up to two IDE devices

Serial: One Fast UART 16550 Serial Port

USB: Five USB 2.0 Ports (two at rear, three via internal headers)

FRONT ACCESSIBLE STORAGE

One 5.25" Bay for Tape Drive, DVD, CD, or Removable Disk Drive

Four 3.5" Bays for Removable Disk Drives

One 3.5" Bay for Floppy

ONBOARD GRAPHICS

ATI ES1000 16MB Video Controller

SOFTWARE

Operating System: Microsoft Windows Compatible; Linux Compatible

CHASSIS

Form Factor: 2U

Physical Size: 17"W x 3.5"H x 24"D

Weight: 23.7 lb (with Single Power Supply)
29.7 lb (with Redundant Power Supply)

Cooling Fans: five 80mm

POWER SUPPLY

Single 600 Watt Auto-Ranging

Optional Power Supply Tested for 400Hz Operation

Optional 600 Watt Dual Hot-Swappable Redundant (N+1)

SYSTEM ENVIRONMENT

Minimum Operating Temp.: 0° C (32° 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