

RR-3750

3U BLACKFORD 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 (20") and Light Weight Aluminum Chassis
- Quad & Dual Core Intel 64-bit Xeon, up to 1333MHz FSB
- Four Exposed 3.5" Bays for Hot Swap Removable Disk Drives
- Support for 16x2 LCD Module
- Front Accessible USB and BD9 Serial Ports
- Removable Dust Filters



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MOTHERBOARD

Supermicro X7DB8-X with Intel 5000P (Blackford) Chipset

PROCESSOR

Quad & Dual-Core Intel 64-bit Xeon
1333/1066/667MHz FSB with Dual 771-pin LGA Sockets
Quad-Core Intel Xeon Processor 5400/5300, up to 3.16GHz
Dual-Core Intel Xeon Processor 5200/5100, up to 3.40GHz

SYSTEM MEMORY

Eight 240-pin DIMM Sockets (populated in pairs); Supports up to 32GB

EXPANSION SLOTS

Three 64-bit 133MHz PCI-X (3.3V) slots
Three 64-bit 100MHz PCI-X (3.3V) slots

STANDARD INTERFACES

Intel 82563EB Dual-Port Gigabit Ethernet Controller
Two LAN Ports with Rearpanel RJ45 Connectors
Intel ESB2 SATA 3.0Gbps Controller
Six Serial ATA Ports
Single EIDE Channel Supports up to two UDMA IDE Devices
Compact Flash (40-pin connector, IDE 1, single channel) Slot
Five USB 2.0 Ports (Two front ports, two rear ports, and one internal header)
Two Fast UART 16550 Serial Ports (One front port and one rear port)
Two PS/2 Ports

FRONT ACCESSIBLE STORAGE

One Bay for Slimline DVD or CD Drive; Four 3.5" Bays for Hot Swap Removable Disk Drives
One Bay for Sony AIT Tape Drive; Two USB 2.0 Ports; One Compact Flash Slot

SOFTWARE

Operating System: Microsoft Windows Compatible; Linux Compatible

CHASSIS

Form Factor: 3U
Physical Size: 17"W x 5.25"H x 20"D
Weight: 18 to 26 lb (depending on configuration)

POWER SUPPLY

Single 500 Watt High Efficiency
Optional 600 Watt Redundant Power Supply

AC POWER

90-264VAC Full Range, 47-63Hz

SYSTEM ENVIRONMENT

Minimum Operating Temp.: 0° C (32° F)
Max Operating Temp.: 40° C (104° F)
Humidity: Designed to meet 10%-90% non-condensing
Max Operating Altitude: Designed to meet 10,000 ft
Max Non-Operating Altitude: Designed to meet 40,000 ft