

RR-3852

3U 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 3U Designed to Meet Several MIL SPEC Standards
- Short Depth (18") and Light Weight Aluminum Chassis
- Quad & Dual Core Intel 64-bit Xeon Supports up to 1333MHz FSB
- One Exposed 3.5" Bays for 2.5" Removable Disk Drive or Two Fixed 3.5" Disk Drives
- One Exposed Bay for Slimline DVD or CD Drive
- Optional Power Supply Tested for 400Hz Operation

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MOTHERBOARD

Supermicro X8DT3-LN4F with Intel 5520 (Tylersburg) Chipset

PROCESSOR

Dual 1366-pin LGA Sockets

Dual Intel 5500 series Xeon Quad/Dual-Core, with QPI up to 6.4 GT/s

Supports up to two Intel 64-bit Xeon processor(s) of the same type: Quad-Core Intel Xeon Processor 5500 sequence (Nehalem-EP processor)

SYSTEM MEMORY

Memory Type: Twelve 240-pin DIMM Sockets

Maximum Supported: Supports up to 96GB DDR3 1333/ 1066/ 800MHz

EXPANSION SLOTS

Three x8 PCI-E 2.0 (one in x16 slot)

Two x4 PCI-E

Two PCI 33MHz slots

STANDARD INTERFACES

Network: Intel Dual 82576 Dual-Port Gigabit Ethernet (4 ports)

SATA: Intel ICH10R SATA 3.0Gbps Controller; Six Serial ATA Ports

SAS: LSI SAS1068E Controller

Serial: One Fast UART 16550 Serial Port

USB: Eight USB 2.0 Ports (two rear ports, two on-board, and four internal headers)

PS/2: Two PS/2 Ports

Parallel:

FRONT ACCESSIBLE STORAGE

One Bay for Slimline DVD or CD Drive

Two 3.5" Bays for 2.5" Removable Disk Drives or Two 3.5" Fixed Disk Drives

One USB 2.0 Port

SOFTWARE

Operating System: Microsoft Windows Compatible; Linux Compatible

CHASSIS

Form Factor: 3U

Physical Size: 17"W x 5.25"H x 18"D

Weight: 18 to 26 lb (depending on configuration)

POWER SUPPLY

Single 600 Watt Auto-Ranging

Optional Power Supply Tested for 400Hz Operation

SYSTEM ENVIRONMENT

Minimum Operating Temp.: 0 C (32 F)

Max Operating Temp.: 45 C (113 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