

# RR - 1293

1U OPTERON SATA  
RUGGED RACKMOUNT QUAD & DUAL CORE AMD OPTERON



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

- AMD Opteron Quad & Dual Core Processors
- Four Exposed 3.5" Bays for SATA or SAS Disk Drives
- One 5.25" Bay for Slimline CD-ROM or Slimline CD-RW/DVD-ROM Drive
- Two Fixed 2.5" Bays Disk Drives

**RAVE**  
**WAVE**  
COMPUTER

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## 1U OPTERON SATA RUGGED RACKMOUNT QUAD & DUAL CORE AMD OPTERON

### MOTHERBOARD

Tyan S2932WG2NR-E

### PROCESSOR

AMD 45nm Quad-Core Opteron 2300 Series Processors (Barcelona / Shanghai)  
Support AMD Dual Dynamic Power Management (DDPM) feature  
Support AMD HyperTransport (HT1) Technology  
Can run HT3 link CPU's only at HT1 speed

### SYSTEM MEMORY

Memory Type: Sixteen DDR2 DIMM sockets  
Maximum Supported: 128GB

### EXPANSION SLOTS

One x16 PCI-e Slot

### STANDARD INTERFACES

Network: Two Marvell 88E1121R PHY Gigabit LAN Ports  
SATA: Six SATA 3.0 Ports  
SAS: Eight SAS 3.0 Ports  
IDE: One ATA133/100 IDE Port  
Serial: Two Serial Ports (one at rear, one via cable)  
USB: Four USB 2.0 Ports (two at rear, two via cable)  
PS/2: One PS/2 Port

### FRONT ACCESSIBLE STORAGE

One 5.25" Bay for Slimline CD-ROM or CD-RW/DVD-ROM  
Four 3.5" Bays for Removable Disk Drives  
Two 2.5" Fixed Disk Drives

### ONBOARD GRAPHICS

ATI ES1000 Controller, 32MB DDRI

### SOFTWARE

Operating System: Microsoft Windows Compatible; Linux Compatible

### CHASSIS

Form Factor: 1U  
Physical Size: 17"W x 1.72"H x 28"D  
Weight: 32 lb  
Cooling Fans: Six 40mm

### POWER SUPPLY

Single 560 Watt Auto-Ranging High Efficiency

### SYSTEM ENVIRONMENT

Minimum Operating Temp.: 0° C (32° F)  
Max Operating Temp.: 35° C (95° F)  
Humidity: Designed to meet 10%-80% non-condensing  
Max Operating Altitude: Designed to meet 10,000 ft  
Max Non-Operating Altitude: Designed to meet 40,000 ft