



Rugged 1U Rack Mount Server Featuring Intel® Processors

Product Highlights

- **Cooling System:** Designed specifically for harsh environments
- **Storage Capacity:** Up to 2TB
- **Operating Temperature:** Range of 0°C to 50°C (low voltage Dual or Quad-Core Intel® Xeon® processors)
- **Intelligent Fan Controller:** Environmentally aware & acoustically optimized
- **Operating System:** Choice of Windows Vista®, Windows® XP Professional, or Windows 2003 Server
- **Also available with Remote Management Capabilities**

Chassis and Power Supply

- **Mounting:** Rack mount
- **Chassis:** Environmentally protected 5052 aluminum alloy strain-hardened and stabilized
- **Dimensions:** 1.75"H x 19"W x 24"D
- **Weight:** 23 lbs maximum configuration
- **Power Supply:** Auto-switching power supply
- **Rails:** Heavy-duty locking rack mount slide rails

Motherboard and Processor

- **Processor:** Two Dual-Core or Quad-Core Intel® Xeon® processors
 - Up to 1333MHz FSB (Using Quad-Core Xeon® processors)
 - Intel® 5000 chipset
- **Cache:** Up to 8MB (Using Quad-Core Xeon® processors)
- **Memory:** Expandable to 32GB ECC FBDIMMs (8 DIMMs)

Peripherals

- **Media Bay:** Choice of low-profile slot loading DVD-ROM/CD-RW drive or low-profile slot loading DVD±RW (DL), RAM, CD-RW drive
- **Hard Drive:**
 - Front removable, hot swap hard drive module with rugged metal carrier & receiver
 - Up to (2) 3.5" SAS hard drives
 - Optional SATA hard drives
 - Expandable to 2TB total storage capacity
 - 2.5" SAS hard drives also available
 - Optional SATA hard drives



- **Controller:** On-board SATA Controller (RAID 1 capable)
- **Graphics:** On-board graphics w/16MB of RAM
- **I/O Ports:**
 - (2) RJ-45 Ethernet ports
 - (2) USB 2.0 ports
 - (1) internal USB 2.0 header
 - (1) VGA port
 - (1) External serial port
 - (2) PS/2 keyboard and mouse ports
- **Expansion slot:** (1) PCI-X slot

Environmental Specifications

- **Designed to meet:** MIL-STD-167-1, MIL-STD-901D, and MIL-STD 740 with fan controller board
- **Operating (O) Temperature:** 0°C to 50°C Designed to meet MIL-STD-810F, Method 501.4, 502.4 (using low voltage Dual or Quad-Core™ Xeon® CPU's)
- **Non-Operating (N) Temperature:** --40°C to 70°C Designed to Meet MIL-STD-810F, Method 501.4, 502.4
- **Humidity:** Designed to meet 10%-95% non-condensing
- **Altitude:** Designed to meet (O) 15,000 ft (N) 40,000 ft



The SV-1002-X2 comes with a one (1) year parts and labor guarantee with 24x7 technical support provided by TAG.

*Specifications subject to change without notice