



## Rugged 4U Rack Mount Server Featuring Intel® Processors

### Product Highlights

- **Cooling System:** Independently cooled power supplies designed specifically for harsh environments
  - Specialized front-accessible and hot-swappable fan module provides proper air flow and extreme cooling of the CPU that is essential in a small foot print chassis
- **Storage Capacity:** Up to 6TB
- **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, Windows 2003 Server, or Solaris 10
- **Optional 14 PCI Slot Backplane Form Factor:** Supports PCI-Express, PCI-X, and PCI option cards
- **Also available with Remote Management Capabilities**

### Chassis and Power Supply

- **Mounting:** Rack mount
- **Chassis:** Environmentally protected 5052 aluminum alloy strain-hardened and stabilized chassis
- **Dimensions:** 7"H x 19"W x 16.5"D
- **Weight:** 45 lbs maximum configuration

- **Power Supply:** Front removable, hot-swappable, dual-redundant, auto-sensing power supply (accepts power sources worldwide)
- **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

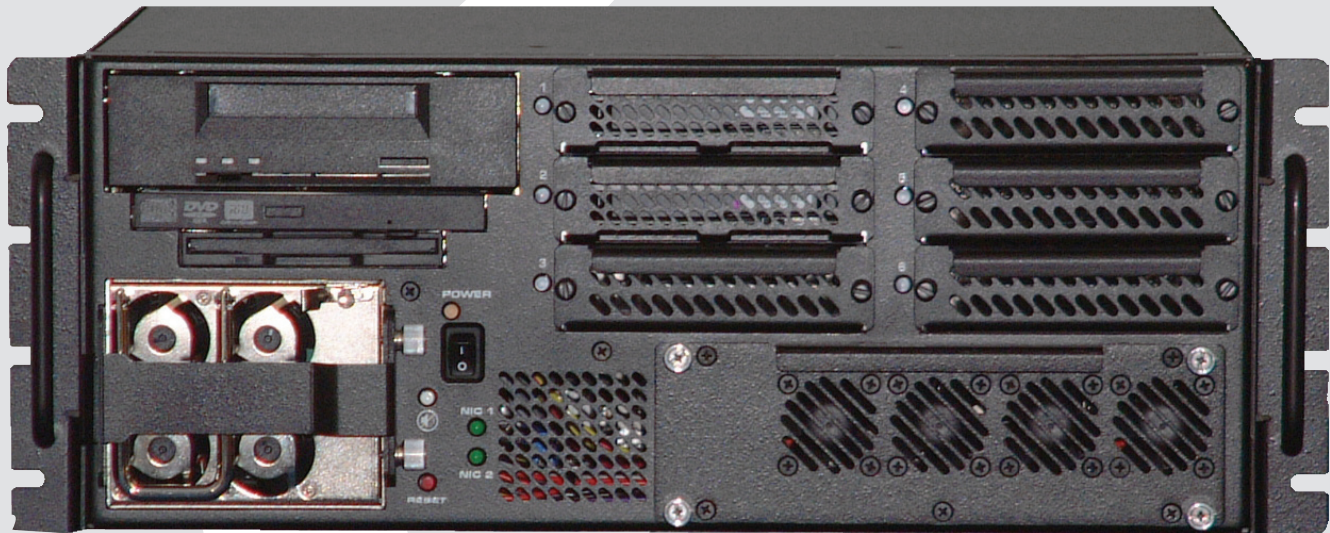
- **Media Bay:** Choice of low-profile slot loading DVD-ROM/CD-RW drive or low-profile slot loading DVD±RW (DL), RAM, CD-RW drive
- **Hard Drive:**
  - Front removable, hot swap hard drive module with rugged metal carrier & receiver
  - Up to (6) 3.5" SAS hard drive
    - Optional SATA hard drives
  - Expandable to 6TB total storage capacity
  - 2.5" SAS hard drives also available
    - Optional SATA hard drives



- **Controller:** On-board SATA controller (RAID 0,1 capable)
  - Optional PCI-Express SAS RAID controller
- **Graphics:** On-board ATI graphics with 16MB of RAM
- **I/O Ports:**
  - (2) RJ-45 Ethernet ports
  - (2) USB 2.0 ports
  - (2) Internal USB 2.0 headers
  - (1) VGA port
  - (1) External serial port
  - (2) PS/2 ports
- **Optional:** Low-profile floppy drive
- **Optional:** Tape Drive
- **Expansion slots:**
  - (2) PCI-Express x 8 or (1) PCI-Express x16
  - (2) PCI-Express x 4
  - (1) PCI-X 133MHz
  - (1) PCI-X 100MHz

### Environmental Specifications

- **Designed to Meet:** MIL-STD-167-1, MIL-STD-901D, MIL-STD-740 with fan controller board
- **Operating Temperature:** 0°C to 50°C Designed to Meet MIL-STD-810F, Method 501.4, 502.4 (using low voltage Multi, 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-4002-X2 comes with a one (1) year parts and labor guarantee with 24x7 technical support provided by TAG.

\*Specifications subject to change