



Rugged 2U Rack Mount Server Featuring Intel® Processors

Product Highlights

- **Cooling System:** Designed specifically for harsh environments
- **Storage Capacity:** Up to 4TB
- **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
- **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:** 3.5"H X 19"W X 24"D
- **Weight:** 45 lbs maximum configuration
- **Power Supply:** 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 (4) 3.5" SAS hard drives
 - Optional SATA hard drives
 - Expandable to 4TB 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
- **Expansion slots:**
 - (2) PCI-Express
 - (1) PCI-X
- **Optional:** Low-profile floppy drive
- **Optional:** Tape Drive

Environmental Specifications

- **Designed to Meet:** MIL-STD-167-1, MIL-STD-901D, 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-2003-X2 comes with a one (1) year parts and labor guarantee with 24x7 technical support provided by TAG.

*Specifications subject to change