



Rugged 1U Rack Mount Server Featuring Intel® Processors

Product Highlights

- **High Performance:** Performance greater than a 3.8GHz Xeon
- **Power Efficiency:** Power consumption and thermal output is 300-400% more-efficient than the typical commercially available servers
- **Extended Operating Temperature:** Operating temperature up to 50°C
- **Small Form Factor (footprint):** Available in 1U 20" deep (short-rack) chassis
- **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 chassis
- **Dimensions:** 1.75"H x 19"W x 20"D
- **Weight:** 14 lbs with (1) drive; 20 lbs with (2) drives
- **Power Supply:** Auto-sensing power supply (accepts power sources worldwide)
- **Rails:** Heavy-duty locking rack-mount slide rails

Motherboard and Processor

- **Processors:** Accepts Intel® Core™ 2 Duo/Core Duo processors
- **Cache:** Up to 4MB L2 cache
- **Memory:** Expandable to 4GB DDR2 RAM

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 serial ATA interfaces (Supporting RAID 0/1/5/10)
- **Graphics:** Integrated graphics adapter



- **I/O Ports:**
 - (2) RJ-45 Ethernet ports
 - (2) RS232 serial ports
 - (4) USB 2.0 ports
 - (1) VGA port
 - (2) PS/2 keyboard and mouse ports
- **Expansion slot:** (1) PCI -Express slot

Environmental Specifications

- **Designed to meet:** MIL-STD-167-1, MIL-STD-810, MIL-STD-901D, and 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
- **Non-Operating (N) Temperature:** -40°C to 70°C Designed to meet MIL-STD-810F, Method 501.4, 502.4
- **Humidity:** Designed to meet 20%-95% non-condensing
- **Altitude:** Designed to meet (O) 15,000 ft (N) 40,000 ft



The SV-1001-THS comes with a one (1) year parts and labor guarantee with 24x7 technical support provided by TAG.

*Specifications subject to change without notice