



### Rugged 2U Rack Mount Server Featuring AMD® Processors

#### Product Highlights

- **Multi-core AMD Performance in a rugged form factor**
- **Extended Operating Temperature:** Operating temperature up to 50°C
- **Cost-Efficient Reliability:** Specifically built to endure high temperatures, sand, and dust
- **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:** 3.5"H x 19"W x 24"D
- **Weight:** 40 lbs
- **Power Supply:** Dual-redundant, auto-sensing power supply (accepts power sources worldwide)
- **Rails:** Heavy-duty locking rack-mount slide rails

#### Motherboard and Processor

- **Processors:** Two 2.6GHz dual-core AMD® Opteron processors
- **Cache:** 2MB Shared L2 Cache (per core)
- **Memory:** Expandable to 32GB 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 (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 Dual Channel Ultra 320 SCSI controller, on-board SATA controller (supporting RAID 0,1,5)



- **Graphics:** On-board VGA Controller
- **I/O Ports:**
  - (2) RJ-45 Ethernet ports
  - (1) RS232 Serial port
  - (4) USB 2.0 ports (2 front accessible)
  - (1) VGA port
  - (2) PS/2 keyboard and mouse ports
- **Low-profile expansion slots:**
  - (2) PCI-Express X8
  - (2) PCI-X 133MHz
  - (2) PCI-X 100MHz
- **Optional:** Low-profile floppy drive
- **Optional:** AIT-3 tape drive

### Environmental Specifications

- **Designed To Meet:** MIL-STD-167-1, MIL-STD-810, MIL-STD-901D
- **Designed To Meet:** 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%-90% non-condensing
- **Altitude:** Designed to meet (O) 15,000 ft (N) 40,000 ft



The SV-2000-A2 comes with a one (1) year parts and labor guarantee with 24x7 technical support provided by TAG.

\*Specifications subject to change without notice