STEALTH·COM
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Model: SR-1600 - Datasheet

Features:

Front View   Top View   Top View

- High Performance Computing Server
- Dual Node System, with 2 Servers in 1
- Modular Design with Quick Parts Swap-out
- 1U (1.75" High) Rack Mount Chassis
- Dual Socket Intel Xeon Systems X2
- Highly Scalable DDR3 Memory
- Front Accessible Hot Swap Hard Drives
- PCIe Expansion Slot Support
- Microsoft Server 2008/2003
- Red Hat, VMware Compatible
- **2 Year Warranty**

SR-1600 - Pricing Info

SR-1600 - High Performance Computing Rack Servers

Do more in Less Space
The Stealth model SR-1600 is a high performance 1U rack server engineered for demanding HPC (High Performance Computer) workloads. Stealth's high-availability machine delivers all the benefits of two servers operating in a single, space saving rack chassis.

Reduce Your Cost of Ownership!
Stealth's slim servers are packed with features that would normally be found in much larger chassis providing significant cost savings in rack cabinet real estate. Two systems in a single 1U chassis decreases the total per system costs and provides for a superior return on your technology investment.

The Power and Scalability to Meet Your Needs
With four total Intel Xeon 5500/5600 processors (two per node) the SR-1600 is capable of handling your high intensity computing needs. Fully scalable DDR3 memory with options up to 288GB (144GB per node). Energy efficient 1100 Watt (80 plus) removable power supply. The cable free, modular system design allows for complete component swap out in mere minutes eliminating the time and financial costs of extended downtime.

Designed with Your Application in Mind
Ideal deployment includes applications that require maximum computer density for Manufacturing, Financial Services, Scientific/Engineering, Aerospace, and Energy, to name a few.

A 20 Year Recognized Leader

Stealth.com is an ISO 9001 recognized industry leader in the development of specialized computers and peripherals for industrial and commercial markets. For unsurpassed performance and reliability contact Stealth today to discuss your application with one of our product specialists. Toll Free: 1-888-STEALTH (1-888-783-2584) or International 905-264-9000.

SR-1600 Specifications

- **Processors:**
  - Supporting Intel's® Xeon® 5500 and 5600 Series processors
  (2 per node, 4 in total)
  - Options up to 24 Threads per system
  (6 Cores with Hyper threading per CPU)

(Front View of SR-1600 1U Server Rack)

- **Memory:**
  - 18 Memory sockets per node (9 per CPU),
  ECC Registered or ECC Unbuffered DDR3
  - Max 144GB per node using Registered ECC DDR3

- **Hard Drive:**
  - Supports 2 Hard Drives per node, hot swappable
  - 2.5" Form Factor
  - Optional Solid State Hard Drives (SSD)
  - Onboard RAID 1 (mirror) or RAID 0 (stripe)

- **Drive Bays:**
  - (4) 2.5" Removable Drive Bays (Hot-Swappable) (2 per node)

- **Video Adapter:**
  - Onboard Video adapter, VGA / HD-15 interface

- **Networking**
  - Onboard dual (2) 10/100/1000Base-T Gigabit LAN,
  RJ-45 per node

(Inside Top View of the SR-1600 1U Server Rack)

- **Front Ports (per node):**
  - Video port VGA / HD-15 Interface
  - DB9 / Serial RS 232 communication port
  - Two USB 2.0 ports

- **Rear Panel (per node):**
  - Two 10/100/1000 ports via 82576 Intel Chipset
  - Expansion slot

- **Front Panel (per node):**
  - Network status notification LEDs
  - Hard Drive access LEDs
  - System Status LED
  - Power LED
  - Video port VGA / HD-15 Interface
  - Two USB 2.0 Ports

- **Expansion Slots (per node):**
  - 1 PCIe 2.0 x8 expansion slot
  supporting ½ Length low-profile cards

- **Power Supply:**
  - Single High Efficiency Power Supply
  meeting 80 PLUS GOLD standards
  - Input 100-240 VAC, 50/60Hz
  - 1023W MAX using 100-120 VAC input

(Inside Top View of the SR-1600 1U Server Rack)

- 1100W MAX using 200-240 VAC input

- **Cooling Fans:**
  - 3 dual-rotor system fans per Node

- **Operating System:**
  Microsoft Windows Server 2008 (32-Bit and 64-Bit),
  Microsoft Windows Server 2003 (32-Bit / 64-Bit),
  Red Hat Enterprise Linux 5.3 (32-Bit / 64-Bit),
  SuSE Linux Enterprise Server 10 (32-Bit / 64-Bit),
  VMWare vSphere 4.0 for ESX 4.0,
  VMWare vSphere 4.0 for ESXi 4.0

  - Contact us for your specific operating system
  requirement to discuss compatibility

(Front View of SR-1600
1U Server Rack)

- **Temperature:**
  Operating: 0C (32F)~50C (122F)

- **Dimensions:**
  - 1.7"(H) x 17.6"(W) x 28.0"(D)
  - 43mm(H) x 448mm(W) x 714mm(D)
  - Includes Rack rails / mounting rails

- **Weight:**
  Approx. 40 lbs depending on configuration

- **Warranty:**
  - 2 Year limited Warranty, Standard
  - Extended Warranty available, contact Stealth for more info.