

**Model: SR-NDS - Datasheet**

**Features:**

- Hybrid Cache Option with 1GB per disk
- Multi Host Connectivity - Unix, Intel & MAC Platforms
- 8Gbit FC, 1Gbit iSCSI or 3Gbit SAS Host Interface
- Optional Redundant Hot Swappable Active-Active RAID Controllers
- Scalable Capacity up to 112 Drives @ 224TB\*
- Tiered Implementation of SAS & SATA Disks
- Choice of 7,200, 10,000 & 15,000 RPM Disks
- Clustering Ready for Server Failover
- Optional Remote Data Replication
- Optional Snapshot and Snapcopy
- Open Systems Fibre Channel Networks
- Online RAID Expansion
- Drive Failure Prediction & Cloning
- Redundant Hot Swap Power Supplies
- Redundant Hot Swap Cooling Fans
- Remote Management with IP/SNMP/VT100
- Operating System Independent
- Rack Mountable into any 19" Wide Rack
- Space Saving (3 U) or 5.25" High
- Complimentary Factory Pre-Configuration



(front view)



(front view)



(rear view)



**SR-NDS - Pricelist**

**Stealth Model: SR-NDS - Network Data Storage Rack**

**Storage Architecture**

Information Technology is changing at an alarmingly fast rate. Varying applications require differing levels of disk performance. Hence, the Stealth SR-NDS SAS and SATA RAID were born. Stealth.com Inc. recognized this challenge over half a decade ago. Thus the evolution of the its Tiered Storage RAID Architecture to provide Simultaneous Access to faster SAS 10K/15K Hot Swap Disks, and within the same chassis, Hot Swap SATA 7,200RPM Disks at the same time. Benefits to customers are tremendous. Imagine being able to provide storage to multiple Intel/Unix/Mac Servers via Fibre Channel with tiered storage capability. Stealth's SR-NDS is the ultimate in flexibility providing Customer's ROI to a new level unmatched by any other RAID Manufacturer.

## SAS & SATA

Whether customer application requires SAS Disk Technology for Mission Critical Applications or SATA for Lower Cost Storage in Data Replication, Backup or Archiving Applications, Stealth Computer has a configuration to meet the challenge. Whether your SAS Disk Based RAID Configuration requires capacities of up to 24TB or SATA Disk Based RAID up to 224TB, Stealth's SR-NDS is an affordable solution for you.

## A 20 Year Industry Recognized Leader

Stealth.Com is an ISO 9001 manufacturer with two decades of delivering quality solutions and support all over the world. Our proven track record is reflected in our impressive customer list that includes fortune 500's, governments, educational institutions, as well as small and midsize enterprises right down to sole proprietorships. Contact us 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.

## Specifications

Operating Systems	Multiple Simultaneous Operating Systems Support including VMWare ESX, Windows 2003/2008, Netware 3.x/4.x/5.0/6.0, OS/2, SCO Unix, Linux (Redhat, Debian, Caldera, Turbo), BSD Unix, MAC, Sun Solaris, HP/UX, AIX, SGI IRIX and Tru64 Digital Unix. Supports all Fibre Channel hosts that adheres to the ANSI T11 Fibre Channel Specifications in Point-Point, Loop and Full Fabric Mode.
RAID Controller Memory	512MB expandable to 2GB per raid controller (selectable by volume – read, adaptive read-ahead, write through, write-back), battery backup
RAID Sets and Levels	Up to 64 disk arrays with independent RAID 0, 1 (0+1) , 3, 5, 6, 10, 30, 50, 60, and NRAID
Standard Features	Online RAID Expansion, Background initialization, background parity checking, and automatic drive rebuild with redundant RAID arrays via Command Line or GUI Interface with Java Based Management Software over TCP/IP.
Optional Features	Auto Capacity Provisioning, Snapshots, Async Mirroring over IP, NAS Host Connectivity, iSCSI Host Connectivity, Clustering Support including Microsoft Cluster Server for NT 4.0, Microsoft Cluster Services for Windows 2000 Advanced Server, Novell high Availability Server, Veritas Clustering, Legato Clustering.
System and Remote Monitoring	RAID Controllers, Disks, Power Supplies and Fans by Audible Alarm, VT100 or GUI Based Management with Java Based Software for real-time monitoring and reporting of all failures or

degraded components. VT100 or GUI Java Based Management Software for configuring all aspects of the storage platform including raid controllers, cache, interfaces, drives, RAID configurations, logical drives, permissions to logical drives, etc.

Drive Capacities	<b>SATA2:</b> 150/250/500/750GB/1TB/2TB <b>SAS:</b> 146/300/450GB
Drive Performance	<b>250/500/750/1,000GB/2,000GB:</b> 4.2ms Access Time, SATA2,200RPM Hot Swappable <b>150GB:</b> 3ms Access Time, SATA 10,000RPM Hot Swappable <b>400GB:</b> 3ms Access Time, SAS 10,000RPM Hot Swappable <b>146/300/450GB:</b> 2ms Access Time, SAS 15,000RPM Hot Swappable
Maximum Number of Drives	16 Disks per chassis, 7 chassis maximum, 112 Disks total maximum (8Gbit FC Model only)
Maximum Capacity	<b>SATA Disks:</b> 80TB using 80 x 1TB Hot Swap SATA2 Disks <b>SAS Disks:</b> 24TB using 80 x 450GB Hot Swap SAS Disks
Host Interfaces	2 x 4Gbit or 8Gbit FC, 2 x 1Gbit iSCSI or 2 x 3Gbit SAS Host Interface per raid controller 4 Host Channels total with Multi Path I/O for full redundancy
Dimensions	Space Saving (3 U Rack Size) 19.7" W x 5.15" H x 17.5" D (500mm x 131mm x 446.2mm)
Power Voltage	2 redundant hot-swappable power supplies w/ PFC, 90 to 260VAC, 47 to 63Hz, 2V/32A, 38A peak per chassis
Fans	2 Redundant Hot Swap Fans per chassis
Environment	Operating: 5°C - 40°C 10 - 80% Humidity Non Operating: -20°C - 60°C @ 8 - 90% Humidity
Altitude & Shock	Sea Level - 3,048 Meters Operating: 10 G or less Non Operating: 175 G or less
MTBF	1,200,000 Hours
Safety Approvals	CCC, BSMI, CE, UL, cUL, RoHS (R5), Microsoft WHQL, Microsoft RAID System Submission -

w/MPIO (Single Host)

Warranty

3 Year Parts & Labor

*NOTE: Specifications subject to change without notice.*