



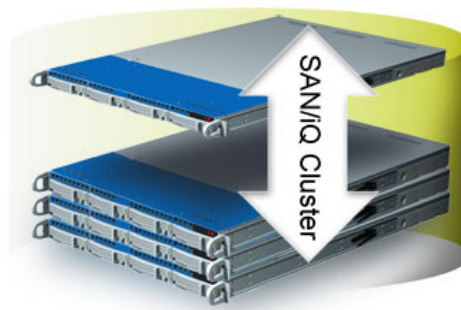
Network Storage Module 160

LeftHand iSCSI SAN Platform

As a LeftHand SAN/iQ Cluster grows,
data availability and performance increase.



STRENGTH IN NUMBERS



“After struggling with the limited capabilities and high cost of our fibre channel SAN, we bought a LeftHand SAN. Not only did we get easier management, more features, and lower cost, but we also experienced a dramatic increase in performance.”

Seattle Pacific University

INDUSTRY-STANDARD HARDWARE

The LeftHand SAN Network Storage Module (NSM) 160 is an integrated storage subsystem built on industry-standard Intel processors and Serial ATA II disk drives. The NSM 160 is available in two capacities: 1 terabyte and 2 terabytes per module. NSMs are Ethernet-based storage devices that are clustered together using SAN/iQ® software to provide a complete iSCSI SAN solution. The NSM 160 is appropriate for installations or sites that need to scale in granular increments, featuring two scalable capacities, dual NIC failover and multiple hot-swappable drives.

The LeftHand SAN storage platforms are automatically configured as a single, virtual storage pool using the advanced clustering capabilities of SAN/iQ. Multiple NSMs can be clustered to support application requirements, and the cluster(s) is easily managed using an intuitive centralized management console. Cluster performance and capacity scale dynamically without system downtime.

HIGHLY AVAILABLE

the LeftHand SAN NSM 160 provides enterprise-class high availability and performance. Highlights include:

- Multiple hot-swappable disk drives
- Dual NIC connectivity with failover
- Dual power supplies
- Robust power and cooling diagnostics
- Write cache battery-backed units (BBU)

Additional high availability and redundancy capabilities, including SAN/iQ Network RAID, failover, and SAN/iQ Snap, are enabled with LeftHand SAN/iQ, which distributes intelligence on storage modules across the network. Since no single device controls either management or data traffic, there's no performance bottleneck, no single point of failure, and no strain on server resources. Refer to the LeftHand SAN/iQ data sheet for more information.



Network Storage Module 160

Technical Specifications	NSM 160
Capacity	1 TB or 2 TBs per NSM
RAID Levels	RAID 0, 1, 5, 10
Form Factor	1.75"x17.5"x27" (1U) Weight 36.4 lbs
Network Interface	Dual Gigabit Ethernet
Cooling	10 system fans, four power supply fans
Power	Dual power supply, 500 Watt, Low Profile ATX and PFC Voltage: 110-240 VAC Frequency: 50/60 Hz
Industry Certificates	Safety: UL, C-UL, CE EMC: FCC Class A, RFI/EMI
Hardware	2.8 GHz Intel Xeon Processor, 2 GB RAM (4 x 512 MB Modules)
Disk Drives	Serial ATA II
I/O per second (Three-module cluster)	81,000
Throughput (MB/sec) (Three-module cluster)	300

HARDWARE SERVICE AND SUPPORT

All hardware support is on-site. One year standard hardware warranty service includes:

- Standard - Next-day, on-site support, 8AM to 5PM local time, Monday through Friday excluding nationally recognized holidays
- Extended warranties are priced options
 - Premium - Includes four-hour on-site support (24x7x365)
- Local service technician (in most major metro areas)

PROFESSIONAL SERVICE OFFERINGS

- Installation
- Systems integration
- Data migration
- Application-specific design and integration
- Standardized or on-site technical training

ORDERING INFORMATION

For purchasing information or to contact a regional sales manager:

sales@lefthandnetworks.com

1.866.4.IPSANs

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