



SN3300

STORAGE ROUTER

Key benefits

Maximized SCSI investment

The StorageNet 3300 storage router enhances access and security to your SCSI investments. It is a high-speed solution without the sky-high investment.

Low-cost, two-gigabit connectivity

With a two-gigabit FC port and maximum throughput of 160 megabytes per second, the SN3300 router integrates SCSI tape libraries into high-performance FC storage area networks.

Centralized, consolidated storage

By moving existing storage to a central location, you enhance security, accelerate data flow, simplify management and reduce costs – all at once. And since multiple servers can share storage resources, you can increase flexibility and storage without adding more resources.

High performance for faster backups

The two-gigabit SN3300 router offers LAN-free backup and restore, moving the traffic onto the storage area network. Removing the LAN bottleneck allows SCSI devices to operate at full speed and optimum efficiency.

Easy to use, easy to install

The SN3300 router is easy to install, with accurate device mapping and security built right in. Plus, it features hard-to-beat interoperability with other SAN components.



StorageNet® 3300 (SN3300) storage router

Time is money. And the less time you waste accessing data, the more time you can spend running your business. To that end, data needs to be accessible and secure 24 x 7. And yet budgets are strained and so is your staff. How do you do more with the equipment at hand? How do you protect your investment? How do you accelerate data access without compromising security? By centralizing and consolidating data storage, you can create a manageable, yet flexible, storage area network (SAN) that enhances the access and security of your existing SCSI investments.

Maximize SCSI throughput

StorageTek's Fibre Channel router, the bi-directional StorageNet® 3300 (SN3300) storage router, revitalizes SCSI-interfaced devices by seamlessly connecting them to Fibre Channel SANs. SCSI devices operate at full speed and optimum efficiency. And that not only protects your SCSI investments, it increases their value. By maximizing connectivity and throughput, you can increase access, flexibility and storage without adding more resources.

Rapid, robust and reliable

In addition to its two-gigabit FC port to connect any Arbitrated Loop or Switched Fabric topology, the SN3300 router features two SCSI ports available in low-voltage differential/single-ended and high-voltage differential models.

What's more, the SN3300 router increases the operating span of SCSI hosts and devices up to 10 kilometers, making it ideal for facilitating remote storage for disaster recovery. As for reliability, the router's low error rates and flow control help facilitate high data delivery integrity.

Full speed ahead for all that lies ahead

The two-gigabit SN3300 router offers LAN-free backup and restore, moving the bulk of data backup and recovery traffic from the LAN into the storage area network. Removing the LAN bottleneck allows SCSI devices to operate at full speed. The result? Increased efficiency and throughput since you're not competing for bandwidth on the LAN. Existing data can be backed up and restored in less time. And that leaves you more time for strategic thinking.

Point and click management

Configuring and managing the StorageNet 3300 storage router has never been easier. Simply “point and click” in the graphical user interface (GUI) for current status information, as well as management and configuration settings. The Crossroads Visual Manager (CVM) runs as a Web application from the SN3300 router and can be accessed from any computer with a Web browser. And that means individual storage devices can be managed as an integrated system rather than a collection of stand-alone devices.

Server-free backup and restore

Server-free backup offloads the work of moving blocks of data from the application server to a specialized “data-mover” device (e.g., the SN3300 router) located on a SAN.



CVM provides an easy-to-use visual management interface to the SN3300 router.

StorageNet 3300 storage router specifications

Performance

Total aggregate throughput	160 MB/sec
Fibre Channel port speed	1 or 2 Gb/sec
SCSI	Fast, Narrow, Wide and up to Ultra 160
Each LVD bus	160 MB/sec (maximum)
Each HVD bus	40 MB/sec (maximum)

Capacity

Number of ports	1 FC, 2 SCSI
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Availability

Serviceability	Field upgradeable firmware
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Compatibility

Interoperability	All major SAN interconnect components and management applications
Supported tape libraries	L20/L40/L80/L180/L700e/L5500

Management

Graphical user interface (GUI)	Embedded Web server provides access to Visual Manager
Command Line Interface	Serial and Telnet interfaces
FTP	FTP for upgrading firmware, saving/uploading configurations, saving traces
SNMP	FA MIB and private MIB (Crossroads Enterprise MIB) support
In-band management	Supports in-band Fibre Channel and SCSI commands
Number of maps supported	Up to 8
LUN masking (ability to hide LUNs)	Yes
Server-free backup/restore	Yes (up to 8 separate operations at a time)

Mechanical

Height	1.70 in (4.31 cm)
Depth	10.75 in (27.3 cm)
Width	17.0 in (43.18 cm)
Unit height	1u*
Weight	9.0 lb (4.0 kg)

Environmental

Temperature	+32° to +122° F (+0° to +50° C)
Relative humidity	5%–80% non-condensing

Power

Power input (auto-sensing)	100–240 VAC @ 50/60 Hz, 1.0 Amps			
Power consumption (maximum)	Voltage VAC	Amps	Watts	Btu/hr
	100	0.81	81.00	276.96
	120	0.67	80.40	274.90
	230	0.38	87.40	298.84
	240	0.37	88.80	303.62

Regulatory compliance

Safety and emissions	FCC class A, UL 06950, cUL, CE, VCCI, AS/NZS 3548, TUV GS, EN 60825-1
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* Rack space is measured in height and expressed as a u. One u is 1.75 in (4.45 cm) in height.

ABOUT STORAGETEK®

Storage Technology Corporation (NYSE: STK), a \$2 billion worldwide company with headquarters in Louisville, CO, has been delivering a broad range of storage management solutions designed for IT professionals for over 30 years. StorageTek offers solutions that are easy to manage, integrate well with existing infrastructures and allow universal access to data across servers, media types and storage networks. StorageTek's practical and safe storage solutions for tape automation, disk storage systems and storage integration, coupled with a global services network, provide IT professionals with confidence and know-how to manage their entire storage management ecosystem today and in the future.

StorageTek products are available through a worldwide network. For more information, visit www.storageitek.com, or call 1.800.275.4785 or 01.303.673.2800.

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