SGI® InfiniteStorage NEXIS 1000 NAS Gateway

Price-Performance NAS Connectivity for Existing XFS-Compliant Storage Installations

Features
- Fully integrated SGI InfiniteStorage Appliance Manager and administrative toolset
- High-performance, low-latency, and scalable file system
- Automated discovery and configuration guidance for SGI-compliant storage
- NFS, CIFS, and iSCSI protocols

SGI InfiniteStorage NEXIS 1000 NAS Gateway provides investment protection by providing new NAS functionality while leveraging existing installations of SGI-compliant storage. This gateway solution combines high performance with appliance-like simplicity. The SGI InfiniteStorage NEXIS 1000 NAS Gateway delivers exceptional value with ease of management that lowers the total cost of ownership.

Integrated SGI InfiniteStorage Appliance Manager and Toolset

SGI NAS solutions give customers complete, ready-to-go platforms for information management. The SGI InfiniteStorage NEXIS 1000 Gateway includes the pre-installed SGI InfiniteStorage Appliance Manager for fast and easy configuration setup, granular discovery, and resolution guidance. The intuitive graphical user interface speeds day-to-day tasks, helping to reduce manageability costs.

Using the SGI InfiniteStorage Appliance Manager, administrators can perform storage setup in less than 20 minutes. Network address and file system information can be rapidly initialized and other built-in functions give administrators a convenient Web-accessible interface to monitor and manage performance, disk utilization, file system quotas, usage statistics, and other storage parameters.

Industry-Leading File System Performance

The SGI InfiniteStorage NEXIS NAS family benefits from the industry-leading SGI file system technology. Architected to scale performance and directory size for up to exabytes of addressable space, the exceptional SGI file system can be applied to a wide range of hardware platforms and configurations. Both NFS and CIFS yield exceptionally competitive application performance including demanding write-to-disk operations. This value is further enhanced with SGI advancements that yield highly efficient and low-latency file system operation.

Help from the Storage Experts

SGI provides worldwide support from a team that includes in-depth storage expertise. For those with IT organizations that prefer to support their own systems, SGI provides phone support and next-business day advanced parts exchange. SGI's highly rated onsite hardware support is also available, with a choice of response times that can meet each site's requirements.

System Hardware
- Processors — 2.33 GHZ Dual Core Intel Xeon Processor
- Memory — 4GB, 8GB, 16GB, 32GB
- Storage Connectivity — 2, 4, or 6 – 4GB FC Ports
- LAN Connectivity — 8 GbE

Storage and File System
- Storage Arrays — InfiniteStorage 220, IS330, IS350, IS4000, IS4500, TP9300, TP9500, TP9700
- Raid Levels — 0, 1, 5, 10 depends on external array
- Snapshots — 256
- File System — XFS™ 64-bit journaled filesystem

System and Network Protocol Support
- Management Interface — SGI InfiniteStorage Appliance Manager Graphical User Interface (GUI), Command Line Interface (CLI)
- Operating System — Novell SUSE Linux Enterprise Server 10 • • SGI ProPack™5 for Linux®
- Standard Software Features — CIFS, NFS, XFS, Volume Manager, SGI InfiniteStorage Appliance Manager, NDMP
- Licensed Software Products — Data Migration Facility (DMF), Snapshot
- File Access Protocols — NFS v2, v3, v4, CIFS, FTP, TCP, SSH
- Block Access Protocols — iSCSI target

Enclosure Dimensions and Weight
- Dimensions — 2U (3.44"H x 16.93"W x 27.75"D)
- Weight — 65 lbs. max

Power Specifications
- Power Supply — Redundant 750W power supplies
- Voltage — Switchable 100-120 VAC or 200-240 VAC, 50/60 Hz

Environmental (Operating) Temperature
- Operating Temperature — +10°C to +35°C for altitudes below 5000 feet above MSL
  +10°C to +30°C for altitudes below 10000 feet above MSL
  -40°C to +70°C for altitudes below 40000 feet above MSL
- Humidity — 90% non-condensing @ 35°C (@28C for 2U)

Support and Services
- Warranty — Three year next-business day advanced parts replacement. 5x9 coverage for shipment of parts.
  90 days software support
  24 X 7 support available

Installation
- SGI offers optional installation services. For more information please see www.sgi.com/support

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