SGI® InfiniteStorage NEXIS 500 Network-Attached Storage

Small Workgroup File Sharing, Workstation Storage Expansion, and Branch Office Near-Line Storage

Features
- Fully integrated SGI InfiniteStorage Appliance Manager and administrative toolset
- High-performance, low-latency and scaleable file system
- Space-efficient 2U form factor
- NFS, CIFS and iSCSI protocols
- Pre-configured and tuned storage system

SGI InfiniteStorage NEXIS 500 Network-Attached Storage (NAS) solutions combine comprehensive functionality with appliance-like simplicity. The solution delivers exceptional value with ease of management that lowers the total cost of ownership. Each SGI InfiniteStorage NEXIS 500 is pre-configured and optimally tuned for today's storage needs. Industry-leading software streamlines setup and ongoing administration.

Integrated SGI InfiniteStorage Appliance Manager and Toolset

SGI NAS solutions give customers complete, ready-to-go platforms for information management. The SGI InfiniteStorage NEXIS 500 solution 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 for up to exabytes of address-able space, the exceptional SGI file 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. Users gain more performance while lowering CPU utilization, resulting in reductions in both power and cooling costs.

Compact Form Factor

SGI InfiniteStorage NEXIS 500 NAS solutions fit into a variety of environments. The 2U form factor minimizes power, cooling, and space requirements while providing exceptional storage value for a variety of applications.

Entry into a Scalable Family of NAS Solutions

The SGI InfiniteStorage NEXIS 500 NAS solution makes it possible for even small workgroups to affordably gain the efficiencies of NAS storage. Groups can start small and grow storage when needed.

The SGI InfiniteStorage NEXIS 500 NAS Series also simplifies the introduction of higher-capacity, higher-performance NAS solutions. All SGI InfiniteStorage NEXIS solutions utilize common SGI file system technology, SGI InfiniteStorage Appliance Manager software.

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.

NAS Server — InfiniteStorage NEXIS 500

NAS Server	InfiniteStorage NEXIS 500
• CPU Type (Intel)	2.33 GHz Dual Core Intel Xeon
• System Memory	4GB
• Number of GbE	2
• Number of Drives	5
• Drives	750GB SATA or 500GB SATA
• RAID Setting	4+1 RAID 5
• Maximum Capacity	3.75TB
• Maximum Usable Capacity	3TB

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

System Software

- SGI InfiniteStorage Appliance Manager 4
  – Setup Wizard for initial system setup
  – Dynamic capacity & volume expansion
  – Management GUI presents real time resource, performance, and system alerts
  – Historical data for trending analysis
- XFS 64-bit journaled file systems

Optional Software

- SGI XVM Snapshot
  – Copy-On-Write copy at volume level
  – Up to 256 snapshots per file system
  – Fully integrated with Appliance Manager 4
- SGI Data Migration Facility (DMF)
  – Policy-based data migration utility

Support and 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 Service

- SGI offers Optional Installation Services. For more information, please see www.sgi.com/support

Dimensions

Dimensions	Height	Weight
• NAS Server	2U (3.44"H x 16.93"W x 27.75"D)	65 lbs max
• Rack (Optional)	39U (75.8"H x 29.1"W x 43.2"D)	346 lbs empty

Environmental (Operating) Temperature

• NAS Server	+10°C to +35°C for altitudes below 5000 feet above MSL
	+10°C to +30°C for altitudes below 10000 feet above MSL

Electrical Power

• Power Supply	Redundant 750W Power Supplies
• Voltage	
– North America/Japan	Switchable 100-120 VAC or 200-240 VAC, 50/60 Hz
– International	230 VAC
• NAS Server	450 watts

For more information, go to: www.sgi.com/storage