Tandberg Viking FS-1500 NAS

Special Functions

- 3U form-factor for rack optimized environment

- Powered by Microsoft Windows Storage Server 2003 for flexibility & seamless integration to LAN

- High capacity for storage: up to 15 HDD using Serial-ATA II connectivity

- Quick installation & configuration using Web User Interface and Remote Desktop

- Using DVD image for OS recovery

- Multiple snapshots using Microsoft Shadow Copy Service ensures point-in-time of data recovery

- Hot-Swap Serial-ATA II HDD and hardware RAID provide optimal storage performance & data availability

- Ultra320 SCSI supports for the most demanding external tape device connection in backup & offline archiving operations

- Supports SMB/CIFS, NFS, DFS, Appletalk, HTTP & FTP file-systems for heterogeneous client sharing

What Is NAS?

NAS is an acronym for **N**etwork **A**ttached **S**torage. NAS solutions are specialized file-serving devices that support heterogeneous files in a high capacity storage solution on Ethernet based networks. NAS solutions also provide specific features to simplify the tasks and reduce the resources associated with data storage and management. The objective of NAS technology is to simplify manageability and improve data access to clients and applications. A NAS solution will generally provide network accessible storage to a mix of clients and servers running different operating systems.

Microsoft ® Windows ® Integration

Powered by Windows ® Storage Server™ (WSS 2003) operating system and optimized for storage-specific management and applications, the Tandberg Viking FS-1500 NAS ensures ease of deployment, flexibility and seamless integration to customers' network environments. The hardware is also preconfigured and optimized to allow the Viking FS-1500 NAS to be up and running in minutes.

Heterogeneous OS Support

In a typical workgroup environment, the Tandberg Viking FS-1500 NAS serves as the file storage device hosting local user files for sharing and exchanging between Windows, Mac and UNIX/Linux clients.

S-ATA II Hardware RAID Protection

Using the latest in Serial-ATA HDD technology, Serial-ATA II coupled with hardware RAID, the Viking FS-1500 NAS offers abundant networked storage capacity and performance, and at the same time ensures data availability.

Ultra320 SCSI Connectivity

The Viking FS-1500 NAS offers connectivity support for external tape unit or tape autoloader via its Ultra320 SCSI controller. This allows maximum bandwidth for SCSI attached tape unit and further enhances data protection and offline staging for restoration or archival needs.

Ease of Setup & Recovery using DVD Image

The Tandberg Viking FS-1500 NAS offers quick-restore functionality via Recovery DVD image. It allows user to customize different RAID level for protecting the OS partition. In the event the Viking FS-1500 NAS needs to be restored, the Recovery DVD image brings the Viking FS-1500 NAS back to a factory default in minutes.

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Tandberg Viking FS-1500 NAS

Technical Specifications

Processor	Dual Intel® Pentium® Xeon ® 3.0 GHz
Memory	1 GB standard, expandable to 12 GB (DDR 400)
Storage	
HDD Interface Technology	Serial-ATA II (Hot Swappable)
Number of HDD	15 (maximum 500 GB capacity per HDD)
Type of RAID	Hardware Serial-ATA II RAID (300MB/s)
RAID level support	RAID 0, 1, 10, 3, 5 or 6
External Interfaces / Expansion	
LAN	2 x Auto Sensing Gigabit NICs embedded 10/100/1000 Mbps (RJ45)
SCSI	HD 68 pin Ultra320 SCSI LVD/SE
USB	2 x USB 2.0 port
RS232	1 x Serial Port
Warranty	
Term	3 years
Dimensions / Weight	
Form factor	3 Rack U
Dimensions	Width: 450 mm (17.7 in) Height: 132 mm (5.2 in) Length: 647 mm (25.5 in)
Weight	32.7 kg or 72 lb
Electrical Rating	
Type	Triple-Redundant PSU (Hot Swappable)
Rated Voltage	Auto ranging 100 to 240 VAC @ 50/60 Hz
Rated Current	14 Amp
Power Consumption	760 W
Environmental Specifications	
Temperature	10ºC to 35ºC
Relative Humidity	8% - 90% non-condensing
Regulatory Agency Approvals	FCC Class B/CE/VCCI/MIC/UL/CB/TUV/TUV-S
Operating System	
NAS Operating system	Microsoft® Windows ®Storage Server™ 2003
OS & Data Partition / Volume	User Definiable (RAID 0, 1, 10, 3, 5 or 6)
Network File System Protocol	SMB/CIFS, NFS, DFS, Appletalk, HTTP & FTP
Management Interface	WebUI / Remote Desktop
Management Protocol Support	SNMP, SMTP notification
Environmental Monitoring	Fan, temperature & UPS
Access Control	Active Directory Service, UNIX NIS
Snapshot Technology	Microsoft Volume Shadow Copy Service (VSS)
Backup Software	Windows Backup (or optional 3rd party that supports WSS 2003)
Anti-virus	Optional 3rd party that supports WSS 2003
NAS OS Recovery	DVD Image

For more information, kindly contact your Tandberg Data sales representative or authorised distributor, or visit **www.tandberg.com.sg**

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