

Viking FS-800U NAS

Where Smarter Storage Begins

The Smarter Choice for Disk-Based Storage

Backup windows are shrinking and rapid file restores are more important than ever. IT departments require storage solutions that meet the increasing demands of users who need to share files in heterogeneous environments. The Tandberg Data Viking Series of Network Attached Solutions (NAS) is designed with this in mind and provides storage expansion, rapid file access and convenient file sharing for high data availability, fast recovery, data protection and easy data management.

Powered by Windows Storage Server 2003 R2 (WSS 2003 R2) or Microsoft Windows Unified Data Storage Server 2003 platform and optimized for storage specific management and applications, the Tandberg Viking-FS 800U (universal SAS/SATA) NAS ensures ease of deployment, flexibility and seamless integration. WSS supports an unlimited number of Client Access Licenses and all file sharing protocols, such as CIFS/SMB, NFS, AppleTalk, DFS, HTTP & FTP and Storage report manager.

Ease of Deployment & Recovery

The Tandberg Viking FS-800U NAS is relatively easy to deploy without drastic reconfigurations to the network for file-level or block-level access. It also offers quick-restore functionality via Recovery DVD image. It allows users to customize different RAID levels for protecting the OS partition. In the event the Viking FS-800U NAS needs to be restored, the Recovery DVD resets the Viking FS-800U NAS back to factory default in minutes.

Easy Backup / Archiving Integration

The Viking FS-800U NAS offers connectivity support for external tape unit or tape autoloader via its Ultra320 SCSI controller which allows direct connection to a tape device, autoloader or libraries. This makes it the perfect device to further enhance data protection. The Viking FS-800U NAS can be implemented as a second tiered storage device, as a backup server or as a centralized file sharing device.

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Key Benefits

- 2U form-factor for rack optimized environment
- Provides higher performance
- Improves data availability and system design, supports SAS disk drives for data-intensive applications and SATA drive for low-cost bulk storage of data
- Supports up to 8 HDD (or more by adding additional RAID enclosures) using universal SAS 3Gb or SATA II connectivity
- Hot-Swap SAS 3Gb/SATA II HDD and hardware RAID provides optimal storage performance & data availability
- More available expansion slot, you can depend on the demand to increase more Host Bus Adapter
- Choose between the Microsoft Windows Storage Server 2003 R2 or Microsoft Windows Unified Storage Server 2003 platform
- Quick installation and configuration using Microsoft RDP Client or Direct attachment
- Using DVD image for OS recovery
- Multiple snapshots using Microsoft Volume Shadow Copy Service ensure point-in-time data recovery
- Ultra320 LVD/SE external interface supports the most demanding tape device connection in backup and archiving operations
- Provide ISCSI-SAN solution (as ISCSI Target) for remote servers and clients using WUDSS 2003



Powered by Microsoft Windows Storage Server
2003 R2 / Microsoft Windows Unified Data Storage
Server 2003 for flexibility & seamless integration

Technical Specifications

Viking FS-800U NAS	
Processor	Intel® E3110 Dual-Core Xeon 3.00GHz 6MB L2 Cache (1333MHz FSB)
Memory	2GB standard, expandable to 8GB (800/667MHz DDR2 ECC/ non-ECC DIMM memory)
No. of CPU	1
Storage	
HDD Interface Technology	Serial-ATA II / SAS 3Gbps
Number of HDD	8 (maximum 1.0TB capacity per HDD Bay or more by adding additional RAID enclosures)
Type of RAID	Hardware Serial-ATA II / SAS RAID
RAID Level support	RAID level 0, 1, 3, 5, 6, 10, 30, 50, 60 or JBOD
Interface	
LAN	2 x Auto Sensing Gigabit NICs embedded 10/100/1000 Mbps (RJ45)
SCSI	Single Channel Ultra320 SCSI LVD/SE
USB	4 x USB 2.0 port
RS232	1 x Serial port
Expansion Slot	
PCI-Express	1 (x4) PCI-e slot
PCI-X:	2 x 64-bit 100 MHz PCI-X
Warranty	3 years
Dimensions/Weight	
Form factor	2U
Dimensions	Height : 3.5" (89mm) x Width : 17.2" (437mm) x Depth 25.5" (648mm)
Weight	55 lbs (24.9kg)
Electrical Rating	
Type	Single PSU
Rated Voltage	Auto ranging 100 to 240 VAC @ 50/60 Hz
Rated Current	4-8.5 Amp
Power Consumption	560W
Environmental Specifications	
Temperature	10C to 35C
Relative Humidity	8% - 90% non-condensing
Regulatory Agency Approvals	UL / CUL / TUV / EN60950 / iEC 60950 / CB / CCC
Operating Systems	
NAS Operating Systems	Microsoft® Windows® Storage Server™ 2003 R2 / Microsoft® Windows® Unified Data Storage Server™ 2003 (x86 or x64)
Network File System Protocol	SMB/CIFS , NFS, DFS, AppleTalk, HTTP & FTP
Management Interface	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 Services (VSS)
Backup Software	Windows backup (or optional 3rd party that supports WSS 2003 R2)
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.tandbergdata.com/apac

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