

Viking FS-420U NAS

Where Smarter Storage Begins

The Smarter Choice for Disk-Based Storage

What Is NAS?

NAS is an acronym for Network Attached Storage. 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™ 2003 R2 operating system and optimized for storage-specific management and applications, the Tandberg Viking FS-420U ensures ease of deployment, flexibility and seamless integration to customers' network environments. The hardware is also preconfigured and optimized to allow the Viking FS-420U NAS to be up and running in minutes.

Heterogeneous OS Support

In a typical workgroup environment, the Tandberg Viking FS-420U NAS serves as the file storage device hosting local user files for sharing and exchanging between Windows, Mac and UNIX/Linux clients.

Small Foot-Print

The Viking FS-420U NAS comes in a 1U form factor which provides a great solution that minimizes space requirements. This also means that more Viking FS-420U NAS units can be consolidated in a single rack system and thus providing customers with cost saving in a denser datacenter environment.

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Key Benefits

- 1U 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 4 HDD using Serial-ATA II / SAS 3Gbps 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 SAS 3Gbps/SATA II HDD and hardware RAID provide optimal storage performance & data availability
- Supports SMB/CIFS, NFS, DFS, Appletalk, HTTP & FTP file-systems for heterogeneous client sharing

Technical Specifications

| Viking FS-420U NAS | |
|-------------------------------------|---|
| Processor | Intel® E4600 Core 2 Duo 2.4 GHz 2MB L2 cache (800 MHz FSB) |
| Memory | 2GB standard, expandable to 8GB (667/553MHz DDR2 unbuffered, ECC/ non-ECC DIMM memory) |
| No. of CPU | 1 |
| Storage | |
| HDD Interface Technology | Serial-ATA II / SAS 3Gbps |
| Number of HDD | 4 (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 or JBOD |
| Interface | |
| LAN | 2 x Auto Sensing Gigabit NICs embedded 10/100/1000 Mbps (RJ45) |
| USB | 2 x USB 2.0 port |
| RS232 | 1 x Serial port |
| Expansion Slot | |
| PCI-Express | 1 (x8) PCI-e slot 1 (x4) PCI-e slot |
| Warranty | |
| 3 years | |
| Dimensions/Weight | |
| Form factor | 1U |
| Dimensions | Height : 1.7" (43mm) x Width :17.2" (437mm) x Depth 25.6" (650mm) |
| Weight | 38 lbs (17.2kg) |
| 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 | 10°C to 35°C (50°F to 95°F) |
| Relative Humidity | 8% - 90% non-condensing |
| Regulatory Agency Approvals | UL / CUL / TUV / EN60950 / iEC 60950 / FCC / CCC |
| Operating Systems | |
| NAS Operating Systems | Microsoft® Windows® Storage Server™ 2003 R2 (x86) |
| 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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