

ViperNAS™ 8400 series



FEATURE HIGHLIGHTS

Enterprise class antivirus protection - High performance real-time virus scanning protection accompany with automatic virus pattern update from Trend Micro ensuring data integrity

SmartExtend - Manage storage resource for multiple ViperNAS units in the network as a single IP Storage network. That's mean better resource utilization, ease of storage management and simpler expansion of storage infrastructure

SmartSync - Enable fast data replication and NAS to NAS backup by employing differential block transfer to speed up the process. All the backups are kept online for easy data restoration

Snapshot - Creates a read only copy of the contents of a NAS Server at a particular point in time. User can easily restore previous versions of files or folders without having to contact a system administrator

NDMP (Q2/3 2005) - Network Data Management Protocol (NDMP) which is an open standard protocol for backup of heterogeneous network attached storage

OVERVIEW

ViperNAS™ 8400 series incorporate all the latest advances in NAS (Network Attached Storage) field to meet the ever increasing demand for performance, reliability, with ease of management.

For workgroups or departments that are experiencing rapid data growth, you can deploy storage and satisfy users in just five minutes and at a fraction of the cost and maintenance of complex general purpose server.

Use it for disk based backup, file sharing, workstation backup, image archiving, remote office storage or web page storage. Add a single unit to a small, growing company or add dozens across multiple workgroups in an extended enterprise.

ARCHITECTURE

The ViperNAS™ 8400 series addresses the high growth, midrange storage market, combining cost effective ATA disk, S.M.A.R.T. disk drive monitoring technology and RAID reliability, the ViperNAS™ is capable of very high levels of performance.

Combine with the innovative serial ATA (SATA) disk technology, the ViperNAS™ 8420 delivers high performance with a reliable system design. The 2U rack design saves rack space and offers flexibility in storage capacity.

Installs in minutes, recognizes and supports all major network clients and platforms, requires very little administration or support with remote management via a Web browser making the ViperNAS™ ideal in any general purpose file servers, file sharing, backup remote office storage and archiving purpose.

Environmental monitoring of system, CPU temperature, CPU fan speed and CPU voltages with alarm, web and SNMP warning built-in.

HIGH PERFORMANCE

Featuring Pentium 4 processor, PCI bus design and Gigabit Ethernet connections, it virtually eliminates all bottlenecks on IO traffic, providing throughput for a wide range of applications for workgroups or departments storage requirements.

MODELS

Four models (see table) in the series with various customisations using ATA133, SATA disk technology

Models	Power supply system	Disk Technology
8400RS	Single	ATA-133
8400RR	Redundant	ATA-133
8420RS	Single	SATA
8420RR	Redundant	SATA

SPECIFICATIONS

Pentium 4 2.8GHz with 512KB L2 cache	E-mail notification, SNMP management (MIB II) and system buzzer alerts
Support up to 2GB un-buffered ECC or non-ECC memory DDR 266/333 memory, 2 DIMM slots	Multilingual Support - Localized web-pages: English, French, German, Italian, Spanish, Traditional Chinese, Simplified Chinese, Korean, Japanese
LCD console for setting IP addresses and displaying system information	Code-Pages - English and western European, CJK DBCS, Unicode, Arabic and Hebrew
Hard disk (ViperNAS 8400) - 8 hot-swappable ATA-133 high-capacity hard disk drives	Data Protection - Embedded Snapshot technology for maintaining consistent backup images of file system (256 snapshots standard)
Hard disk (ViperNAS 8420) - 8 hot-swappable SATA high-capacity hard disk drives	SmartSync - NAS to NAS data synchronization
RAID - RAID 0,1,5 and JBOD with global hot-spare and RAID hot expansion capability	SmartExtend - Extend capacity over existing Ethernet infrastructure
Optical device - Optional DVD-ROM/CD-RW combo drive	Advanced RAID bad sector recovery mechanism
LAN interface - Dual Gigabit	Local tape backup with optional SCSI tape drive or optional SCSI tape library
PCI Expansion - Low Profile PCI slot x 1	Built in tape backup software
Network Environment - Microsoft Windows 95/98/Me/NT/2000/XP, Solaris, FreeBSD, Linux and other UNIX derivatives, MacOS 8.x, 9.x, OS X and Novell NetWare (Bindery only)	CD-R/RW and DVD+RW burning capability
Network Protocol - TCP/IP, AppleTalk, IPX, CIFS/SMB, NFS v3, NCP, AFP, NDMP, HTTP, FTP, BOOTP, RARP, DHCP, DNS, WINS, SMTP, SNMP, NTP, SSL	Built in Trend Micro antivirus software
User quota control and folder quota control	Network Security - Integrate with Microsoft Windows NT/2000/2003 Domain and Active Directory environment. Support UNIX Network Information Service (NIS) Support Access Control List (ACL) Secure Sockets Layer (SSL) 128-bit encryption
Environmental monitoring of system/CPU temperature, CPU fan speed and CPU voltages	Operating Environment - Operating temperature: 0 - 40 C, Operating humidity: 10 - 80%, non-condensing
S.M.A.R.T. disk drive monitoring for reliability	Physical Specifications - 88x436x710mm (H x W x D)
Optional dual redundant power supply system	Approvals - FCC Class A, cUL, UL, CE, BSMI

Specifications and functions are subject to change without notice

Backup

- CommVault
- CA
- Legato
- VERITAS
- Syncsort

Archiving

- CommVault
- VERITAS / KVS
- Legato

Management

- Documentum
- VERITAS
- Legato
- Intermin
- CommVault

High Availability

- PowerQuest
- CommVault
- VERITAS
- VMWare

Infrastructure

- Alacritech
- Brocade
- Cyclades
- Emulex
- Peribit
- Qlogic
- Infinicon

Disk

- EMC
- NetApp
- RamSan
- Viper

Tape

- ADIC
- Overland
- Quantum
- Qualstar
- StorageTek
- SpectraLogic

About XSI

XSI is a customer-centric company established over 18 years ago that leverages the long-term relationships it has with leading technology developers to bring to Australian system managers, products that demonstrate significant advantages in operation and cost savings. XSI is a Federal Government Endorsed supplier and ISO9002 Quality Assured. XSI is part of the UXC group of companies.