

# Titan VNS

-Versatile Network Server-



## Overview

The Titan VNS is a dual-function NAS server performing both CD mirror and file server applications. It is the first NAS server available in the market for cross-platform storing and sharing large amounts of data files and/or CD/DVD information.

▶ Performing both CD mirror and file storage functions

▶ Cross-platform connectivity

▶ Multiple protocol transparency

▶ Remote web-based administration

▶ Complete data redundancy functions

▶ Simple LCD panel system settings and monitoring



### Technical Specifications

#### Controller

- CPU ▶ Pentium class CPU 300MHz
- Memory ▶ 32MB SDRAM (on board), expandable to 256MB
- EIDE Channels ▶ Four independent ATA-100
- Connectivity ▶ Auto-sensing 10baseT/100baseTX Fast Ethernet
- LCD Display ▶ 3 push-buttons back-lit LCD display for IP setting & system status/event information

#### Data Capacity

- ▶ Available with over one Terabyte data storage
- ▶ Up to 1000 volumes

#### Data Redundancy

- ▶ Built-in RAID 0,1,5
- ▶ Data in a file volume can be backed-up/restored using popular backup software.
- ▶ Available built-in tape device supporting mirror or file volume backup and restore.
- ▶ CD-R, RW or DVD-R device supporting DAO (Disk At Once) to write to media.

#### Security Management

Share and User level security

#### Media Formats

- CD/DVD formats ▶ CD-ROM, CD-R, CD-DA (Audio CD), Video CD, Photo CD, Multi-Session, and DVD
- ▶ ISO9660 level 1,2,3 (including: Romeo, Joliet, Rock-Ridge Extension), High Sierra, HFS, UDF, and Hybrid

#### File System

- Cross-platform file system ▶ The internal file system is compliant to different network file sharing protocols, such as Windows, NetWare, Macintosh and UNIX.
- ▶ It allows different network OS's to read/write data simultaneously from/to the same network share.

#### Firmware Upgrade

- ▶ Upgrading is remotely done using standard internet browser (HTTP).

#### Network Environments

Network	Network Systems	Protocols	Security	Data access
Windows	95/98/NT/ME/2000/XP	NetBEUI, NetBIOS over TCP/IP	Share and User level security	MS Explorer
NetWare	3.1x/4.x/5.x	NCP over IPX	Authenticated by local user database, NetWare bindery server	Standard tools provided by NetWare client
Macintosh	7.x/8.x/9.x/10.x	AppleTalk, TCP/IP	Share and User level security	AppleShare or AppleShareIP
UNIX/Linux	NFS	NFS version 2	Host IP, UID, GID	UNIX or Windows-based NFS clients
WEB	NS4.x, IE4.x~, HTML 2.0~	TCP/IP	Share and User level security	Standard internet browser
FTP	FTP	TCP/IP	Share and User level security	FTP



#### Targeted Applications:

- ▶ Data warehouse
- ▶ Imaging & Graphics
- ▶ Education & Library
- ▶ Pre-press environment
- ▶ ISP & ASP
- ▶ Government, Banks, Hospitals, etc.



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