

DNS-3000

3U Intel® Pentium® 4 Storage Server with 15 SATA

NEW



Features

- Enterprise 3U storage server NAS
- Three 380-watt hot-plug redundant power supplies
- Dual Gigabit Ethernet with failover and load balance
- Supports Snap shot (Microsoft Volume Shadow Copy)
- Supports hardware RAID levels 0, 1, 5, 10, 50 and matrix RAID function
- Fifteen SATA hot hot-swap hard drives, capacity expansion to 4.5 TB
- SCSI Controller (embedded) with two external connectors for backup device or capacity expansion
- Optimization with Windows Storage Server 2003
- Supports iSCSI for SAN environment

CE FCC

Introduction

Engineered for the highest performance-to-cost ratio, the DNS-3000 delivers high performance, plug and serve functionality, and easy installation with a reasonable price tag. It connects directly to existing local area networks serving Windows, UNIX, Linux, NetWare and Macintosh users. The DNS-3000 offers enough flexibility to configure a reliable storage system for networks. The DNS-3000 reduces TCO, offering easy installation and management and can be administered remotely. The DNS-3000 supports hardware RAID levels 0, 1, 5, 10, 50 and hot spare. The new feature "Distributed sparing" is the ability to use all disks in creating a spare as a means to achieve higher performance by using all disks in an array.

The DNS-3000 offers iSCSI functionality to fulfill cost efficient IP SAN environment, and with Windows server 2003 pre-installed, provides highly integrated storage-serving for enterprise environments. New features include directory quota, file screening and volume shadow copy, giving user the flexibility to restore data easily without administrator help. The DNS-3000 provides two external Ultra 320 SCSI ports, allowing scalable capacity or tape library. Dual Giga LAN network connections provide networking features such as failover and load balancing.

Specifications

Processor System

- **CPU** Intel® Pentium® 4 with Hyper-Threading
- **Max. Speed** 3.2 GHz
- **L2 Cache** 512 KB/1 MB
- **Chipset** Intel E7210

Bus

- **Front Side Bus** 800/533/400 MHz

Memory

- **Technology** DDR400 SDRAM with ECC
- **Max. Capacity** 4 GB
- **Socket** 168-pin DIMM x 4

Ethernet

- **Interface** 10/100/1000Base-TX x 2 WOL (with failover/load balance)
- **Controller** Intel 82547GI CSA x 1, Intel 82541 x 1
- **Connector** RJ-45 x 2

SCSI (Optional)

- **Interface** Ultra 320
- **Controller** Adaptec 7902W
- **Max. Data Transfer Rate** 320 MB/sec
- **Channel** 2 (external)

Hardware RAID

- **Controller** Hardware RAID support RAID 0, 1, 5, 10, 10N, Matrix RAID, OCE, Online Migration and Distributed Sparing

Drive Bay

- **3.5" HDD** 15 (internal SATA HDD)

I/O Interface

- **Serial** 1 (RS-232)
- **Parallel** 1 (ECP/EPP)
- **USB** 4 (USB 2.0)
- **VGA** 1 (for local configuration)
- **PS/2** 2 (mouse x 1, keyboard x 1)

Management

- **Indicator** LED for system power, fan/temperature alarm, LAN active x 2; LED for HDDS ID/power/active
- **System Monitoring** Power, fan/temperature/voltage alarm

Cooling

- **Fan** 4 x 9 cm hot-swap cooling fans
2 x 8 cm exhaust fans with air shrouds

Power Supply

- **Watt** Watt 760 W + 380 W w/fan speed control
- **Redundant** Triple redundant hot-swap
- **Input** AC 90 ~ 264 V @ 47 ~ 63 Hz, full range

Environment

- **Temperature** 0 to 35 degrees C
- **Humidity** 5 ~ 90%, non-condensing

Physical

- **Dimensions (W x H x D)** 17" x 5.1" x 25.5"
- **Weight** 33 Kg (72 lb) (w/o HDDs)

Ordering Information

Part Number	Processor	RAM	SCSI
▪ DNS-3000-EW	Pentium® 4 3.2/FSB800	1 GB/DDR400/ECC	-
▪ DNS-3000-ESW	Pentium® 4 3.2/FSB800	1 GB/DDR400/ECC	2
▪ DNS-3000-BW	--	--	-
▪ DNS-3000-BSW	--	--	2

*HDDs are not included

Software

- **System** Windows Storage Server 2003, Persistent Storage Manager 2.0, Redundant OS, Service for UNIX 3.5, Service for Netware 5.0, iSCSI initiator, SnapShot
- **Network Transport Protocol** TCP/IP; IPX; NetBIOS; AppleTalk
- **File Sharing Protocol** Microsoft Networks (CIFS/SMB); Unix (NFS 2.0/3.0); Apple (AFP); Novell (NCP); WWW (HTTP 1.0); File Transport Protocol (FTP); Distributed File System (DFS)
- **Security and Authentication** Active Directory, Kerberos, Windows NT Domain, NIS, NTLM, SSL, IPsec, and Apple User Account Management (UAM); Encrypting File System (EFS)
- **System Management** Admin Web UI; Remote Desktop for Administration; Virtual Disk Service (VDS); SNMP; Telnet; Quota Management; File Screening; Local UI;

