



NEC

NEC Storage NS-Series

**The Easy to
Deploy NAS
Solutions**

NEC Storage NS440

- **Heterogeneous Storage Consolidation**
- **Advanced Network Connectivity**
- **Fast, Easy Plug and Play Setup**
- **Comprehensive Management Tools**
- **Scalability of up to 14TB**
- **Performance through FC Connectivity**
- **Powered by Windows Storage Server 2003**

The **EASY NAS**
Appliance Solution

www.nec-online.com
a division of NEC Computers International BV

NEC Storage NS440

The EASY NAS Appliance

The **NEC Storage NS440** is the easy NAS Appliance Solution from the NEC Storage NS-Series. It provides high reliability and performance, for cost-effective operation in demanding heterogeneous data and file serving environments.

Supporting all major network protocols including CIFS, NFS, & Netware, delivering high performance in multi-platform environments the **NEC Storage NS440** appliance easily integrates into existing and demanding network infrastructures.

The **NEC Storage NS440** also supports NAS gateway functionality allowing for the connect-in of Fibre Channel Storage Subsystems. Coupled with "point in time" snapshot capability of Volume Shadow Copy Service the **NEC Storage NS440** is able to ensure high data availability.

The **EASY NAS** Appliance Solution



NEC STORAGE NS440 CHARACTERISTICS

Mono Intel Xeon 2.8GHz/1MB/800MHz FSB with EM64T (Up to 2)
up to 12GB* DDR333 SDRAM

1-Channel RAID controller with 128MB Cache
Integrated Dual Gigabit Ethernet Cards
Combo Slim Optical Drive
Redundant HotSwap 1x 600W PSU (Up to 2)

Microsoft Windows Storage Server 2003 Preloaded :
- Std Edition for SCSI Configurations
- Std Edition with Block Mode Support for FC Connectivity
Windows Storage Manager
ESMPRO Management Suite

INTERNAL DATA HARD DISK DRIVES

73/146/300GB 10Krpm U320 SCSI HDD
73/146GB 15K rpm U320 SCSI HDD

RAID SUPPORT

RAID 0,1,0 + 1,3,5,10,30,50 Hardware Support
SecuRAID 321 2-Channel U320 RAID Controller
128MB/256Mb* cache and battery backup unit

I/O SLOTS

6x 64-bit/100MHz PCI-X; 3x full length; 3x low profile
Optional Support for PCI-Express

* check availability



NAS appliances powered by Microsoft Windows are dedicated file servers that are highly scalable, reliable and easy-to-manage, connecting seamlessly to existing infrastructures.



NETWORK CONNECTIVITY

64-bit PCI Intel PRO/1000MT low profile 2 ports (Copper)

INTERNAL TAPE BACKUP

DAT72; AIT-1; AIT-2; AIT-3

OPTIONAL SOFTWARE & SYSTEM MANAGEMENT

Windows Services for Netware
Windows Services for UNIX
RMC Management Card for Enhanced Management
Support for Veritas Backup Exec

PHYSICAL SPECIFICATIONS AND FORM FACTOR

Form Factor	2U EIA Rack Mount
Basic Product (WxDxH, w/ bezel)	445 x 772 x 88 mm
Weight	20-25 kg
Operating Constraints	10-35°C, 20-80% RH

WARRANTY

Standard Warranty	3 years on-site NBD
-------------------	---------------------

NEC ULTRACARE SERVICES

Warranty Extensions	4 hour Response 8x5 or 24x7; 6 hour 8x5 RTC
---------------------	---

REGULATORY & SAFETY

Regulatory Compliance	UL, CSA, CE
-----------------------	-------------

For additional information on the NEC Storage NS440, or other products of the NEC Storage NS-Series please visit www.nec-online.com