● NR330A-IP4

● NR760A-IP2

● NR340A-IP2

Desktop, 2U 8 Bay and 3U 16 Bay
iSCSI/IP SAN Storage

» Backplane design supports SATA 6/3 Gbps hard disk drives
» Front-end dual ports/quad ports Gigabit Ethernet TCP/IP offload device
» Hardware RAID Intel IOP 341 800 MHz 64-bit processor
» Support RAID levels 0, 1, 0+1, 3, 5, 6,10, 30, 50, 60 and JBOD
» Built-in LCD control and easy operation
» Online volume expansion and migration
» Energy saving disk auto-spindown

Overview

Netstor's iSCSI/IP SAN series is a brand-new, high-performance storage providing a wide selection in form factor including desktop 8-drive, 2U rackmount 8-drive, and 3U rackmount 16-drive, featuring embedded hardware RAID controller with two/four Gigabit Ethernet ports. The 2U/3U rackmount design can be integrated easily into any existing storage infrastructure or standardized 19-inch rack, featuring easy management with one logic volume shared by as many as 32 hosts.

The fast dual/quad Gigabit Ethernet ports on Netstor's iSCSI/IP SAN storage provide full iSCSI offload with load-balancing and failover functions. The iSCSI/IP SAN storage is certified with Microsoft Windows Multipath I/O (MPIO), featuring host access control and challenge-handshake authentication protocol (CHAP). RAID management and enclosure monitoring can be achieved over TCP/IP network as well as LCD control panel on enclosure.
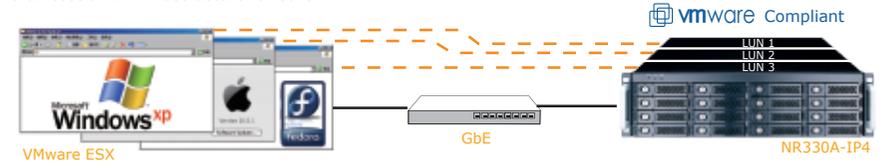
Web-based User Interface

Netstor IP storage solution not only provides an LCD panel for quick configuration but also embeds a friendly and easy to use web-based GUI that allows users to manage storage from Internet access anytime and anywhere for RAID setting, storage control and monitoring.
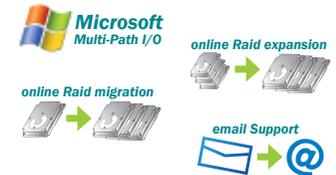
VMware ESX 4.1 Support

VMware, a giant in server virtualizing, has created a platform that allows multiple operating systems to run simultaneously on one computer. Each operating system is independent, which means it will not be affected by any crash from any running counterpart operating system; meanwhile, SAN structure allows multiple hosts/computers to read or write at the same time. iSCSI IP SAN storage, featuring easy installation and unlimited scalability, has added a more cost-effective and flexible selection to SAN structure. Netstor's iSCSI IP SAN storage is compatible with VMware including the latest version ESX 4.1. Users who utilize Netstor's IP SAN storage and VMware have reduced the overall cost on IT infrastructure for sure.

vmware Compliant

VMware ESX
GbE
NR330A-IP4
LUN 1
LUN 2
LUN 3

More Features

■ Dual/quad GbE ports with load-balancing and failover for high availability
■ Support MPIO, MC/S, trunking and LACP
■ N-way mirror and offline array roaming support
■ Online volume expansion and migration
■ Event notification via e-mail, SNMP trap, Windows and browser
■ Smart fault sector relocation and hard disk drive S.M.A.R.T. enabled

Microsoft Multi-Path I/O
online Raid expansion
online Raid migration
email Support

Specifications

Model	NR760A-IP2	NR340A-IP2	NR330A-IP4
Form Factor	Desktop 8 bay	2U 8 bay	3U 16 bay
Host Interface	Dual port iSCSI Gigabit Ethernet		Quad port iSCSI Gigabit Ethernet
HDD Interface	SATA (3/6 Gbps)		
No. of Disks	Up to 8	Up to 8	Up to 16
CPU & Memory	Intel IOP 341 800 MHz and 1 GB DDR2-533		
RAID Function	RAID 0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60 and JBOD		
LED Display for Each Tray	White – power-on indicator Blue - busy (HDD access) indicator		
LED Display for Enclosure	Power-on LED - white Fan normal - green; fan failure - red Temp. normal - green; temp. over 50℃ - red		
Material	Aluminum housing with solid metal construction	Heavy-duty cold-rolled steel	
Power Supply	Single 300 W (IPC-grade) Input: 90-230 V AC, 50/60 Hz	Redundant 400 W (IPC-grade) Input: 90-230 V AC, 50/60 Hz	
Cooling	Two hot-swappable 80 × 80 × 25 mm cooling fans	Two hot-swappable 75 × 75 × 28 mm blowers	
Alarm	Buzzer beeping for fan failure or over temperature 50℃ occurs		
External Enclosure Management	Fast Ethernet port for web-based management Event notification via e-mail, SNMP trap, Windows and browser		
Dimension	231(D)×156(W)×365(H) mm 9.1(D)×6.1(W)×14.4(H) inch	559(D)×482(W)×88(H) mm 22(D)×19(W)×3.5(H) inch	559(D)×482(W)×131(H) mm 22(D)×19(W)×5.16(H) inch
O.S. Support	O.S. independent, compatible with Windows, Mac OS and Linux		