



NetCOR™ 7500 *iSCSI/IP-SAN storage*

HIGH AVAILABILITY SAS IP-SAN / iSCSI NETWORK STORAGE FOR THE ENTERPRISE



KEY FEATURES

- 12 to 60 SAS or SATA drives up to 60TB
- Up to 498 MB/s read 393 MB/s write
- Simple 6-Step Setup and configuration
- StorSAN™ Manager web-based GUI
- High-Performance AMD® Athlon DUAL CORE Architecture
- N+1, Zero Down time Redundancy
- High Performance RAID 0/1/5/6/10
- Modular / Field Replaceable design

ZERO-DOWNTIME ARCHITECTURE

The NetCOR™ 7500 IP-SAN/iSCSI disk arrays provide secure, highly scalable and redundant network SAN storage for your Windows, Macintosh and Linux server networks.

NetCOR™ 7500 offers, industry-leading, high availability features with active failover capability, 72 hour battery-backed cache protection and full redundancy and serviceability for controllers, power supplies, fans and hard drives.



Every component is hot swappable without interruption to service or loss of data.

The sophisticated mirrored battery backed cache and path failover capabilities give the NetCOR™ 7500 best-in-class system fault tolerance. The only component that is not redundant is the mid-plane which has been designed to be fully passive with no active components that could risk a system failure. Each system offers a full set of RAID configurations (RAID 0, 1, 5, 6, 10) and a full suite of storage provisioning and security features.

SIMPLE & FLEXIBLE

At the center of every NetCOR™ 7500 is the integrated StorSAN™ Manager operating system. StorSAN™ Manager will help assign and manage network settings, iSCSI parameters and RAID volumes all from one easy-to-use interface. The 6-Step setup wizard makes



NetCOR™ easy to install and simple to administer yet StorSAN™ is robust enough to

handle critical management, consolidation, and data protection needs. The NetCOR™ 7500 grows with network storage needs. Each NetCOR™ 7500 system allows for expansion of up to 4 high-performance SAS or SATA disk arrays giving network servers up to 60TB of raw storage. With the Multi-path IO management, each NetCOR™ system provides expansion arrays with dual data channels and seamless failover down to the last drive. Storage is centralized under a single StorSAN™ Manager console simplifying storage management for multiple servers in a single network environment.

PERFORMANCE DRIVEN

The NetCOR™ 7500 IP-SAN has been designed on a world-class AMD® Athlon



Dual-Core platform to ensure reliability and performance. Combined with industry leading RAID technology and SAS/SATA II disk

drives, NetCOR™ 7500 provides best-of-breed network storage with robust RAID fault tolerance.



NetCOR™ 7500 *iSCSI/IP-SAN storage*

HARDWARE SPECIFICATIONS

7500S iSCSI



Capacity - Model Number *iSCSI, 1GbE, 6-PORT, SINGLE CONTROLLER*

(BASE MODELS - NO hard drives installed)
SINGLE CONTROLLER - N7500S

System Specifications

- Processor(s): AMD® DUAL CORE ATHLON
- Single Controller (optional- 2nd Controller)
- Memory: DDR, 2GB, Persistent
 - 72 Hr. cache battery backup
- Max # Hard Disks: 12 SATA (7200) or SAS (15K)
- Drive Trays included: 12 Trays for SAS/SATA
- Data Connections: (6) iSCSI 1GbE
- Management Ports: (2) Com Port
- Expand: (2) x4 12Gbps SAS (2 per controller)
 - Up to (4) SAS expansion arrays (48 drives)
- RAID: 0,1,5,6,10, global spare auto rebuild

Physical Specifications

- Dimension: 2U, 3.5h x 17.5w x 27d inches
- Hot-Swap & Redundant: PSU, Fans
- Op. temp: 10° C to 35° C (50° F to 95° F)
- Op. Humidity: 10% to 90% Non-condensing

NetCOR Management

- StorSAN™ manager console w/ remote mgmt
- Telnet and Serial console management
- SNMP mgmt (Enterprise MIB), iSNS
- Component health monitoring
- Volume Management (256 LUNs)
- Online Capacity expansion
- Snapshot (max. 256 Snapshots / Virtual Disk)
 - Point-In-Time Snapshots
 - Scheduled Snapshots
 - Instant Snapshots
- LUN masking, Chap authentication
- Drive diagnostics, drive inspection
- Bad sector reconstruction
- Auto drive rebuild with global hot spare

7500D iSCSI



Capacity - Model Number *iSCSI, 1GbE, 12-PORT, DUAL CONTROLLER*

(BASE MODELS - NO hard drives installed)
DUAL CONTROLLER HA - N7500D

System Specifications

- Processor(s): AMD® DUAL CORE ATHLON
- Dual Controller (Fail-over)
- Memory: DDR, 4GB, Persistent / Mirrored
 - 72 Hr. cache battery backup
- Max # Hard Disks: 12 SATA (7200) or SAS (15K)
- Drive Trays included: 12 Trays for SAS/SATA
- Data Connections: (12) iSCSI 1GbE (6 per ctrl.)
- Management Ports: (4) 1GbE (2 per ctrl.)
- Expand: (2) x4 12Gbps SAS (2 per controller)
 - Up to (4) SAS expansion arrays (48 drives)
- RAID: 0,1,5, 6,10, global spare auto rebuild

Physical Specifications

- Dimension: 2U, 3.5h x 17.5w x 27d inches
- Hot-Swap & Redundant: Controllers, PSU, Fans
- Op. temp: 10° C to 35° C (50° F to 95° F)
- Op. Humidity: 10% to 90% Non-condensing

NetCOR Management

- StorSAN™ manager console w/ remote mgmt
- Telnet and Serial console management
- SNMP mgmt (Enterprise MIB), iSNS
- Redundant OS w/ component health monitor
- Active-active controller failover
- IP and disk group failover
- Volume Management (256 LUNs)
- Online Capacity expansion
- Snapshot (max. 256 Snapshots / Virtual Disk)
 - Point-In-Time Snapshots
 - Scheduled Snapshots
 - Instant Snapshots
- LUN masking, Chap authentication
- Drive diagnostics, drive inspection
- Bad sector reconstruction
- Auto drive rebuild with global hot spare

200e ARRAY



Capacity - Model Number *SATA/SATA JBOD ARRAY, FOR USE W/ iSCSI*

(BASE MODELS - NO hard drives installed)
SINGLE CHANNEL SAS ARRAY - N200ES
DUAL CHANNEL SAS ARRAY - N200ED

(SATAII 7200 RPM DISK DRIVES EXPANSION)

(500GB) - 500SATA (1000GB) - 1000SATA
(750GB) - 750SATA

(SAS15K RPM DISK DRIVES EXPANSION)

(146GB) - 146SAS (400GB) - 400SAS
(300GB) - 300SAS

System Specifications

- Single or Dual Channel SAS I/O Modules
- Max # Hard Disks: 12 SATA (7200) or SAS (15K)
- Drive Trays included: 12 Trays for SAS/SATA
- Data Connections:
 - (3) x4 12 Gbps SAS Ports (Single Channel)
 - (6) x4 12 Gbps SAS Ports (Dual Channel)
- Expand: Daisy-Chain capable
 - Up to (3) SAS expansion arrays per iSCSI

Physical Specifications

- Dimension: 2U, 3.5h x 17.5w x 27d inches
- Hot-Swap & Redundant: PSU, Fans
- Op. temp: 10° C to 35° C (50° F to 95° F)
- Op. Humidity: 10% to 90% Non-condensing

NetCOR 7500 Warranty / Support

Standard Warranty (included)

- Hardware Limited Warranty: 3 Years
- Toll-Free Technical Phone Support: 3 Years
- Online Technical Support: 3 Year

Platinum Package (optional upgrade)

- Hardware Limited Warranty: 3 Years
- 24/7 Toll-Free Phone Support: 3 Years
- Same-Day On-Site, 4-hr response : 3 Years
- Advanced Parts Replacement : 3 Years



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