

StorMax 2504 & 3504 iSCSI Storage Appliance

2U with 12 Drive Bays & 3U with 16 Drive Bays



FEATURES

- High-density, feature rich iSCSI storage appliance designed for unified file and block storage management, delivering Network Attached Storage (NAS), iSCSI, InfiniBand and Fibre Channel Storage Area Network (SAN) functionality.
- Provides built-in virus protection while enabling the connection of multiple Network Interface Controllers, including Gigabit Ethernet, 10 Gigabit Ethernet, Fibre Channel and InfiniBand.
- Special features include: Data and Volume Replication, Volume Snapshot, Automatic Failover for iSCSI Volumes, WORM (write once, read many) and NDMP (Network Data Management Protocol).
- Ideal for a variety of applications, including disk-based backup and restore, storage consolidation, and disaster recovery.

SPECIFICATIONS	
CPU Support	
- Up to two Intel® Xeon® processor 5500 series, based on next-generation Intel® microarchitecture, code named Nehalem	
- Up to two quad-core (Shanghai) / 6-core (Istanbul) AMD Opteron 2000/2300 Series processors	
Motherboard Chipset	
- Intel® 5520 for Intel Xeon processors	
- nVIDIA MCP55-Pro chipset for AMD Opteron processors	
QPI (GT/s) /System Bus Speed (MHz)	
- 6.40 GT/s / 5.86 GT/s / 4.80 GT/s (Intel Xeon)	
- 2000MHz HyperTransport system bus (AMD Opteron)	
Memory Support	
- 12 x DDR3 memory DIMMs through 6 memory channels, and supports 96GB DDR3 1333/1066/800 MHz Reg. ECC memory (Intel Xeon)	
- Up to 64GB DDR2 800/667/533 MHz ECC registered memory (AMD Opteron)	
On-Board Video and LAN	
- On-board video controller	- Dual on-board Gigabit Ethernet Connections
RAID Controller Card Options	
A wide selection of 4, 8, 12, 16 port 64-bit PCI-X or PCI Express x8 SATA/SAS RAID controller cards, with RAID 0, 1, 5, 6, 10, 50, Single Disk, JBOD support	
Chassis	
- Up to 4 hot swap drives in 1U, 12 hot swap drives in 2U, 16 hot swap drives in 3U, 24 hot swap drives in 4U and 5U, and 50 hot swap drives in 9U	
- Hot swap redundant power supply options	
- Multi-lane Mini-SAS/SATA 3Gb/s backplane, or 3Gb/s SAS Expander technology with Enclosure Management	
Advanced Storage Management Features	
<ul style="list-style-type: none">• Network Data Management Protocol (NDMP) v. 4 & WORM (Write Once Read Many) support• Backup Functionality• Symantec Backup Exec agent (RALUS) to support versions 11, 12 and 12.5• Basic API Configuration• Volume and Data Replication & Volume Snapshot• Asynchronous Volume Replication over WAN (pair to pair – multiple sources)• Improved random performance of iSCSI• Windows Server 2008 Clustering Support (persistent reservation SCSI-3)• Automatic Failover for iSCSI Volumes• iSCSI Initiator / iSCSI Target• Shadow Copy of OS for System Update• Task Mechanism with Scheduling• Network Bonding/Teaming• Supports Multiple Network Interface Card (NIC), Network UPS, Fibre Channel Interconnects, Multi-CPU, Hardware RAID• IP-SEC (Internet Protocol Security)	
Warranty	
Optional on-site service warranty	



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