



NexStor XRJ-52X4 Storage Appliance

The NexStor XRJ-52X4 Storage Server provides powerful reliability and scalability, and can be deployed almost anywhere.

Incredible Performance and Flexibility in an Energy Efficient Form Factor

- **Maximum Versatility:** The NexStor XRJ-52X4 rack mountable Storage Appliance is optimized for enterprise-level high-capacity storage applications. Featuring 24 hot-swap 3.5" SAS/SATA hard drive trays and 2 fixed internal hard drive bays in a 4U space, the NexStor XRJ-52X4 Storage Appliance offers high power efficiency, optimized hard drive signal trace routing, and improved HDD tray design to dampen vibrations and maximize performance. Powered by a high efficiency redundant Gold Level 1200W power supply with PMBus functionality and I2C for enhanced power management and five hot-plug redundant cooling fans, the NexStor XRJ-52X4 Storage Appliance is a reliable and hassle-free maintenance storage system.
- **Protects and Maintains Data Availability with Minimal Downtime:** The NexStor XRJ-52X4 Storage Appliance features dual redundant hot swappable controllers with protected cache, drives, and key components eliminate single point of failure. Hardware RAID protection also ensures data accessibility during drive failure. The NexStor XRJ-52X4 Storage Appliance also supports snapshot and replication for local and offsite protection.
- **Resource Optimized Just for You:** The NexStor XRJ-52X4 Storage Appliance boasts industry leading performance-per-Watt/per-Dollar on the market and helps your business to meet workload demands with superb stability, efficiency and long term business value.
- **Suitable For a Wide Range of Uses:** The NexStor XRJ-52X4 Storage Appliance excels in mid-range Enterprise, industrial, and military environments and is capable of providing network storage support for broad range of applications ranging from Video Server, Virtualization, Unified Storage, Data Mining and Warehousing, HPC, Simulation, and more.

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Storage Management Software	Microsoft Windows Storage Server, Open-E DSV6S
Redundancy	Optional Dual Node, Cluster Ready With Failover
RAID Levels	0, 1, 10, 5, 6, 50, 60 (Optional Controller For External Expansion)
Snapshot & Replication	Volume Snapshot & DFS Replication with Deduplication, Windows Shadow Copy
Operating System Support	Microsoft Windows Server 2003 & 2008, XP, Vista, Linux - Red Hat, Cent OS, Novell SUSE, FreeBSD
Virtualization Support	VMware V4 ready, Citrix Xen, Microsoft Hyper-V
Network Storage Protocols	CIFS, NFS, NTP, LDAP, PDC, FTP, DHCP & iSCSI
Backup	Integrated Backup Utility, Support for Computer Associates (CA) Arcserve, Symantec NetBackup
Maximum Number of Drives	Up to 24 x 3.5" SSD, SAS or SATA HDD's per Enclosure
System Expansion	Up to 11x NexStor JRS-EOX4 4U24 3.5" SAS/ SATA HDD, SDD Expansion Enclosures
Maximum External Storage	Up to 264x 3.5" SSD, SAS, or SATA HDD's Fully Expanded
Maximum Volume Size	Up to 16TB (Online Volume Expansion, Thin Provisioning)
Memory Sizes	1GB, 2GB, 4GB, 8GB, 16GB DDR3
Processor	Single or Dual Intel®Xeon®Processor 5600/ 5500 Series
Network	Dual GB Ethernet Standard, Up to 6 Gb Ethernet, Up to 4 10 Gb Ethernet, Link Aggregation, MPIO with Load Balancing and Failover
Power Supply	Dual Hot Swap 1200W 80+ High Efficiency
Dimensions (H x W x D)	7" x 17.2" x 26" (178mm x 437mm x 660mm)
Ventilation	3x 6300 RPM Hot-swap PWM Cooling Fans, 2x 5000 RPM Hot-swap Rear Exhaust PWM Fans
Operating Temp	Operating Temperature: 10° to 35° C (50° to 95° F) Non-Operating Temperature: -40° to 70° C (-40° to 158° F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-Operating Relative Humidity: 5 to 95% (non-condensing)
Form Factor	4U Rackmount Server Chassis



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