



## NexStor XRJ-52Y4 SAN NAS Storage Server

*The NexStor XRJ-52Y4 is an enterprise class storage server that boasts extremely high storage density and high availability features; and can be deployed almost anywhere.*

### A Heavy Duty Workhorse

The NexStor XRJ-52Y4 is a brilliant marriage of high-performance and high-capacity that is ideal for large enterprise storage needs.

- **Maximum Versatility:** The NexStor XRJ-52Y4 is optimized for enterprise-level high-capacity storage applications and features 36x (24 front + 12 rear) 3.5" Hot-swap HDD bays as server chassis in a 4U rackmount form factor. The NexStor XRJ-52Y4 design offers extra high-density of HDD per space ratio in a 4U form factor, high power efficiency, optimized HDD signal trace routing and improved HDD tray design to dampen HDD vibrations and maximize performance. Equipped with 1400W (Gold Level) high-efficiency redundant power supplies and seven hot-plug redundant cooling fans, the NexStor XRJ-52Y4 is a reliable and hassle-free maintenance storage system.
- **Resource Optimized Just for You:** The NexStor XRJ-52Y4 Server 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-52Y4 High Density SAN NAS Storage Server excels in commercial, industrial, and military environments and is provides a tiered storage platform for broad range of high capacity applications ranging from Data Mining and Warehousing, HPC, Cloud Storage Infrastructure Simulation, DB/File Server, iSCSI, Media/Stream Server, Video-on-Demand, Security Server, and much more.

# NexStor XRJ-52Y4 Server

|                             |  |
|-----------------------------|--|
| 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 36x 2.5" SSD, SAS or SATA HDD's per Enclosure  |
| System Expansion            | Up to 11x NexStor JRS-EOY4 4U36 3.5" SAS/ SATA HDD, SDD Expansion Enclosures   |
| Maximum External Storage    | Up to 432x 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 DDR3  |
| Processor                   | Single or Dual Intel®Xeon®Processor 5600/ 5500 Series  |
| Network                     | Dual GB Ethernet Standard, Up to 10 Gb Ethernet, Up to 4 10 Gb Ethernet, Link Aggregation, MPIO with Load Balancing and Failover   |
| Power Supply                | Dual Hot Swap 1400W 80+ High Efficiency  |
| Dimensions (H x W x D)      | 3.5" x 17.2" x 27.5" (89mm x 437mm x 698mm)  |
| Ventilation                 | 7x 8cm (middle) Hot-swap Cooling Fans, Redundant Cooling   |
| Operating Temp              | Operating Temperature: 10° to 35° C (50° to 95° F)<br>Non-Operating Temperature: -40° to 70° C (-40° to 158° F)<br>Operating Relative Humidity: 8% to 90% (non-condensing)<br>Non-Operating Relative Humidity: 5 to 95% (non-condensing) |
| Form Factor                 | 4U Rackmount Server Chassis  |



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