

RELDATA 9240i

Unified iSCSI Storage System

The Next Generation of iSCSI Storage Systems

For the same initial cost from other iSCSI vendors, RELDATA delivers higher application availability, more functionality, no vendor lock-in for disk storage, more useable disk capacity, more raw performance and lower on-going cost of ownership. A RELDATA storage system is easy to install and set up, supports a broad array of operating systems, applications, and industries.

Think outside the Box: Make your new iSCSI investment into a flexible storage infrastructure for the entire enterprise

Purchase a RELDATA next generation iSCSI storage system:

- Best-in-class price/performance
- Mid-tier storage pricing with Enterprise functionality
- Reliable, high duty cycle SAS Storage
 - High performance and high capacity drives
- Storage system investment protection
 - Redeploy and add legacy third party disk with RELDATA heterogeneous virtualization
 - No vendor storage lock-in
- Software licensing per 9240i instead of onerous licensing based on capacity
- High performance networking
 - Six 1GbE ports (expandable up to 16 ports)
 - Or optionally up to 8 10GbE ports for even higher performance
- Integrated local and WAN Data Replication
- Optional integrated NAS (NFS and CIFS)
- Clustered storage systems
 - Linearly scalable capacity from Gigabytes to Petabytes
 - Linearly scalable performance in IOPS and throughput

Go beyond simple installation: Increase application availability and IT productivity with RELDATA Simplified Management

Ease of Use and Single Pane of Glass management:

- Single User interface for all RELDATA services
- Single Pane of Glass: Everything you need is on one screen
- Adaptive Storage Wizards™ guide you through daily complex storage tasks
- RELbots™ automate repetitive storage tasks that are unique to your environment
- Non-disruptive data migration allows you to move data without application impact

Invest in RELDATA and Dramatically Simplify Your Storage Operations!

RELDATA
REAL UNIFIED STORAGE



TESTED PERFORMANCE

IOPS – 70,000+ per 9240i

Throughput – 820MB/s per 9240i

- Simplified iSCSI Storage System
- iSCSI Local & WAN Data Replication
- Use 6 x 1GbE or optionally up to 8 X 10GbE network
- Quick and Easy Set-up with Adaptive Storage Wizard
- Effortless Administration
- Heterogeneous Storage Virtualization
- High-Availability Clustering and Failover
- Mix high performance, high capacity SAS drives
- Best Price/Performance; more IOPS and more MB/sec, per dollar
- Lowest on-going cost for storage growth
- Additional Software Available
 - Non-disruptive block data migration
 - Enterprise NAS services
 - File data migration

RELDATA 9240i Specifications with highlights from RELvos 2.4 Datasheet

High Speed iSCSI SAN Storage	<ul style="list-style-type: none"> Powered by the leading-edge 64 bit RELDATA Virtualization Operating System RELvos 2 Near wire-speed I/O processing of iSCSI data Certified interoperability with industry's leading iSCSI initiators and host bus adapters (HBAs) Provision of seamlessly expandable high-performance iSCSI targets up to 9 Exabytes per LUN Boot-over-IP SAN enables diskless servers and workstations Optional Non-Disruptive block data migration 										
High Availability iSCSI Storage	<ul style="list-style-type: none"> Rapid appliance replacement with configuration data on USB thumb drive Fully redundant and hot-swappable power supplies SNMP/SNTP failure notification services Local Mirroring Active/active failover clustering with storage multipathing 										
Simplified Management Model	<ul style="list-style-type: none"> Powerful intelligent Adaptive Storage Wizards for rapid set up, Virtual Volumes, SAN, NAS, WAN Replication configuration Easy-to-use, intuitive GUI provides centralized control of all RELDATA services Front panel TFT screen with a micro GUI enables rapid set-up Online firmware update service Optional customizable RELbot task automation 										
Data Replication Local & WAN	<ul style="list-style-type: none"> Writable point-in-time snapshots of volumes Rapid recovery by mounting snapshots as iSCSI targets or file systems Block level incremental asynchronous replication over the WAN Block level synchronous replication (remote volume mirroring) over fast LAN links Block level rollback to any snapshot Remote Mirroring 										
Optional Enterprise-Wide Scalable NAS	<ul style="list-style-type: none"> Configure and present highly scalable CIFS and NFS shares up to 9 Exabytes per share Seamless resizing of mounted, on-line file systems Quota management for user groups and individual users Integrated with Microsoft® Active Directory, Microsoft® DFS and NIS/Yellow Pages Support for Microsoft® Windows® and Unix (Posix) ACLs Simultaneous cross-protocol access and file locking by Windows®, Linux or Unix clients File-based replication of NAS content Optional share-level data migration 										
Multiple IO Interfaces	<ul style="list-style-type: none"> 6 x 1 GbE ports (auto-negotiating), 802.3ad support for bandwidth aggregation (LACP-enabled) Up to 4 available ports to add for any combination of the following: <ul style="list-style-type: none"> Optional dual port 10G Ethernet interface Optional dual port 4Gb Fibre Channel interface Optional dual port 4x3Gb/s SAS interface 										
Mixed SAS Storage Within Each Enclosure	<table border="0"> <tr> <td>Drive Options:</td> <td>SAS: 15k – 147/300/450 GB; 10k – 400GB; 7.2k – 1000GB</td> </tr> <tr> <td>RAID Controller</td> <td>Dual 4 x 3Gb/s SAS</td> </tr> <tr> <td>Hardware RAID Levels Supported</td> <td>0, 1, 10, 5, 50, 6</td> </tr> <tr> <td>NVRAM Cache</td> <td>512MB</td> </tr> <tr> <td>Expandability</td> <td>Up to 9 additional 12-unit shelves with mix of SAS drives</td> </tr> </table>	Drive Options:	SAS: 15k – 147/300/450 GB; 10k – 400GB; 7.2k – 1000GB	RAID Controller	Dual 4 x 3Gb/s SAS	Hardware RAID Levels Supported	0, 1, 10, 5, 50, 6	NVRAM Cache	512MB	Expandability	Up to 9 additional 12-unit shelves with mix of SAS drives
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Open Storage Consolidation	<ul style="list-style-type: none"> Proven and certified connectivity and interoperability with industry's leading FC, SCSI and iSCSI connected storage devices, including FC switches, disk arrays, and tape libraries Software RAID 1, 4, 5 and 6 with striping of LUNs and Volumes for RAID 0, 10, 50, 60 Storage consolidation achieved by virtualizing storage 										
Standards & Regulations	<ul style="list-style-type: none"> Safety and Compatibility UL 60950 FCC Class A WEEE and RoHS Compliant CE TUV 										
Extensive Support	<ul style="list-style-type: none"> Comprehensive Care: 7x24 phone support, hardware replacement shipped same day Comprehensive Care Plus: 7x24 phone support, 4 hour onsite labor & parts (depending on location) Warranty Periods: 1, 3, 4 or 5 year 										



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