

RELDATA 9240i Unified Storage System

Simplifying Unified Storage

Consolidate, Virtualize & Protect Your Data

Storage capacity requirements continue to surge even as organizations' core applications call for increased performance, high availability, and regulatory data retention compliance. The explosive growth of server virtualization, complexity of managing storage systems from multiple vendors, poor storage utilization, and need to support storage and data protection requirements at remote and branch offices are among the biggest IT and data management challenges that companies face today.

RELDATA meets these business challenges with the 9240i Unified Storage solution which cost-effectively enables mid-size and distributed enterprises to consolidate and protect business data in a virtualized server environment. The 9240i's high performance and rich feature set allows you to meet your organization's needs for storage capacity growth, provide high availability across multiple sites and facilitate regulatory data retention compliance. The solution enables you to store and replicate critical data sets, while assuring your data remains easy to access and manage. Plus, the 9240i provides an affordable way to overcome the complexity of managing storage systems from multiple vendors, improve storage utilization and address data protection requirements at remote and branch offices.

Unlike traditional, proprietary, hardware-centric products, the 9240i has been built from the ground up with the RELDATA Unified Storage Engine (USE) that consists of an open hardware architecture running the RELvos 2.4 software platform and leveraging the industry-standard iSCSI protocol for linear growth and data movement.

The RELDATA USE supports traditional storage access methods over IP networks and allows you to improve the mobility and sharing of data between resources and users in a fluid and cost-effective manner. The USE platform enhances disaster recovery and data availability service levels, while significantly reducing storage administration and replication licensing costs.

The 9240i enables you to set up iSCSI SANs and CIFS/NFS NAS solutions that can scale to multiple petabytes of capacity, support hundreds of virtualized and physical servers, and provide performance rivaling Fibre Channel SANs while reserving plenty of room for future storage growth. Available for ultra-fast 10GbE and 1GbE infrastructures, the 9240i includes integrated serial-attached SCSI (SAS) or SATA disk storage. Capacity can be expanded by adding RELDATA disk arrays or connecting other storage resources via optional Fibre Channel or SAS adapters or via iSCSI.



Key Benefits

Simple, Easy-to-Use, Scalable Unified Storage System:

- High Performance iSCSI SAN
- Scalable Enterprise NAS
- Multi-port 10GbE Connectivity

High-availability Clustering and Failover

Virtualize storage from multiple vendors

Certified for VMware, HyperV, and Citrix environments

"Save as You Grow" Scalability

Simplified Administration for Dynamically Changing Environments

Support for NFS, CIFS, iSCSI, FC, and SAS protocols

Specifications

Operating System	RELVos 2.4
RELVos 2.4 Software Licenses	IP SAN: iSCSI NAS: NFS/CIFS Unified IP-SAN/NAS: iSCSI/NFS/CIFS Local/remote replication and mirroring File share migration Block-based migration 9240i clustering Certified third party storage
I/O Interfaces	6 x 1GbE ports (auto-negotiating) 802.3ad (LACP) support for bandwidth aggregation 3 PCI-e slots available for any combination of following: - Optional dual or single port 10GbE NIC (Fiber or copper) - Optional dual port 4Gb/s Fibre Channel HBA - Optional dual port SAS x4 HBA
Hardware RAID Levels Supported	0, 1, 10, 5, 50, 6
Drive options	Support for most SAS and SATA HDD 300GB-2TB
Expandability	Up to 9 additional 12-drive shelves with mix of SAS or SATA drives
Warranty	Standard, 1 year return to factory
Extended Warranty and Support Options	Comprehensive Care: 24/7 phone support; hardware shipped same day Comprehensive Care Plus: 24/7 phone support, 4-hour on-site labor and parts (depending on location) Extended Warranty and Support Period: 1-3 year options.
Standards and Regulations	USA - UL listed Canada - CUL listed Germany - TUV certified EN 60950/IEC 60950-compliant CB Report CCC Certification FCC Class A WEEE- and RoHS-compliant CE
Form Factor	2U Rackmount, up to 12 internal drives
Power Requirements	800W 2U Power Supply
Dimensions	W 17.2" x H 3.5" x D 25.5" (437mm x 89mm x 648mm)
Gross Weight	52 lbs (23.6 kg) without drives
Operating Environment	Temperature range: 10° – 35°C (50° – 95°F) Humidity range: 8 – 90% non-condensing

RELDATA[®]

RELDATA Inc.
1719 Route 10, Suite 209
Parsippany, NJ 07054

1.888.734.7726
sales@reldata.com
www.reldata.com