

RELDATA 9240i – ES

Enterprise Storage Expansion Shelf



Enterprise storage for high availability storage networking

Organizations of all sizes are facing growing requirements for distributed data storage, business continuity, and data compliance management. They are demanding disk storage systems with increased capabilities in the areas of performance and reliability.

The RELDATA 9240i – ES is a high-performance fully redundant JBOD disk storage expansion shelf offering levels of performance, data protection and flexibility previously found only in more expensive enterprise class solutions. The innovative 9240i – ES shelves are designed for quality, availability and user friendliness. They are certified for use with data center class RELDATA 9240i Unified Storage Systems that address organizations with fast growing, distributed, and unstructured data volumes, allowing them to easily align data storage to their business needs.

High performance, availability, scalability and flexibility

The 9240i – ES modular design creates an affordable method for realizing scalability of the 9240i Storage System – enabling customers to start small and grow big when they are ready. Dual backplane, redundant power supplies and up to 12 SAS drives combine to create a fully featured and highly available JBOD storage shelf in a 2U chassis. Four 3Gb/sec SAS interface ports allow further storage expansion with similar units. Both clustered and single 9240i configurations are supported.

The 9240i – ES adapts to a broad range of RELDATA Unified Storage solutions. The capability to mix both high-performance and high-capacity SAS technology within the same disk enclosure addresses the needs of tiered storage and ILM solutions.

Easy and intuitive management

The intuitive, easy-to-use RELDATA 9240i Storage Resource Management software provides a task-based interface that significantly reduces complexity of installation, configuration, management and diagnostic tasks. The management software allows new 9240i – ES storage expansion shelves to be easily and automatically integrated into existing tiered pool of virtualized storage without disruption, enabling unified storage solutions scaling to multi-petabytes of storage capacity.

- 12 SAS 3.5" drives per enclosure
- Up to 12 TB capacity with 1TB SAS drives per expansion shelf
- Fully redundant dual-path SAS backplane
- Dual Independent SAS expander chips
- Four quad SAS ports per shelf for easy expansion
- 3 Gb/sec SAS interface technology
- Redundant, hot swap power supplies, fans, and disks
- RoHS and WEEE compliant

Invest in RELDATA and Dramatically Simplify Your Storage Operations!

RELDATA
REAL UNIFIED STORAGE

RELDATA 9240i – ES Specifications

GENERAL

Array Type	JBOD
Enclosure type	2U 19" rack-mount chassis
Max. Number of Enclosures	10 including one 9240i node
Max. Capacity p. Enclosure	5.4TB (450GB SAS drives) 12TB (1TB SAS drives)
Max. Capacity p. System	54TB (450GB SAS drives) 120TB (1TB SAS drives)
Interface Type	Four 4x 3Gb/sec SAS ports
Supported Hosts	9240i, single and dual / HA

DRIVES

Max. Drives p. Enclosure	12 drives
Max. Drives supported	120 drives (using 9 Expansion Shelves and one 9240i)
Drive Options	147GB, 15K, SAS LC 300GB, 15K, SAS LC 450GB, 15K, SAS LC 400GB,10K,SAS,LC 1TB,7K,SAS,LC

HIGH AVAILABILITY

Redundant Hot-Swap Disks	yes
Redundant Hot-Swap Fans	yes
Redundant Hot-Swap Power	yes
Automatic Failover	yes
Online Administration	yes

SUPPORT

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

MANAGEMENT & STORAGE VIRTUALIZATION

RELDATA Storage Resource Management Software
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ENVIRONMENT

Operating Temperature	10°C to 35°C (50°F to 95°F)
Non-Operating Temperature Range	-40°C to 70°C (40°F to 158°F)
Humidity Range	8% to 90% non-condensing
Non-Operating Humidity Range	5% to 95% non-condensing

POWER

AC Ranges	100-240 VAC
Frequency	50-60 Hz
Max. Consumption	10.4 Amp

STANDARDS AND REGULATIONS

Safety and Compatibility	UL CUL TUV Certified EN60950 IEC60950 CB Report CCC Certification
WEEE and RoHS	yes
Manufactured under ISO 9001	yes

DIMENSIONS

Height	89 mm (3.5")
Width	437 mm (17.2")
Depth	648 mm (25.5")
Weight (no disks)	23.6 kg (52 lb)
Weight (450GB disks)	32.1 kg (70.7 lb)



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