

DXi2500-D

Better Backup and DR for Distributed Sites



Managing backup and disaster recovery (DR) for remote sites or branch offices is a major challenge for IT departments. It can be difficult to manage remote tape devices, and conventional disaster recovery (DR) measures can be expensive, difficult to administer, and can make restores slow and complex. The better answer is connecting DXi2500-D disk backup systems in remote offices with a DXi7500 at the data center, leveraging replication compatibility and a common software base. The DXi2500-D is the deduplication and remote replication system that provides secure, low cost backup and fast, certain restores in distributed sites. DXi™ solutions provide local disk backup and restore, using Quantum’s deduplication technology to reduce capacity needs by 90% or more. For off-site protection, encrypted backups replicate to a central site where DR management and tape operations are centralized. Because it transmits only unique data, DXi replication technology can reduce bandwidth requirements by a factor of 50 or more, turning existing WANs into DR networks. IT departments see fast, reliable local backup and restore, lights out DR protection, centralized tape operations, and lower costs.

DXi2500-D units include preconfigured deduplication, NAS presentation, replication, and support for Symantec’s OpenStorage (OST) API as standard features, making them easy to install and manage. They are replication compatible with all disk backup systems built on Quantum’s deduplication software layer, including all DXi7500 models. With Quantum, all disk systems and tape resources can be managed from a single tool—Quantum’s Vision™ management software—and are supported by the industry’s leading support and professional services organizations.

DXi-Series deduplication appliances provide reliable local disk backup and accelerated replication to data centers for consolidated, automated and optimized DR.

KEY BENEFITS

Boosts backup and recovery in distributed sites while reducing costs

- ☞ Streamlines remote office protection by replacing tape with local disk backup and remote replication for DR
- ☞ Reduces disk needs by 90% using proven deduplication technology
- ☞ Recovery is from local disk for fast, certain restores

Automates and centralizes DR protection and tape creation

- ☞ Replicates backup data to central site for lights out DR protection, enhanced data security, and reduced media handling
- ☞ Cuts network bandwidth needs by a factor of 50 to lower costs
- ☞ Link to DXi7500 at data center facilitates tape consolidation, reducing management and increasing ROI

Unified management increases efficiency and lowers expenses

- ☞ Solutions work with all leading backup software to integrate easily into existing backup architectures
- ☞ Centralized management through Quantum Vision™ saves time and improves data integrity across sites and across disk and tape
- ☞ Quantum service team provides single point for support for all backup systems
- ☞ Symantec OST support allows integrated operation across sites and tiers through NetBackup



DXi-Series deduplication solutions protect distributed environments with local disk backup, common replication for DR, and connections to data center disk backup systems for consolidated tape operations and multi-site management.

DXi2500-D



Quantum Vision™ allows you to manage and monitor all your disk, tape and replication solutions from a single console.

Deduplication from Quantum

Quantum helps customers solve backup problems more effectively by combining technical innovation, a comprehensive solution set, and global scale. Quantum owns the foundational patent on which variable-length deduplication solutions are based, and it is the only company to provide users a choice of deduplication policies and to integrate disk, tape, and replication in a single solution set for better near-term protection and more cost-effective long-term retention.

And because it supports its solutions with unified management and comprehensive service, Quantum is uniquely positioned to help IT departments find the right backup and recovery strategy for all their data protection needs and for every budget.

TECHNICAL SPECIFICATIONS

CAPACITIES

Usable Capacity	1.8TB
Raw Capacity	3TB
Retention Capacity @ 20:1*	36TB

*Capacities and amount of data protected assume standard business data mix and extended on-disk data retention. 20:1 capacity ratio assumes a weekly full and daily incremental backup model. Actual results will vary with data type, change rates, and backup methodologies. Smaller DXi-Series appliances can be scaled in-chassis.

INTERFACES

NAS presentation (CIFS or NFS), up to 128 shares

PERFORMANCE

Up to 300GB/hour

DEDUPLICATION

System deduplicates during ingest (Adaptive mode) for most efficient disk utilization

REPLICATION

Replication compatible with all DXi-Series products and with EMC DL3D products. Replication is asynchronous, one-to-one or multiple-to-one configurations; partitions in same unit act as replication source or target; units with partitions acting as replication targets can also support local backup; data is deduplicated prior to transmission; file-by-file replication provides immediate, automated access to data at the target; CLI support provides scripting/scheduling.

OST SUPPORT

Symantec OpenStorage (OST) API Support

Support for OST is included on all DXi2500-D units, allowing users to write data to OST logical storage units (LSUs) and enabling application-aware replication. DXi-Series units with direct tape path capability (including DXi7500 models) will support the OST direct path to tape with the scheduled release of NetBackup 6.5.4.

HOST TO APPLIANCE H/W INTERFACE

10/100/1000 BaseT Ethernet

POWER INPUT

NEMA Power Cord: 5-15P to C-13

POWER ENVIRONMENT

Input Voltages: 85 to 264 VAC
Rated Frequency: 47 to 63 Hz
Rated Wattage: 750W×2

CLIMATIC ENVIRONMENT

TEMPERATURE
Operating: 50° to 95°F (10° to 35°C)
Shipping & Storage: -40° to 149°F (-40° to 65°C)

RELATIVE HUMIDITY
Operating: 20 to 80% non-condensing
Shipping & Storage: 5 to 95% non-condensing

ALTITUDE
Operating: -50 to 10,000ft (-16 to 3,048m)
Shipping & Storage: -50 to 39,370ft (-16 to 12,000m)

PHYSICAL SPECIFICATIONS

Width (in/cm)	17.5 / 44.43
Height (in/cm)	3.4 / 8.64
Length (in/cm)	29.31 / 74.4
Weight (lbs/kg)	50.71 / 23

About Quantum

Quantum Corp. (NYSE:QTM) is the leading global storage company specializing in backup, recovery and archive. Combining focused expertise, customer-driven innovation, and platform independence, Quantum provides a comprehensive range of disk, tape, media and software solutions supported by a world-class sales and service organization. This includes the DXi™-Series, the first disk backup solutions to extend the power of data deduplication and replication across the distributed enterprise. As a long-standing and trusted partner, the company works closely with a broad network of resellers, OEMs and other suppliers to meet customers' evolving data protection needs.



For contact and product information, visit quantum.com, call 800-677-6268

Quantum

Backup. Recovery. Archive. It's What We Do.

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