

## DXi2500-D

Better Backup and DR for SMBs and Distributed Sites



The DXi2500-D is the deduplication and remote replication appliance that provides secure, low cost backup and fast, certain restores for small and medium businesses and for remote offices in distributed Enterprises. DXi™ solutions provide disk backup and restore performance, using Quantum's deduplication technology to reduce capacity needs by 90% or more and to lower costs. For off-site protection, users can create removable media locally or replicate backup data to a second site for DR planning and centralized tape operations. 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. With the DXi2500-D, users see fast, reliable backup and restore, lights out DR protection, centralized tape operations, and lower costs across both virtual and physical servers.

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. 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 disk backup and restore, and replication for consolidated, automated DR.

### KEY BENEFITS

#### Boosts backup and recovery while reducing costs

- ☛ Streamlines SMB and remote office protection with disk and replication
- ☛ Reduces disk needs by 90% using proven deduplication technology
- ☛ Recovery is from disk for fast, certain restores

#### Automates and centralizes DR protection and tape creation for distributed Enterprises

- ☛ Replicates backup data 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 and reduced management
- ☛ Reduces media handling, lowers costs

#### Unified management increases efficiency and lowers expenses

- ☛ Works with all leading backup software to integrate easily into existing backup architectures
- ☛ Saves time and improves data integrity through common management across disk and tape (Quantum Vision™)
- ☛ Quantum service team provides single point for support for all backup systems
- ☛ Symantec OST support allows integrated operation across sites and tiers

#### VM Ready

- ☛ Powerful deduplication for virtual servers
- ☛ Automated DR via leveraged replication
- ☛ Consolidates protection for virtual and physical servers
- ☛ Includes Quantum esXpress Backup software for VMware



*In distributed environments, DXi-Series deduplication solutions provide local disk backup, replication for DR, and 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 integrate disk, tape, and replication in a single solution set for better near-term protection and more cost-effective long-term retention.

Because it supports its solutions with unified management and comprehensive service, Quantum is uniquely positioned to help IT departments of all sizes 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 in-line mode) for most efficient disk utilization

### REPLICATION

Replication compatible with all DXi-Series 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. Application-aware replication is supported through support for Symantec OpenStorage API (OST).

### 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) support the OST direct path to tape introduced in 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 / 44.3
Height (in/cm)	3.4 / 8.64
Length (in/cm)	29.31 / 74.4
Weight (lbs/kg)	50.71 / 23

### VM READY

Includes Quantum esXpress Backup for VMware.



For contact and product information, visit [quantum.com](http://quantum.com) or call 800-677-6268

# Quantum

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

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### 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.