

## DXi4000

Affordable, high-performance deduplication appliances featuring capacity-on-demand scalability



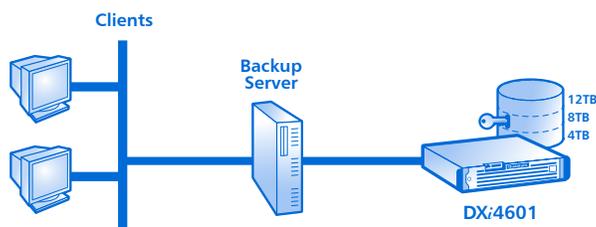
For many small and mid-size businesses, data protection hasn't kept up with growing data—backups and restores take too long, are hard to manage, and cost too much. Most data deduplication appliances are too expensive, and both software-based dedupe and appliances that grow by adding nodes are complicated and expensive when they scale.

Quantum's DXi4000 backup appliances provide an affordable, easy alternative with the industry's first capacity-on-demand deduplication. With up to twice the performance of competitors and as little as half the cost, DXi4000 deduplication appliances keep backup and restore performance high while delivering industry-leading value for fast return on investment.

The DXi4000 appliances include the DXi4510, an affordable deduplication solution with 2TB of capacity, and the DXi4601, the industry's first capacity-on-demand deduplication appliance. The DXi4601 starts at 4TB of capacity and scales up to 12TB by simply activating a license key, without any hardware installation or service visit required. Both systems offer up to 1.7TB/hour in-line deduplication performance using an easy-to-install NAS interface. All software license features—including replication and support for the Symantec OpenStorage API (OST)—are included in the base price.

Designed for small to medium businesses or branch offices, DXi4000 appliances support all leading backup software, and are also available in a turnkey solution (vmPRO 4000) including software that simplifies virtual server protection.

The DXi4000 appliances are supported by Quantum and its global network of partners, the industry's largest and most experienced team dedicated to backup, recovery, and archive.



*The DXi4601 offers the industry's first capacity-on-demand deduplication appliance, scaling from 4 to 12TB non-disruptively using a simple license key.*

### DISK BACKUP, DEDUPLICATION, AND REMOTE REPLICATION



Capacity-on-demand deduplication for non-disruptive growth delivering twice the performance of competitive appliances at half the price

### KEY BENEFITS

#### Choice of point solution or capacity-on-demand systems with fastest performance in their class

- Capacity-on-demand system (DXi4601) grows with your data using software license key
- No obligation to purchase, no service visit, no hardware to add—simpler and more effective than grid-based approaches
- Up to 1.7TB/hour – Backup performance up to twice as fast as competitors in this class
- Uses patented deduplication technology to reduce typical disk usage by 90% or more
- Reduces removable media usage and lowers overall costs

#### Seamless deployment in existing environment

- Integrates easily with all leading backup software
- Easy non-disruptive deployment (CIFS, NFS, OST)
- Adds deduplication to your existing architecture
- Quantum service team provides single point of support for all backup systems

#### Automates and centralizes DR protection

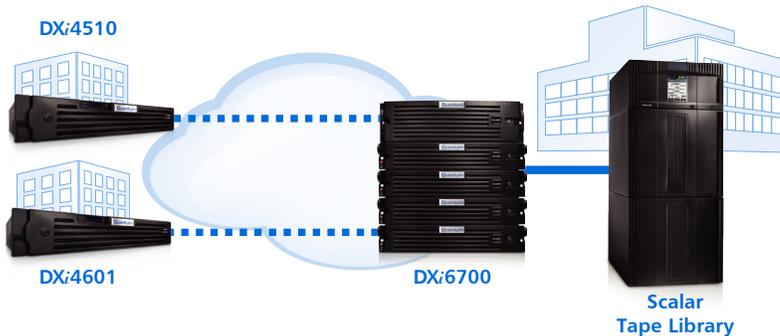
- Replicates backup data for lights out Disaster Recovery protection
- Cuts typical network bandwidth needs by a factor of 50 to lower costs
- Links to other DXi® units at data center to centralize tape creation
- Symantec OpenStorage (OST) support allows integrated operation across sites and tiers

#### VM Backup Support

- Available in a turnkey solution (vmPRO 4000) including software that simplifies and optimizes virtual server protection
- Centralizes protection for both virtual and physical servers to reduce costs and complexity

# DXi4000

## Centralizing Multi-site Backups



In addition to supporting small business environments, the DXi4000 replication leverages deduplication to reduce typical bandwidth requirements by a factor of 50 or more, turning existing WANs into DR networks. DXi4000 models are replication-compatible with all DXi disk backup systems and with Quantum's Vision® management console, making it easy for multi-site IT departments to consolidate protection and centralize tape operations using a single point of management.

*The DXi4000 protects remote sites with disk, provides automated DR protection using replication, and enables tape consolidation.*

## TECHNICAL SPECIFICATIONS

### USABLE CAPACITY

DXi4510	2TB capacity
DXi4601	4, 8, or 12TB capacity with capacity-on-demand scalability

### SYSTEM

Presentation Layers	<ul style="list-style-type: none"><li>NAS Backup Target (CIFS or NFS)</li><li>Symantec OST Logical Storage Unit</li></ul>
Performance	OST: 1.7TB/hr write NAS (CIFS/NFS): 1.7TB/hr
Replication	Encrypted, asynchronous, one-to-one or multiple-to-one configurations

### DEDUPLICATION

System performs deduplication inline for the most efficient disk utilization

### OST SUPPORT

**Symantec OpenStorage (OST) API Support**  
Support for OST is included on all DXi4000 units, allowing users to write data to OST logical storage units (LSUs) and enabling application-aware replication with NetBackup 6.5.3+ and Backup Exec 2010.

### HOST TO APPLIANCE H/W INTERFACE

4 × 10/100/1000 BaseT Ethernet

### POWER INPUT

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

### POWER ENVIRONMENT

Input Voltages:	100 to 240 VAC
Rated Frequency:	50 to 60Hz
Power Supply Rating:	750W per power supply

### CLIMATIC ENVIRONMENT

<b>TEMPERATURE</b>	
Operating:	50° to 95°F (10° to 35°C)
Shipping & Storage:	-40° to 149°F (-40° to 65°C)
<b>RELATIVE HUMIDITY</b>	
Operating:	20 to 80% non-condensing
Shipping & Storage:	5 to 95% non-condensing
<b>ALTITUDE</b>	
Operating:	-50 to 10,000ft (-15.2 to 3,048m)
Shipping & Storage:	-50 to 39,370ft (-15.2 to 10,668m)

### PHYSICAL SPECIFICATIONS

Width (in/cm)	17.19 / 43.6
Height (in/cm)	3.40 / 8.6 (2U)
Length (in/cm)	24.09 / 61
Weight (lbs/kg)	49.5 / 22.5

### AGENCY CERTIFICATIONS

<b>SAFETY</b>	
IEC 60950-1 (ed. 1), CSA 60950-1-03/UL 60950-1 1st Edition	
<b>EMISSIONS</b>	
EN55022 Class A, FCC Part 15 Class A, ICES-003 Class A, VCCI Class A, CISPR 22 Class A, CNS13438 Class A, KN22 Class A	

For contact and product information, visit [quantum.com](http://quantum.com) or call 866-809-5230

**Quantum**  
BE CERTAIN™

©2012 Quantum Corporation. All rights reserved. Quantum, the Quantum logo, DXi, Scalar and StorNext are registered trademarks of Quantum Corporation and its affiliates in the United States and/or other countries. All other trademarks are the property of their respective owners.

### About Quantum

Quantum Corp. (NYSE:QTM) is a proven global expert in data protection and Big Data management that provides a unique combination of intelligent storage solutions and unmatched value for traditional, virtual and cloud environments. From small businesses to multinational enterprises, more than 50,000 customers trust Quantum to help cost-effectively manage data growth and extract the full value from their digital assets. Quantum's offerings include: DXi®-Series disk-based deduplication and replication systems for fast backup and restore, vmPRO solutions for protecting virtual machine data, Scalar® tape automation products for disaster recovery and long-term data retention, and StorNext® Big Data management software and appliances for high-performance file sharing and archiving.