



DXi4000 Series

Affordable, High-Performance Deduplication Appliance
Featuring Capacity-on-Demand Scalability

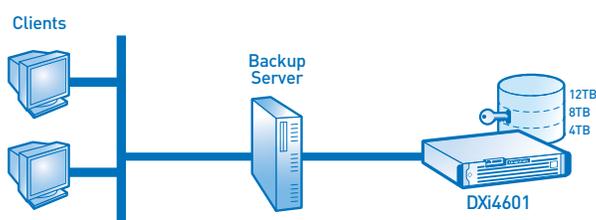
For many small and mid-size businesses, data protection hasn't kept up with growing data—backups and restores take too long, are hard to manage, and cost too much. Most data deduplication appliances are too expensive, and both software-based dedupe and appliances that grow by adding nodes are complicated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

Quantum's DXi4601 backup appliance provides 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, the DXi4601 deduplication appliance keeps backup and restore performance high while delivering industry-leading value for fast return on investment.

The DXi4601 is 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. The DXi4601 also offers 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, the DXi4601 appliance supports all leading backup software, and are also available in a turnkey solution (vmPRO 4000) including software that simplifies virtual server protection.

The DXi4601 appliance is 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.

KEY BENEFITS

Choice of point solution or Capacity-on-Demand systems with fastest performance in their class

- Capacity-on-Demand system 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

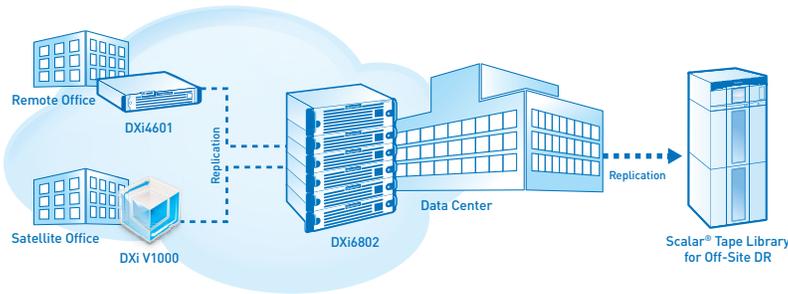
Automates and centralizes DR protection

- 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

Centralizing Multi-site Backups



In addition to supporting small business environments, the DXi4601 replication leverages deduplication to reduce typical bandwidth requirements by a factor of 50 or more, turning existing WANs into DR networks. The DXi4601 is 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 DXi4601 protects remote sites with disk, provides automated DR protection using replication, and enables tape consolidation.

TECHNICAL SPECIFICATIONS

USABLE CAPACITY

DXi4601 4, 8, or 12TB capacity with Capacity-on-Demand scalability

SYSTEM

Presentation Layers	<ul style="list-style-type: none"> NAS Backup Target (CIFS or NFS) Symantec OST Logical Storage Unit
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 DXi4601 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

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 (-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

SAFETY

IEC 60950-1 (ed. 1), CSA 60950-1-03/UL 60950-1 1st Edition

EMISSIONS

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

ABOUT QUANTUM

Quantum is a proven global expert in Data Protection and Big Data management, providing specialized storage solutions for physical, virtual and cloud environments. From small businesses to major enterprises, more than 100,000 customers have trusted Quantum to help maximize the value of their data by protecting and preserving it over its entire lifecycle. With Quantum, customers can Be Certain they're able to adapt in a changing world – keeping more data longer, bridging from today to tomorrow, and reducing costs. See how at www.quantum.com/BeCertain.

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