



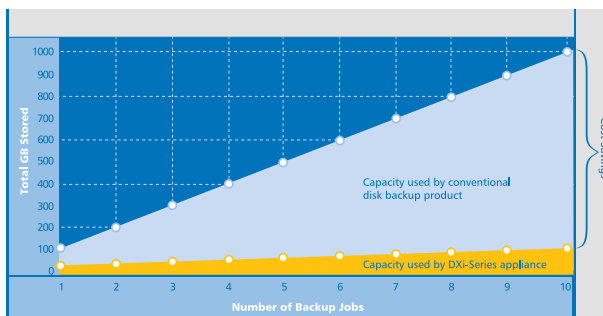
DXi7500 Express

Fast, easy deduplication for midrange environments

The DXi7500 Express is the disk backup solution that makes advanced deduplication easy to buy, install, and manage. It combines disk performance to keep backup windows short with data deduplication technology to reduce capacity requirements by 90 percent or more. The result is high speed backup and restore and lower overall costs across both virtual and physical servers.

The DXi7500 Express works with all leading backup software applications in both NAS and VTL presentations, so it integrates easily into the widest range of backup environments, reducing costs and lowering management overhead, and it is supported by Quantum's QuikFit™ configuration system, making it easy to find the right system to meet backup needs now and in the future. The DXi7500 Express has been preconfigured for a typical midrange IT environment with email, file/system, and database data, for maximum ROI. With the DXi7500 Express, IT departments can easily take advantage of advanced DXi®-Series features as their needs evolve, and they can scale their system into larger capacity DXi7500 models while preserving all of their data. The DXi7500 Express and QuikFit™ configuration are available from Quantum channel partners around the world.

ADVANTAGE OVER CONVENTIONAL DISK



The DXi7500 Express's deduplication technology eliminates the need to store redundant data, letting users reduce capacity requirements by 90% or more than conventional storage systems.

The DXi7500 Express is part of Quantum's innovative family of disk backup solutions that make it easy to deploy deduplication in the widest range of midrange, distributed, and data center environments—all supported by common management tools and a global service and support team.

KEY BENEFITS

Boosts Backup and Recovery Performance While Managing Costs

- Uses patented data deduplication technology to decrease disk requirements by 90% or more
- Increases backup and restore performance while reducing costs
- Part of a complete backup and recovery solution

Easy to install and manage in midrange environments

- Protects email, database, and file system primary data in one, easy-to-install appliance
- Holds more backup on disk for fast restores at lower cost
- Reduces use of removable media and simplifies management of backup data

Part of the Quantum Family of backup solutions

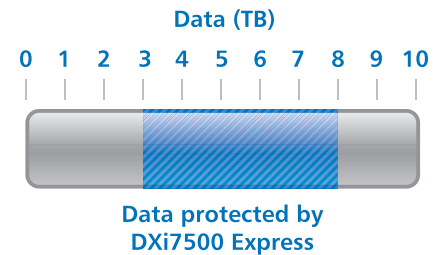
- Replication compatible with all DXi-Series disk backup solutions
- Grows with data and needs by adding direct tape creation, policy-based deduplication, Symantec OST support, Enterprise capacity and performance
- Supported, along with your tape backup products, by common management and service

VM Ready

- Powerful deduplication for virtual servers
- Automated DR via leveraged replication
- Consolidate protection for virtual and physical servers
- Includes Quantum esXpress™ Backup for VMware

DXi7500 Express

The DXi7500 is designed to protect midrange environments, easily providing storage for more than 100TB of backup data in up to 11TB of usable disk space. The amount of primary data that can be protected ranges from 3 to 8TB depending on the amount of redundant data, growth rates, length of retention, system configuration, and length of time the system will be deployed. In a typical use case, customers protect 6TB of primary data on disk, deduplicate data during the ingest process (adaptive mode), retain backups for 60 days on the system, and accommodate two years growth.* As backup needs evolve, DXi7500 Express users can also take advantage of replication, direct tape creation, the scalability of Enterprise DXi7500 models and policy-based deduplication, allowing them to select different deduplication modes for different data sets to optimize for disk capacity or performance.



*Scenario assumes mix of file system, data base, and email data. Other scenarios will have different results.

TECHNICAL SPECIFICATIONS

INTERFACES

Multiple interfaces supported in single unit simultaneously

NAS Backup Target:	NFS or CIFS
VTL (Fibre Channel):	
Partitions (max):	64
Drives (max):	80
Emulations libraries:	ADIC Scalar 24, Scalar 100, Scalar i500, Scalar i2K ; ATL P7000 ; Quantum M2500, PX500 Series
Emulations drives:	DLT7000, SDLT 320, SDLT 600, SLT-54, LTO-1, LTO-2, LTO-3, LTO-4

SYSTEM REDUNDANCY

RAID 5 and RAID 6 with hot spare, redundant power, redundant cooling, hot swap drives, power supplies, fans

HOST TO APPLIANCE H/W INTERFACE

DXi7500: 10/100/1000 BaseT Ethernet, 4Gb Fibre Channel

POWER INPUT

DXi7500: Power Cord NEMA, L6-30P on system, 2 connectors

ADVANCED DXI FEATURES AND OPTIONS

Policy-Based Deduplication:

Adaptive Mode (deduplicates during ingest):	For most efficient disk usage
Deferred Mode (post processing):	For shortest backup window
Native VTL Mode:	Fastest backup and restore for specialized datasets

Replication

DXi3500, DXi7500 Express and DXi7500 models all offer compatible support for remote replication. DXi7500 Express 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; application-aware replication available through support for Symantec OpenStorage (OST) API.

OST Support

Symantec OpenStorage (OST) API Support – Support for OST is an option on all DXi7500 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 support the OST direct path to tape introduced in NetBackup 6.5.4.

POWER ENVIRONMENT

Input Voltages:	100 to 240 VAC
Rated Frequency:	50 to 60 Hz
Rated Current:	6.5A @ 200VAC

CLIMATIC ENVIRONMENT

TEMPERATURE

Operating:	50° to 95°F (10° to 30°C)
Shipping & Storage:	-4° to 140°F (-20° to 60°C)

RELATIVE HUMIDITY

Operating:	20 to 80% non-condensing
Shipping & Storage:	15 to 95% non-condensing

ALTITUDE

Operating:	0 to 10,000ft (0 to 3,048m)
Shipping & Storage:	0 to 39,370ft (0 to 12,000m)

PHYSICAL SPECIFICATIONS

Rack units:	5U
Dimensions:	16.88 in (42.8 cm) W × 15.75 in (40 cm) H × 25.5 in (64.7 cm) D
Weight (lbs/kg):	235 lbs/107 kg

Direct Tape Creation

Direct tape creation—physical tape can be written in background over a dedicated Fibre Channel connection without using media server or backup SAN. Function maintains barcode integrity between virtual and physical tapes and is compatible with backup software direct to tape commands (e.g., NetBackup, EMC Networker, Oracle Secure Backup, and Atempo TimeNavigator).

Scalability

Field upgrades to the full DXi7500 Enterprise disk backup systems are available. All disk is retained and all data is preserved during the upgrade.

VM Ready

Consolidates backup for virtual and physical servers in one system. Includes Quantum esXpress Backup for VMware.



For contact and product information, visit 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.