Quantum.

Quantum RDX 8000

8-Slot Removable Disk-Based Data Protection

8-SLOT REMOVABLE DISK-BASED LIBRARY

USE 2/3 FEWER CARTRIDGES (VS. TAPE) WITH DATASTOR SHIELD DEDUPLICATION SOFTWARE

SIMPLE NETWORK ATTACHED iSCSI CONNECTIVITY

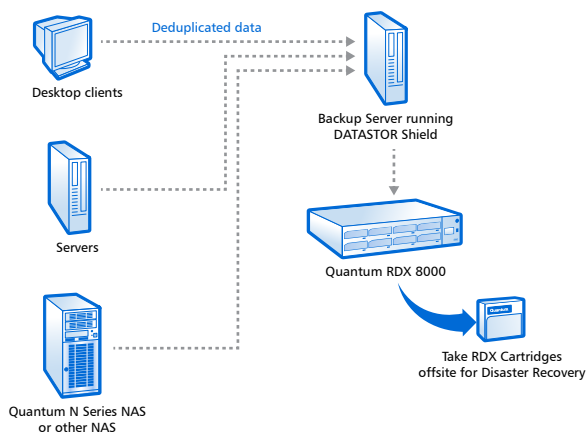**160GB TO 1TB CARTRIDGE COMPATIBLE**

FEATURES AND BENEFITS

BACKUP, DISASTER RECOVERY AND FLEXIBILITY

The Quantum RDX 8000 is a new disk based data protection solution for the SMB customer. The RDX 8000 brings the best features of disk—fast access, fast restores and combines them with the best features of tape libraries removability for disaster recovery and an automated backup process. The RDX 8000 features iSCSI connectivity, JBOD (just a bunch of disks) or tape emulation mode and is compatible with current and future RDX cartridge capacities. In addition, the Quantum RDX 8000 is a complete solution, available with Quantum DATASTOR Shield, client-side deduplication software or Symantec Backup Exec.

QUANTUM RDX 8000 WITH DATASTOR DEDUPLICATION SOFTWARE

Quantum RDX 8000 with DATASTOR Shield, is the first removable disk library available with deduplication software, creating a truly powerful and affordable SMB data protection solution. DATASTOR Shield reduces backup time, related network traffic and data stored by up to 90% by deduplicating data on the client before sending it over the network. Customers use at least 2/3 fewer cartridges in their cartridge rotation scheme and maintaining a greater version history than tape. Quantum DATASTOR Shield installed on a Microsoft Windows Server, utilizes a simple Windows Explorer-like interface and performs agentless backup, meaning there is no software to install on the clients being backed up.

- ■ **Disk-Based Backup and Disaster Recovery in One Unit** – Backup to removable RDX cartridges and then take them offline or offsite.

- ■ **Speed of Disk** – Fast access to data, fast restores and an array of RDX cartridge capacities to meet your needs today and in the future.

- ■ **Complete Solution** – Available with Quantum DATASTOR Shield client-side deduplication software or Symantec Backup Exec QuickStart.

- ■ **Power of Deduplication:**
  - Quantum DATASTOR Shield deduplication software reduces backup time, related network traffic and data stored.
  - After the first backup, subsequent backups are deduplicated incrementals completing up to 10x faster than backups to tape or disk.

- ■ **Agentless Backup: No software to install on clients being protected**
  - Centrally managed from the backup server through a simple, easy to use interface.

Deduplicated data

Desktop clients

Servers

Backup Server running DATASTOR Shield

Quantum RDX 8000

Take RDX Cartridges offsite for Disaster Recovery

Quantum N Series NAS or other NAS

rdx

CAPACITY/SPEED

Slots:	8 slots
Native Capacity:	1.2TB to 8TB using RDX Cartridges

EXPECTED COMPRESSION/DEDUPLICATION RATIO

2:1 First Full Backup, 20:1 Subsequent Backups using Quantum DATASTOR Shield;
2:1 with Backup Exec Quickstart

MINIMUM SYSTEM REQUIREMENTS

	Included License	System Requirements	Processor	RAM
Protected Servers	1 Server	Windows Server 2003, 2008 (32- and 64-bit)	Single 2 GHz or better	2GB
Protected Desktop/ Laptops	10 Clients	Windows XP, Vista and 7 (32- and 64-bit)	Single 1 GHz or better	1GB
Backup Server	1 Management Console	Windows Server 2003, 2008 (32- and 64-bit)	Single 2GHz or better	2GB

HOST INTERFACE

2 × 1-Gigabit Ethernet connections for iSCSI and RMU traffic; USB 2.0 front panel port for diagnostic/logging applications

RELIABILITY

MTBF:	200,000 hours
Load/Unload:	3,000 per slot

PHYSICAL SPECIFICATIONS

H×W×D (including bezel):	3.417in (86.8mm) × 17.508in (444.7mm) × 12.075in (306.7mm)
U Height:	2 U
Weight:	14 lbs (6.4kg)

WARRANTY

RDX 8000:	3 Years Rapid Exchange
DATASTOR Shield Software:	1 Year Included

ENVIRONMENTAL

OPERATING

Temperature °F (°C):	50° to 95° (10° to 35°), max gradient 20°C/hr
Humidity:	20% to 80% Non-condensing
Vibration:	5-500Hz .26G rms X,Y,X axis
Shock:	40 G +/-5%, 2.0 ms +/-10% X,Y,Z

NON-OPERATING

Temperature °F (°C):	-22° to 140° (-30° to 60°), max gradient 20°C/hr
Humidity:	20% to 90% Non-condensing
Vibration:	5-500Hz 0,5G rms- 15 min per axis
Shock:	105 G +/- 5%, 2.0 ms +/-10% X,Y,Z

POWER REQUIREMENTS (8 DISKS RUNNING)

115 VAC:	82 watts (0,7 Amps) 60 Hz
230 VAC:	80 watts (0,35 Amps) 50 or 60 Hz

OTHER SOFTWARE COMPATIBILITY

Symantec Backup Exec, CA BrightStor, Commvault Galaxy

MANAGEMENT INTERFACE

SNMP ver 1.3 (Q3, 2011), MIB

CARTRIDGE COMPATIBILITY

All RDX compatible media types

SAFETY & AGENCY

FCC:	Class A requirements
EU member nations:	Emissions per CISPR 22:2008-09 Ed.6.0 EN55022:2006+A1:2007 and Immunity per EN55024:1998+A1:2001+A22003
UL:	UL-60950-1 issued 2007/03/27 Ed.2
CSA:	CSA C22.2 60950 issued 2007/03/01 Ed.2

Model Numbers & Descriptions

RDX 8000

TRL8K-C2BQ-A0BA	Includes Backup Exec QuickStart, no cartridges
TRL8K-C2DQ-A0BA	Includes DataStor Deduplication Software, one server license, 10 desktop licenses, no cartridges
TRL8K-C2BQ-MGBA	Includes Backup Exec QuickStart, eight 1TB cartridges included
TRL8K-C2DQ-MGBA	Includes DataStor Deduplication Software, one server, 10 desktop licenses, eight 1TB cartridges included

Quantum DATASTOR Shield Options & Upgrades

For DATASTOR Shield

SNADS-ESDS-T520	Additional 2 Year Software Warranty Extension

Additional Client Licenses

DNADS-ALCL-001A	Single Desktop Client
DNADS-ALCL-005A	5-Pack Desktop Clients
DNADS-ALSL-001A	Single Server Client
DNADS-ALSL-003A	3-Pack Server Clients

Sql/Exchange, Bare Metal Restore, Replication

DNADS-ALAF-001A	Advanced Protection Pack

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

Quantum.

Preserving the World's Most Important Data. Yours.™

About Quantum

Quantum Corp. (NYSE:QTM) is the leading global specialist in backup, recovery, and archive. From small businesses to multinational enterprises, more than 50,000 customers trust Quantum to solve their data protection, retention and management challenges. Quantum's best-of-breed, open systems solutions provide significant storage efficiencies and cost savings while minimizing risk and protecting prior investments. They include three market-leading, highly scalable platforms: DXi®-Series disk-based deduplication and replication systems for fast backup and restore, Scalar® tape automation products for disaster recovery and long-term data retention, and StorNext® data management software for high-performance file sharing and archiving. Quantum Corp., 1650 Technology Drive, Suite 800, San Jose, CA 95110, (408) 944-4000, www.quantum.com.