



## NDX Series

Primary Storage, Data Protection and Recovery

### QUANTUM NDX-8 SERIES STORAGE SOLUTIONS

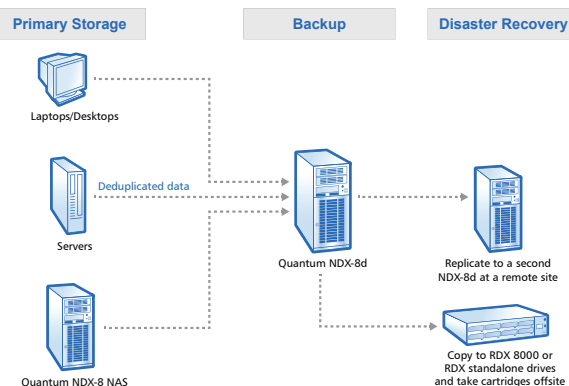
The Quantum NDX-8 series NAS products for backup, disaster recovery and primary storage solve the problem of out of control backup data growth for the SMB. They are the first products to offer deduplication and 8TB of storage at a price point small businesses can afford. All four models offer best-in-class performance, featuring enterprise-class hard drives, Intel Core i3 (Sandy Bridge) processors, 4GB of RAM and Microsoft Windows Storage Server 2008 R2 operating system. Products are available in tower or 1U rack configurations with or without client side deduplication data protection software. Both configurations are customer upgradable offering a single free PCI-e slot, and RAM expansion capability. The tower unit offers two 5 1/4" peripheral bays—perfect for adding RDX drives for disaster recovery.

### QUANTUM NDX-8d NAS STORAGE WITH DEDUPLICATION SOFTWARE

The Quantum NDX-8d NAS storage with DATASTOR Shield deduplication software is designed for data backup and disaster recovery in Windows Environments with integrated client-side deduplication. Data stored is reduced significantly allowing customers to keep two years of backups online or more while reducing network traffic by up to 90% because backup data is deduplicated before being sent over the network. The Quantum DATASTOR Shield deduplication software is simple to use and manage right from the NDX-8d unit, performing agentless backup—there is no software to install on clients being backed up.

### QUANTUM NDX-8 NAS STORAGE: 8TB PRIMARY STORAGE NAS WITH BEST-IN-CLASS COMPATIBILITY, PERFORMANCE AND RELIABILITY

The Quantum NDX-8 NAS storage is designed for primary storage and is the perfect complement to the NDX-8d as the hardware and Windows Storage Server OS are identical, allowing for seamless integration and unsurpassed compatibility in your networked environment. Furthermore, the Quantum NDX-8 NAS storage boasts more powerful processors and RAM than competitors, while featuring enterprise-class hard drives for ultimate speed and reliability.



## REMOVABLE DISK DRIVE

AVAILABLE AS 8TB NAS TOWER AND 1U RACK

DATA PROTECTION AND PRIMARY STORAGE MODELS

AVAILABLE WITH QUANTUM DATASTOR SHIELD CLIENT-SIDE DEDUPLICATION SOFTWARE FOR BACKUP AND DISASTER RECOVERY

ENTERPRISE-CLASS HARD DRIVES, INTEL CORE I3 PROCESSORS AND 4GB OF RAM

## FEATURES AND BENEFITS

- **End-to-end solution** – Quantum NDX-8d NAS storage with DATASTOR Shield deduplication software for backup and disaster recovery and the NDX-8 NAS storage for primary storage.
- **Quantum NDX-8d with integrated DATASTOR Shield deduplication software**
  - Protects 2 years of data or more while maintaining greater history than tape or other disk
  - Controls Data Growth, reducing the amount of data stored and network traffic by up to 90%
  - Centrally managed from the NAS unit through a simple, easy to use interface
  - Agentless backup – no software to install on the clients
- **Quantum NDX-8 is true business class NAS for primary storage**
  - Windows Storage Server, enterprise class hard drives and best in class processing power and RAM
  - Identical hardware and operating system for seamless integration with NDX-8d

**DATASTOR SHIELD EXPECTED COMPRESSION/DEDUPLICATION**

Initial Backup: 2:1  
 Subsequent Backups: 20:1

**CAPACITY AND PERFORMANCE**

Available Form Factor: Tower or 1U Rack  
 Total Capacity: 8TB  
 HDD Bays: 4 Hot Swap  
 Included HDDs: 4 × 2TB, Enterprise Class  
 HDD Speed: 7200 RPM, SATA-2 (300 Gigabit/sec)  
 RAID: 0, 1, 5, 10 (Factory set to 5)  
 Processor: Intel Core i3-2100, 3.3Ghz (Sandy Bridge)  
 RAM: 4GB (2×2GB) Included, 4 Sockets Total (32GB Max)  
 Ethernet: 2 RJ45 Gigabit Ethernet Ports  
 Operating System: Windows Storage Server 2008 R2 Workgroup

**EXPANSION SLOTS, PORTS AND BAYS**

	Tower	1U Rack
5.25" Peripheral Bay	2	-
USB Port External	4	4
Available PCI-e Slots	1	1
Available SATA-2 Ports	2	2
VGA Port	1	1
PS/2 Keyboard/Mouse Ports	Yes	Yes
Serial Port	1	1

**WARRANTY**

NDX-8 & NDX-8d: 3 Years Rapid Exchange  
 DATASTOR Shield Software: 1 Year Included

**PHYSICAL SPECIFICATIONS**

	Tower	1U Rack
Height (in/mm)	16.8/427	1.7/43
Width (in/mm)	7/178	17.2/437
Length (in/mm)	20.9/531	19.8/503
Weight (lb/kg)	39/17.7	38/16.5

**PROTOCOL SUPPORT**

Networking: TCP/IP  
 File Sharing: CIFS/SMB, NFS, IIS, (FTP/FTPS, HTTP/HTTPS)  
 Directory Integration: LDAP, Active Director

**ENVIRONMENTAL**

**OPERATING**  
 Temperature °F (°C): 50° to 95° (10° to 35°)  
 Humidity: 10% to 90% Non-condensing  
**NON-OPERATING**  
 Temperature °F (°C): -40° to 158° (-40° to 70°)  
 Humidity: 5% to 95% Non-condensing

**POWER REQUIREMENTS (8 DISKS RUNNING)**

Tower: 100-240V, 50-60Hz, 6-3 Amp  
 1U Rack: 100-240V, 50-60Hz, 4.2-1.8 Amp

**SAFETY & AGENCY**

UL, FCC, CUL, TUV, CE, EN 60950/IEC 60950, CCC

**Quantum NDX-8d NAS Models with DATASTOR Shield for Data Backup and Disaster Recovery**

Model Number	NAS Model Name	Model Description	DATASTOR Shield Licenses Included
DNADS-CSTQ-008A	Quantum NDX-8d tower	8TB NAS, DATASTOR	1 management console
DNADS-CS1Q-008A	Quantum NDX-8d 1U rack	Shield client side data deduplication software	1 Windows server/virtual server 10 Windows desktops/laptops

**Quantum NDX-8 NAS Models for Primary Storage**

Model Number	NAS Model Name	Model Description
DNADS-CTTQ-008A	Quantum NDX-8 tower	8TB NAS, WSS 2008 R2 Workgroup
DNADS-CT1Q-008A	Quantum NDX-8 1U each	

**Accessories, Upgrades and Licenses**

Model Number	Product
DNADS-ALCL-001A	Single Desktop/Laptop Windows Client
DNADS-ALCL-005A	5-Pack Desktop/Laptop Windows Clients
DNADS-ALSL-001A	Single Windows Server/Virtual Server Client
DNADS-ALSL-003A	3-Pack Windows Server/Virtual Server Clients
DNADS-ALAF-001A	Advanced Protection Package Includes Bare Metal Restore, Replication and SQL/Exchange Support
SNADS-ESDS-T520	Quantum DATASTOR Shield, 2 Year Software Warranty Extension, includes coverage and updates for all licenses for a single NDX-8d NAS
TR000-CNDB-S0BA	RDX Internal USB Dock for NDX-8/NDX-8d Tower (Tower can accept 2 internal) – Other RDX options available
TR100-CTDB-S1BA	RDX 1TB Cartridges

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

**Quantum**

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**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](http://www.quantum.com).