# DX3000/DX5000 Appliances

### Innovative Disk-Based Backup

**DX3000 COMPRESSED CAPACITY UP TO 6.0TB**

**DX5000 COMPRESSED CAPACITY UP TO 18.0TB**

**UP TO 180MB/S PERFORMANCE ON DX3000**

**UP TO 350MB/S PERFORMANCE ON DX5000**

## FEATURES AND BENEFITS

Quantum DX3000 and DX5000 disk-based backup appliances take the innovative features of Quantum's pioneering large scale Virtual Tape Libraries and extend the benefits to small and medium enterprises. With self-contained, easily implemented models spanning from 1.5TB to 9TB of protected data (before compression) they are optimized for performance. Quantum Optyon™, the industry's first hardware compression engine, makes these appliances the ideal choice when rapid and reliable recovery is required. The DX3000 offers compact, fast backup with secure remote management and monitoring in capacity points that make it perfect for a remote or branch office. The DX5000 offers enterprise class features in a high density package with the same remote capabilities and throughputs in excess of 1TB/hr. The flexibility of the DX appliances extends to choice of interface between Fibre Channel SAN or iSCSI over GbE to even presenting portions as a raw disk volume for miscellaneous storage. The possibility of downtime is lessened with Quantum's StorageCare™ Guardian offering real time monitoring and next day support within the standard warranty. Enjoy faster backup, very high speed file restores and maximum reliability with Quantum DX.

- **Purpose-built for Simplicity -** The design makes deployment straightforward and fast

- **Unique Optyon™ hardware based** on 2:1 data compression - Double your capacity or more with no performance penalty

- **Emulates up to 32 (DX3000 or 64 Tape** Drives (DX5000) - Run a large number of backup jobs concurrently

- **Common architecture across the DX-Series**

- **Supports up to 16 partition -** Each partition can be configured as a Virtual Tape Library or a Disk Volume

- **StorageCare Guardian at No Extra Cost -** Enables Quantum to proactively monitor the health of your device over the Internet

## CAPACITY

| | DX3000 | DX5000 |
|---|---|---|
| Raw Capacity: | 2.0TB to 4.0TB | 6.0TB to 12.0TB |
| Usable, Uncompressed: | 1.5TB to 3.0TB | 4.5TB to 9.0TB |
| Usable, Compressed: | 3.0TB to 6.0TB | 9.0TB to 18.0TB |

## PERFORMANCE*

| | | |
|---|---|---|
| iSCSI: | 140MB/s | 140MB/s |
| Fibre Channel: | 180MB/s | 350MB/s |

## POWER INPUT

| | | |
|---|---|---|
| | Power Cord NEMA: | Power Cord NEMA |
| | 5-15P to C13: | 5-15P to C13 |
| | 3 connectors: | 4 connectors |

## HOST TO DX INTERFACES

| | |
|---|---|
| Software: | SCSI-2 medium changer command set |
| Hardware: | 10/100/1000 BaseT Ethernet |
| | 2 Gb Fibre Channel (Optional) |

## VTL CAPABILITIES

| | | |
|---|---|---|
| Virtual Tape Drives: | 1-32 | 1-64 |
| Partitions: | 1-8 | 1-16 |
| Virtual Cartridges: | up to 400 | up to 1600 |

## PHYSICAL SPECIFICATIONS

| | DX3000 | DX5000 |
|---|---|---|
| Width (in/cm) | 19 in (48.3 cm) | 19 in (48.3 cm) |
| Height (in/cm) | 3.5 in (8.8 cm) 2U | 8.75 (22.2 cm) 5U |
| Length (in/cm) | 27 in (68.5 cm) | 25.4 in (64.5 cm) |
| Weight (lbs/kg) | 50 lbs (22.68 kg) | 122 lbs (55.33 kg) |

## POWER ENVIRONMENT

| | DX3000 | DX5000 |
|---|---|---|
| Electrical Inputs Voltage: | 100 VAC to 240 VAC | 110 VAC to 240 VAC |
| Rated Frequency: | 50 to 60 Hz | |
| Rated Current: | 4A at 230 VACx2 | 5A at 230 VACx4 |
| Consumption: | 500 Watts | 700 Watts |

## CLIMATIC ENVIRONMENT

**Temperature**
| | |
|---|---|
| Operating: | 50° F to 95° F (10° C to 35° C) |
| Shipping and Storage: | -4° F to 140° F (-20° C to 60° C) |

**Relative Humidity**
| | |
|---|---|
| Operating: | 20% to 80%, non-condensing |
| Shipping and Storage: | 15% to 95%, non-condensing |

**Altitude**
| | |
|---|---|
| Operating: | 0 to 10,000 ft (0 to 3,048 m) |
| Shipping and Storage: | 0 to 39,370 ft (0 to 12,000 m) |

**Heat**
| | |
|---|---|
| Operating: | 1,880 Btu/hour to 3590 Btu/hour |
| | 0.6 KW to 1.1 KW |

## Model Numbers and Descriptions

**D3K-04/500-A**    DX3000 appliance with 1.5TB useable capacity, iSCSI

**D3K-04/500-C**    DX3000 appliance with Optyon Compression, 3.0TB useable capacity, iSCSI and Fibre Channel

**D3K-08/500-A**    DX3000 appliance with 3.5TB useable capacity, iSCSI

**D3K-08/500-C**    DX3000 appliance with Optyon Compression, 7.0TB useable capacity, iSCSI and Fibre Channel

**D5K-12/500-A**    DX5000 appliance with 4.5TB useable capacity, iSCSI

**D5K-12/500-C**    DX5000 appliance with Optyon Compression, 9.0TB useable capacity, iSCSI and Fibre Channel

**D5K-24/500-A**    DX5000 appliance with 9.0TB useable capacity, iSCSI

**D5K-24/500-E**    DX5000 appliance with Optyon Compression, 18.0TB useable capacity, iSCSI and Fibre Channel

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

# Quantum®

**Backup. Recovery. Archive. It's What We Do.**

**About Quantum**

Quantum Corp. 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. 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.