

# 690D DLTtape™ Automated Library



**Typical installations:** Large client-server networks, large departmental application servers

**Supported applications:** Unattended network backup/restore, remote storage, automated archiving, imaging and hierarchical storage management.

## KEY FEATURES

*SAN-ready NetStorM™ library*

*Extremely scalable*

*Unique library monitor*

*Cost-effective storage*

*High rack density — fits where other libraries don't*

NetStorM™



## Highest capacity per cubic foot in a DLT library

The Exabyte 690D is a fully scalable DLTtape™ library, configurable for 30, 60 or 90 data cartridges and two to six DLT™ 7000 drives. An excellent value for a wide range of applications, the 690D offers the highest capacity per cubic foot in its class, delivering up to 6.3 TB capacity at 216 GB/hour. The 690D is optimized for storage area network (SAN) applications by providing Ethernet, Fibre Channel and remote monitoring capabilities.

The Exabyte family of libraries consistently demonstrate the highest levels of reliability and software compatibility. Exabyte libraries are very scalable in design, allowing the company to build different size boxes based on the same model, and allowing room inside each box for expansion for those customers who expect their data storage needs to grow in the near future. Exabyte designs use common sets of parts, regardless of the size of the library or the tape technology in the library, for easy maintenance.

Exabyte libraries are intelligently engineered to satisfy the reliability, serviceability and management requirements of storage networking. These design features provide a rich platform for current and future libraries designed for storage networks. Exabyte refers to this set of features as "The Exabyte Advantage."

Up to 6.3 TB capacity\*

Data throughput of up to 216 GB per hour\*

>1,000,000 MCBF

Compatible with industry-leading software applications

Scalable solution:

30, 60 or 90 DLT cartridges and 2 to 6 DLT 7000 tape drives

\* Compressed specifications assume a 2:1 compression ratio. Compression, capacity and throughput will vary depending upon type of data and system configuration. All specifications are subject to change without notice.

FEATURE	BENEFIT
Field upgradable	Protects customer investment
Rack and standalone configurations	Provides configuration flexibility
Laser bar code scanner	Reduces media inventory time and improves file management
Front access	Direct access to drives and media improves serviceability
Enhanced LCD display	Menu-driven interface provides easy operation and supplies user with instant library status
Multi-drive capability	Increases throughput, permits concurrent operation Allows fault tolerance
Removable magazines	Facilitates off-line storage, loading of library
5-cartridge entry/exit port	Access cartridges without interrupting library operations
Standard Ethernet port	Allows for browser-based library management
Exabyte 480 emulation	Supports a broad range of software applications

## Exabyte 690D Technical Specifications

### Capacity

With 90 slots and DLT 7000 drives:  
6.3 TB, compressed\*  
3.15 TB, uncompressed

### Data Transfer Rate, Aggregate

With 6 DLT 7000 drives:  
60 MB per second, compressed\*  
30 MB per second, uncompressed

### Cartridge Access Time

< 14 seconds

### Interface

SCSI-2 Fast Wide/Differential

### Reliability

Robotics MCBF: >1,000,000 mean cycles between failures  
Drive MTBF:

*DLT drive reliability as published by Quantum Corporation*

### Environmental

Operating temperature:  
10° C to 35° C (41° F to 95° F)  
Nonoperating temperature:  
-20° C to 60° C (-40° F to 140° F)  
Relative humidity, noncondensing, operating:  
20% to 80%

### Power

90 to 259 VAC, 48 to 62 Hz  
Auto-switching power supply  
410 watts maximum  
290 watts minimum

### Dimensions (HxWxD)

Standalone:  
56.1 x 19.0 x 29.0 inches  
142.5 x 48.3 x 73.7 cm  
Width at base:  
26.5 inches  
67.9 cm  
Rack mount:  
52.5 x 19.0 x 29.0 inches  
133.4 x 48.3 x 73.7 cm  
Shipping package:  
65.6 x 33.5 x 36.0 inches  
166.7 x 85.1 x 91.4 cm

### Weight

Standalone: 380 lbs.  
Shipping weight: 473 lbs.  
Rack mount: 273 lbs.  
Shipping weight: N/A  
Additional drive in carrier: 12 lbs.  
Additional power supply: 11 lbs.  
Weights cited include 2 tape drives, 18 data cartridge magazines and no data cartridges, with one power supply

### Media

Exatape DLT IV Data Cartridge and DLT CleaningTape III  
Media is available in Exapak®, data cartridge magazines preloaded with appropriate Exatapes.

### Agency Certifications

UL, CSA, IEC, FCC, TUV, CISPR

### Warranty

Three-year  
First year on-site service in North America and Europe

### Customer-Ready Configuration

The 690D library includes  
2 DLT 7000 drives, robotics and enclosure as well as the following items:  
Power cord  
Cables  
Terminator  
Data cartridges  
Data cartridge magazine  
Installation and operations manual

## Tape Drive Integration

*The Exabyte 690D library accommodates 30, 60 or 90 DLT cartridges and 2 to 6 DLT 7000 tape drives.*

*Tape drives and tape libraries are available as consumer-ready kitted products or as integration components. Contact an Exabyte sales representative at 1-800-774-7172 for more information.*

## Media Compatibility

*The Exabyte 690D library with DLT 7000 uses DLTape media for optimal data recording and drive performance.*

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