

# X200

## MammothTape™ Library



### Up to 30 TB capacity with native Fibre Channel

Provides automation for storage and performance needs of application servers and data-intensive applications

- SAN-ready native Fibre Channel library
- Exceptional scalability and reliability
- 12 TB capacity (30 TB compressed\*)
- 432 GB per hour data throughput (1 TB compressed\*)
- Native Fibre Channel and serverless backup options



#### FEATURES

#### ADVANTAGES

#### BENEFITS

*Native Fibre Channel*

*Eliminates need for bridge or router*

*Enhances cost-effectiveness, reliability and throughput. Decreases total cost of ownership.*

*Hot-pluggable drives*

*Allows convenient maintenance and drive upgradability*

*Maximizes data availability*

*Optional redundant hot-pluggable power supply*

*Ensures continuous operation*

*Improves reliability; reduces downtime*

*Laser barcode scanner*

*Ensures fast calibration of drives, reduces POST time, improves media management*

*Increases efficiency by reducing media inventory time*

*Field-upgradable*

*Library grows with storage needs*

*Provides flexible and cost-effective growth that matches the pace of customer business growth*

Exabyte's X200 is the most flexible, reliable and affordable tape library in its class. The X200 offers both Fibre Channel and SCSI interfaces, providing the flexibility of direct attachment to a server or native Fibre Channel SAN and serverless backup.

Exabyte's highest capacity, highest performance M2 tape library, the X200 offers enterprise performance and reliability at a midrange price. This library can store up to 30 TB of data, outperforming the competition with throughput of up to 1.08 TB per hour. When fully loaded with 200 data cartridges, the X200 is large enough to accommodate the storage needs of most enterprise environments, yet small enough to fit in a 19-inch rack. High rack density and unprecedented speed and capacity make this tape library an excellent value.

Providing unbeatable reliability, quality and compatibility, the X200 is SAN-ready, with options such as Ethernet connectivity, native Fibre Channel connectivity and serverless backup.

The serverless backup option is built right into the firmware of Exabyte's M2 tape drives. This eliminates the need for a router, a critical point of failure, and reduces total cost of ownership.

Exabyte's serverless backup enables end users to reap the real benefits of a Fibre Channel SAN. Because the backup window is eliminated, 24/7 backups now become a reality. Backup and recovery times are accelerated and server cycles are eliminated, improving application performance and leaving servers free for business operations.

\* Assumes a compression ratio of 2.5:1 with M2, 2:1 with Mammoth. Compression, capacity and throughput will vary depending upon type of data and system configuration. All specifications are subject to change without notice.

The Exabyte X200 library includes two drives, U.S. power cord, user manuals, Exabyte Library Monitor software, one 2-meter cable, one 1-meter cable, one 15" cable, one SCSI terminator; barcode labels and 40 Exabyte AME 225m SmartClean data cartridges.

X200 Configurations	Exabyte Part #
X200, 2/M2 Fibre Channel, Tower Kitted-40 slot	270013-1332
X200, 2/M2 LVD, Tower Kitted-40 slot	270013-1258
X200, 2/M2 Fibre Channel, Tower Kitted-200 slot	270013-1336
X200, 2/M2 LVD, Tower Kitted-200 slot	270013-1262
Professional Installation Program	1007926

*NOTE: To ensure optimal connectivity and performance, the Exabyte Professional Installation Program is required with all X200 installations.*



M2 Options	Exabyte Part #
M2 LVD Drive Carrier	1002699
M2 Fibre Channel Drive Carrier	1005299
40 slot upgrade	341976
X200 Exapak	00570

## Media Compatibility

For optimal drive performance and reliability, Exabyte recommends only AME SmartClean media for M2 tape drives and libraries. The X200 with M2 can use other AME media but will require regular cleaning with an Exabyte Mammoth cleaning cartridge.

## Tape Drive Integration

The X200 tape library can be configured with up to 200 cartridges and up to 10 tape drives.

## Exabyte X200 Technical Specifications

### Capacity

M2 with 200 slots

- 12 TB, native
- 30 TB, compressed\*

Mammoth with 200 slots

- 3.2 TB, native
- 8 TB, compressed\*

### Data Transfer Rate, Aggregate

M2

- 432 GB/hr, native
- >1.08 TB/hr, compressed\*

Mammoth

- 108 GB/hr, native
- 216 GB/hr, compressed\*

### Cartridge Access Time

< 10 seconds

### Interface

SCSI Wide, Low Voltage Differential  
SCSI Wide, High Voltage Differential  
Fibre Channel

### Reliability

Robotics: MCBF >1,000,000  
Drive MTBF: 250,000 hours

### Environment

Operating temperature:  
5°C to 35°C (41° F to 95° F)

Nonoperating temperature:  
-20° C to 60° C (-4° F to 140°F)

Relative humidity, noncondensing, operating:  
20% to 80%

### Power

90 to 259 VAC, 48 to 62 Hz  
Auto-switching power supply

### Power Consumption

815 watts maximum (approx.)  
290 watts minimum (approx.)

### Dimensions (HxWxD)

Standalone:

56.1 in. x 19.0 in. x 29.0 in.  
142.5 cm x 48.3 cm x 73.7 cm

Width at base:

27.0 in.  
68.6 cm

Rack-mount:

52.5 in. x 19.0 in. x 29.0 in.  
133.3 cm x 48.3 cm x 73.6 cm

### Shipping package:

65.6 in. x 33.5 in. x 36.0 in.  
166.7 cm x 85.1 cm x 91.4 cm

### Weight

Standalone: 371 lbs.  
Shipping weight: 413 lbs.

Rack-mount: 286 lbs.  
Shipping weight: N/A

Additional drive in carrier: 9.5 lbs.

Additional power supply: 7 lbs.

Weights cited include:  
2 tape drives  
8 data cartridge magazines  
No data cartridges  
One power supply

### Media

M2

Exabyte 225m AME data cartridges with SmartClean™

Mammoth

Exabyte 22m, 45m, 125m, and 170m AME data cartridges and Mammoth cleaning cartridges

Media is available in Exapaks, data cartridge magazines preloaded with appropriate Exabyte media.

### Agency Certifications

UL, CSA, IEC, FCC, TUV, CISPR

### Warranty

Three-year limited warranty  
(First year on-site service in North America and Europe)

### Software Compatibility

For the most recent software compatibility information, please visit the Products section on the Exabyte website at [www.exabyte.com](http://www.exabyte.com)

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\* Assumes a compression ratio of 2.5:1 with M2, 2:1 with Mammoth. Compression, capacity and throughput will vary dependent upon type of data and system configuration. All specifications are subject to change without notice.

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