440/480

APPLICATION INDEX

HIGH-END	LOW-END	HIGH-END	LOW-END
FILE SERVERS	APPLICATION/DATABASE SERVERS		ENTERPRISE/ DATA CENTER

Typical installations: Large enterprise application servers and networks.

Supported applications: Lights-out data center operations, unattended network backup/restore, remote storage, automated archiving, imaging and hierarchical storage management.

These libraries accommodate Exabyte Mammoth or Eliant 820™ tape drives. The two-drive, 40-cartridge 440 upgrades easily to a four-drive, 80-cartridge 480. All Exabyte libraries feature the industry's most advanced and durable robotics system as well as a user-friendly interface and modular design.

Exabyte libraries are fifth-generation products that consistently demonstrate the highest levels of reliability and software compatibility. Their use can cut data management cost and time by 50 percent. Recognized as a world leader in data storage automation, Exabyte has shipped more tape storage solutions for midrange network servers than any other company. The installed base of Exabyte tape drives and libraries today exceeds 1.5 million units.

Automated Mammoth and 8mm Tape Drive Libraries

► Up to 3.2 TB capacity*

► Data throughput of up to 86.4 GB per hour*

► 1,750,000 MCBF

► Compatible with all industry-leading software applications

► Highest capacity per cubic foot in industry

FEATURE	BENEFIT
Field upgradable	Protects the customer investment, grows with storage needs
Multi-drive capability	Allows faster transfer of data and provides fault tolerance
Rack and tower configurations	Provides installation flexibility
Standard bar code scanner	Reduces media inventory time and improves file management
Front access	Provides direct access to drives and media, improving serviceability
Key lock with electronic override	Provides data security and ensures safe operation
LCD display	Menu-driven interface provides easy operation and supplies user with instant library status
Removable 10-cartridge magazines	Facilitates off-line storage
Dedicated cleaning slot	Automate drive cleaning operations or use as extra data cartridge
Entry/Exit port	Allows cartridge access without disrupting library operations

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

Exabyte®

440/480

Equipped with Mammoth drives, the Exabyte 440/480 is compatible with Exatape® 170m and 22m AME (Advanced Metal Evaporated) media. Equipped with Eliant 820 drives, the library is compatible with Exatape 160mXL media.

Exabyte stands behind every product with award-winning support and service. Exabyte's SupportSuite℠ provides a range of services for the company's growing line of reliable, high performance tape storage products.

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.

Exabyte 440/480 Automated 8mm and Mammoth Tape Libraries Technical Specifications

Capacity

With 80 170m AME cartridges:
 3.2 TB, compressed
 1.6 TB, native

With 80 160mXL cartridges:
 1.12 TB, compressed
 560 GB, native

With 40 170m AME cartridges:
 1.6 TB, compressed
 800 GB, native

With 40 160mXL cartridges:
 560 GB, compressed
 280 GB, native

Data Transfer Rate, Aggregate

With four Mammoth drives:
 24 MB per second, compressed
 12 MB per second, native

With four Eliant 820™ drives:
 8 MB per second, compressed
 4 MB per second, native

With two Mammoth drives:
 12 MB per second, compressed
 6 MB per second, native

With two Eliant 820™ drives:
 4 MB per second, compressed
 2 MB per second, native

Cartridge Access Time

< 10 seconds

Interface

SCSI-2 Fast
Narrow/Single-ended or Differential
 (Mammoth and Eliant 820)
Wide/Differential (Mammoth)

Reliability

Robotics: 1,750,000 mean cycles
 between failures
Drive MTBF:
 Mammoth: 250,000 hours
 Eliant 820: 200,000 hours

Recording Method

8mm helical scan

Environmental

Operating temperature:
 5° C to 35° C (41° F to 95° F)
Nonoperating temperature:
 - 40° C to 60° C (-40° F to 140° F)
Relative humidity, noncondensing,
 operating:
 20% to 80%

Power

100 to 240 VAC, 50 to 60 HZ
Auto-switching power supply
95 watts minimum
145 watts maximum

Dimensions (HxWxD)

Standalone:
 25.5 in. x 19 in. x 26.75 in.
 64.8 cm x 48.3 cm x 67.9 cm
Rack mount:
 21 in. x 19 in. x 26.3 in.
 53.3 cm x 48.3 cm x 66.8 cm
Shipping package:
Standalone:
 31.62 in. x 25.5 in. x 33.25 in.
 80.31 cm x 64.77 cm x 84.46 cm
Rack mount:
 27.62 in. x 24.25 in. x 33.12 in.
 70.15 cm x 61.59 cm x 84.12 cm

Weight

Weights cited include four tape drives,
 four data cartridge magazines and 40
 data cartridges
Standalone: 211 lbs./95.9 kg
Shipping weight: 238 lbs./110 kg
Rack mount: 152 lbs./69.1 kg
Shipping weight: 179 lbs./82 kg

Media

Mammoth drive: Exatape 170m AME
 and Exabyte Mammoth Cleaning
 Cartridge
Eliant 820: Exatape 160m*XL* and
 Exabyte Premium Cleaning Cartridge
Use of other cleaning methods may void
 drive warranty.
Media is also available in Exapaks™ —
 data cartridge magazines preloaded
 with appropriate Exatapes.

Agency Certifications

UL, CSA, VDE, IEC, FCC, TUV, CISPR

Warranty

3-year, 1st year on site with Mammoth

Customer-ready Configurations

The Exabyte 440 and 480 libraries
 include two or four Mammoth or
 Eliant 820 8mm tape drives. Also
 included are robotics and enclosure
 as well as the following items:
Bar code scanner and sample labels
Power cord
SCSI cable
SCSI terminators
Exabyte Premium or Mammoth Cleaning
 Cartridge
Data Cartridge Magazines
 with dust covers
40 Exatape 8mm Data Cartridges
Installation and Operations Manual

Software Compatibility

For the most recent software compatibility information, please visit the **Products** section on the Exabyte web site.

www.exabyte.com

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