

VXA-2 PacketLoader 1x10 1U



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The VXA-2 PacketLoader 1x10 1U sets a new standard in capacity, data reliability, transfer speed and price for this class of automation products. In addition to its compact 1U, rack-mountable form factor, it offers a midrange feature set, including a barcode reader standard, random library operation and optional remote management. Plus, it is the only 1u autoloader with a field-replaceable drive, allowing for easy upgrades to future generations of VXA drives without the cost of buying a whole new box. The VXA-2 PacketLoader 1U offers dramatically higher data reliability than comparable tape automation due to its ground-breaking VXA Packet Technology.

- Remarkable affordability — automation for the price of a single drive
- Barcode reader included as standard feature, allowing easy media management
- Rack-mount kit included for easy installation into a standard 19' rack
- VXA Packet Technology — the *New Standard* in tape storage

- The new standard in tape backup and restore
- Provides enough capacity for up to two weeks of unattended backup (1.6* terabytes — ten 160GB* tapes).
- Compatible with all VXA drives: IBM, Fujitsu/Siemens, Apple, Acer, HP.
- Uses VXA-2 Packet Tape Drives with patented VXA Packet Technology — extreme tested for 100% data restore integrity.
- Uses a compact 1U rack-mounted design to accommodate space constraints.
- Offers ten 160 GB cartridge slots for up to 1.6 TB backup capacity at a transfer speed of up to 43.2 GB/hr. to deliver the best combination of speed and capacity available in any comparable autoloader.
- Incorporates midrange autoloader features, such as a barcode reader standard, random library operation and optional remote management at an entry-level price.

VXA Packet Technology

VXA Packet Technology writes and reads data in small, digital packets, much like the Internet. This is a significant difference from all other tape technologies, which rely on costly and expensive track-based technologies.

VXA Packet Drives and Autoloaders offer:

- A Perfect Write™ and a 4 level Reed-Solomon Error Correction Code (ECC), making your data up to 180x more likely to restore — even from a damaged tape.
- Amazing transfer speeds — up to 43 GB per hour — allowing network administrators to backup 160 GB of data (equal to one VXA-2 tape) in under four hours.
- VXA X Tape are available in three different cartridge capacities (20/40GB, 40/80 GB and 80/160 GB), providing VXA-2 users the flexibility to choose the capacity that best meets their current storage and budget needs with the ability to add capacity on demand, simply by using larger capacity VXA Tapes. VXA X Tape uses AME, which provides significantly longer tape life than other tape technologies — 500 minimum uses — as compared to only 99 maximum recommended uses for DDS tapes.
- Superior reviews and awards by leading technology analysts and publications along with adoption by major OEMs including IBM, Apple and Fujitsu Siemens.



To get your protection up and working fast, each VXA-2 PacketLoader 1x10 1U is packaged with all necessary components.

For optimal performance and reliability, Exabyte provides VXA Packet media and cleaning cartridges specifically designed for use with VXA Packet Tape Drives and VXA PacketLoaders.

All configurations of the Exabyte VXA-2 PacketLoader 1x10 1U include:

- A bar code reader and bar code labels
- A rack-mount kit
- One VXA cleaning cartridge
- US and international power codes
- An Ethernet port (remote management option only)
- A documentation CD and printed Quick Start Guide
- The SCSI configurations include one 68-pin HD to HD LVD SCSI cable and one 68-pin HD LVD SCSI terminator
- The FireWire configurations include one FireWire 800 cable

The VXA-2 PacketLoader 1x10 1U is part of an entire family of automation products featuring VXA Packet Technology. Visit www.exabyte.com.

VXA-2 PacketLoader 1x10 1U Configurations	Exabyte Part #
VXA-2 PacketLoader 1x10 1U LVD	119.00500
VXA-2 PacketLoader 1x10 1U LVD with remote management	119.00510
VXA-2 PacketLoader 1x10 1U FireWire	119.11500
VXA-2 PacketLoader 1x10 1U Plus, w/ Yosemite Tapeware SW	119.02510

VXA-2 PacketLoader 1x10 1U Government Configurations	Exabyte Part #
VXA-2 PacketLoader 1x10 1U LVD, on contract	119.00500GVT
VXA-2 PacketLoader 1x10 1U LVD w/remote mgmt, on contract	119.00510GVT
VXA-2 PacketLoader 1x10 1U LVD, open market	119.00500
VXA-2 PacketLoader 1x10 1U LVD with remote mgmt, open market	119.00510
VXA-2 PacketLoader 1x10 1U FireWire, open market	119.11500

Warranty Uplifts	Exabyte Part #
3-year (total) Advanced Exchange (ADEX)†	1012312-000
3-year (total) 5x9 Next Business Day On-Site Service (OSS)†	1012313-000



VXA Packet Tapes
Exabyte offers a full line of Certified V Tape and X Tape media to optimize VXA Packet Tape Drive performance and ensure data integrity.

Product	Part No.	VXA-1	VXA-2
X23 (230m) Data Cartridge	111.00221	—	80/160GB*
X10 (124m) Data Cartridge*	111.00206	—	40/80GB*
X6 (62m) Data Cartridge**	111.00200	—	20/40GB*
X Cleaning Cartridge	111.00209	✓	✓
V23 (230m) Data Cartridge	111.00121	—	80/160GB*
V17 (170m) Data Cartridge	111.00103	33/66GB*	60/120GB*
V10 (120m) Data Cartridge	111.00106	20/40GB*	40/80GB*
V6 (62m) Data Cartridge	111.00100	12/24GB*	20/40GB*
VXA Cleaning Cartridge	111.00109	✓	✓

*Native/compressed, assumes 2:1 compression. **Requires firmware level 2105 or higher.

VXA-2 PacketLoader 1x10 1U Technical Specifications

Capacity
800 GB native, 1.6 TB compressed

Data Transfer Rate, Aggregate
21.6 GB/hr native,
43.2 GB/hr compressed

Cartridge Access Time
< 10 seconds

Interface
SCSI-2 Ultra2 LVD
FireWire 800

Reliability
Robotics: >250,000 mean cycles
between failures (MCBF)

Recording Method
Packetized data, 128 bytes per packet,
helical scan

Read and Write Formats
Read: VXA-1, VXA-2
Write: VXA-1, VXA-2

Environment
Operating temperature:
5° C to 40° C (41° F to 104° F)
Nonoperating temperature:
-40° C to 60° C (14° F to 140° F)
Relative humidity, noncondensing,
operating: 20% to 80%

Power
100 to 240 VAC, 50 to 60 Hz
Auto-switching power supply
Power Consumption:
20 watts minimum
37 watts maximum

Dimensions (HxWxD)
1.72 x 17.6 x 27.0 inches
4.36 x 44.8 x 68.6 cm
1U rack height

Weight
23 lbs.
10.4 kgs
Shipping weight:
33.5 lbs.
15.2 kgs

Agency Certifications
UL, CSA, FCC, CISPR

Warranty
Three-year warranty with first year
advance exchange

Software Compatibility
Compatible with all major backup applica-
tions and operating systems. For up to
date compatibility information please visit
our website at www.exabyte.com

FireWire configurations ship with Dantz®
Retrospect Backup Workgroup.

Contact an Exabyte sales representative
at 1-800-EXABYTE for availability of
products using VXA Packet Tape
Technology.



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