

# PacketLoader 1x10 1U

# VXA-172



## VXA-172 PacketLoader 1x10 1U

The VXA-172 PacketLoader is the world's only tape autoloader to provide up to 1.7 TB, at 24 MB/sec and offer "on-demand capacity" through an affordable and easy firmware upgrade that increases capacity up to 3.2 TB.

In addition to the "on-demand" capacity, the VXA-172 PacketLoader offers the scalability of different media sizes (172 GB X10 or 80 GB X6), lowering the overall cost of ownership.

Packed with great features like: 1.7 TB capacity (upgradeable to 3.2TB), up to 24MB/s data rate, built barcode reader, slim 1U form factor, random library operation, multilingual LCD display and user upgradeable drive, the VXA-172 PacketLoader offers midrange features and "on-demand" room to grow at an entry level price.

- Remarkable affordability — automation for the price of a single drive
- Barcode reader included as standard feature, allowing easy media management
- 4-post Rack-mount kit included for easy installation into a standard 19' rack
- VXA Packet Technology — the *New Standard* in tape storage
- Read-write compatible with all VXA-2 and VXA-320 products including those offered by IBM, Fujitsu-Siemens Apple and others.

- Provides enough capacity for up to two weeks of unattended backup (1.7TB upgradeable to 3.2TB).
- Compatible with all VXA-2 and VXA-320 drives: IBM, Fujitsu-Siemens, Apple, Acer.
- Uses VXA-172 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.
- Ten 172 GB tape slots provide up to 1.7TB of data protection at up to 86.4GB/hr, offering the best value in entry to midrange automation.
- Incorporates midrange autoloader features, such as a barcode reader standard, and random library operation functionality 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).
- Amazing transfer speeds — up to 86 GB per hour — allowing network administrators to backup 172 GB of data in under two hours.
- VXA X Tape are available in three different cartridge capacities (40/80 GB and 86/172 GB), providing VXA-172 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 leading computer manufacturers including IBM, Apple and Fujitsu-Siemens.



\*Assumes a 2:1 compression ratio. Compression, capacity and throughput will vary dependent upon type of data and system configuration.  
† Requires use of X6, X10, X23 or V23 VXA Tape Media.

To get your protection up and working fast, each VXA-172 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.

Each VXA-172 PacketLoader comes equipped with:

- A bar code reader and bar code labels
- A 4-post rack-mount kit
- One VXA cleaning cartridge
- US and international power cords
- A printed Quick Start Guide
- One 68-pin HD to HD LVD SCSI Cable
- One 68-pin HD LVD SCSI Terminator

The VXA-172 PacketLoader 1x10 1U is part of an entire family of automation products featuring VXA Packet Technology. Visit [www.exabyte.com](http://www.exabyte.com).

VXA-172 PacketLoader 1x10 1U Configurations	Exabyte Part #
VXA-172 PacketLoader 1x10 1U LVD	119.00700

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

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



Product	Part No.	VXA-2	VXA-3	VXA-172
X23 (230m) Data Cartridge	111.00221	80GB/160GB*	160/320GB*	—
X10 (124m) Data Cartridge**	111.00206	40GB/80GB*	86/172GB*	86/172GB*
X6 (62m) Data Cartridge**	111.00200	20GB/40GB*	40GB/80GB*	40GB/80GB*
Cleaner	111.00209	✓	✓	✓

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

## VXA-172 (VXA-3) PacketLoader 1x10 1U Technical Specifications

**Capacity**  
860 GB native, 1.7 TB Compressed (Upgradeable to 1.6TB Native, 3.2TB Compressed)

**Data Transfer Rate, Aggregate**  
43.2 GB/hr native, 86.4 GB/hr compressed

**Cartridge Access Time**  
< 10 seconds

**Interface**  
SCSI-3 Ultra 160

**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-2, VXA-3  
Write: VXA-2, VXA-3

**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:  
35W

**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 Advance Exchange

**Software Compatibility**  
Compatible with all major backup applications and operating systems. For up to date compatibility information please visit our website at [www.exabyte.com](http://www.exabyte.com)

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



1-800-EXABYTE

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1-800-EXABYTE

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1-800-774-7172

**Technical Support:**  
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