

# VXA Packet Tape Drives

*Award-Winning Packet Technology*

Tandberg Data's award-winning 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.

The Tandberg StorageLoader VXA autoloaders provide an affordable backup solution for SMBs. VXA drives provide superior restore integrity, exceptional transfer speeds, scalable tape capacities, Perfect Write operation and 4-level Reed-Solomon Error Correction Code.

VXA drives are up to 180 times more likely to restore data than DDS drives (even from damaged tapes). VXA tapes are available in three capacities, allowing you to choose the capacity that best meet your current storage and budget needs.

The StorageLoader VXA is available with either a LVD SCSI or firewire interface and is supplied with a barcode scanner, rackmount kit and Ethernet port for remote management as standard.

#### StorageLoader VXA-172:

Capacity: 860GB-1.7TB\* (up to two weeks of unattended backup)  
 Transfer rate of up to 86.4GB/hr\*  
 SCSI-3 Ultra 160 interface  
 Two different cartridge capacities: 40/80GB\*, 86/172GB\*

#### StorageLoader VXA-320:

Capacity: 1.6TB-3.2TB\* (up to two weeks of unattended backup) Transfer rate of up to 86.4GB/hr\*  
 Available with SCSI-3 Ultra 160 or FireWire 800 interfaces  
 Three different cartridge capacities: 40/80GB\*, 80/160GB\* and 160/320GB\*




## Key Benefits

### Outstanding ROI and TCO

Upgrade to automated backup for the price of a single drive

### Scalable Capacity

Up to three media length choices provide just the right capacity for today's backup needs and the flexibility to scale for future data growth

### Disaster Tested

Three generations of VXA products have been disaster tested by Tandberg Data and independent labs under the most severe conditions to ensure reliable and complete data restores

### Minimize Downtime

The StorageLoader VXA is supported with a 3-year warranty and Advance Replacement Service

### Turnkey Solution

All models include a barcode reader, rack-mount kit, cleaning cartridge a Quick Start Guide, so you are up in running in a matter of minutes



StorageLoader VXA-172, VXA-320

## Specifications

	Tandberg StorageLoader VXA-172	Tandberg StorageLoader VXA-320
Capacity (native/compr.*)	<b>800GB / 1.6TB*</b> (Upgradeable to 1.6TB / 3.2TB)	<b>1.6TB / 3.2TB*</b>
Transfer Rate Aggregate (native/compr.*)	<b>43.2GB/hr / 86.4 GB/hr*</b>	<b>43.2GB/hr / 86.4 GB/hr*</b>
File Access Time	<b>&lt;10 seconds</b>	<b>&lt;10 seconds</b>
Interface	<b>SCSI-3 Ultra 160</b>	<b>SCSI-3 Ultra 160, FireWire 800</b>
Reliability	<b>MCBF: &gt;250,000 mean cycles between failures</b>	<b>MCBF: &gt;250,000 mean cycles between failures</b>
Temperature (Operating)	<b>5C to 40C (41F to 104F)</b>	<b>5C to 40C (41F to 104F)</b>
Temperature (Non-operating)	<b>40C to 60C (-40F to 140F) Non-operating</b>	<b>40C to 60C (-40F to 140F) Non-operating</b>
Rel. Humidity	<b>20 to 80% (non-condensing)</b>	<b>20 to 80% (non-condensing)</b>
Power	<b>100 to 240 VAC, 50 to 60 Hz Auto switching power supply - 35W</b>	<b>100 to 240 VAC, 50 to 60 Hz Auto switching power supply - 35W</b>
Agency Certifications	<b>UL, CSA, FCC, CISPR</b>	<b>UL, CSA, FCC, CISPR</b>
Warranty	<b>3 Year Advanced Exchange</b>	<b>3 Year Advanced Exchange</b>
Recording Method	<b>Packetized data, 128 bytes per packet, helical scan</b>	<b>Packetized data, 128 bytes per packet, helical scan</b>
Read and Write Formats	<b>Read: VXA-2, VXA-3 Read and Write: VXA-2, VXA-3</b>	<b>Read: VXA-2, VXA-3 Read and Write: VXA-2, VXA-3</b>
Media	<b>Advanced Metal Evaporated (AME) media</b>	<b>Advanced Metal Evaporated (AME) media</b>
Drive Cleaner	<b>Tandberg Data VXA cleaning cartridge is required</b>	<b>Tandberg Data VXA cleaning cartridge is required</b>
Software Compatibility	<b>All models are compatible with all major backup applications and operating systems.</b>	<b>All models are compatible with all major backup applications and operating systems.</b>

\* Assumes a 2:1 compression ratio

\*\*May not be available in certain geographical locations

## Form Factor

Height:	<b>1.72 in. (43.6cm) 1U rack</b>
Width:	<b>17.6 in. (44.8 cm)</b>
Length:	<b>27.0 in. (68.6cm)</b>
Weight	<b>23 lbs. (10.4 kg)</b>
Shipping Weight	<b>33.5 lbs. (15.2 kgs)</b>

**About Tandberg Data:** Tandberg Data is a leading global supplier of backup and archiving technologies. Tandberg Data offers a complete range of tape libraries, tape autoloaders and tape drives (based on the LTO™, SLR™, VXA® tape technology platforms), storage software, data media and disk-based storage such as the RDX™ QuikStor. These solutions are marketed exclusively through a channel of qualified resellers and distributors. These solutions are underpinned by OEM agreements with major server manufacturers including IBM, Hitachi, Fujitsu, Fujitsu-Siemens, Apple and Dell and supported by all major operating systems and storage software applications to operate in heterogeneous network environments. All solutions are designed to meet the growing storage requirements of small and medium-sized organisations with scalability, reliability and backward compatibility features that ensure cost effective operation and long-term investment protection.

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