

VXA-320 (VXA-3) Packet Tape Drive



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VXA – The Most Reliable Restore in Tape™

If value is at the top of your selection criteria then it's time to step up to the new standard in tape backup, the VXA-320 (VXA-3) Packet Tape Drive, featuring Exabyte's award-winning VXA® Packet Technology™. VXA-320 (VXA-3) Packet Drives provide 160 GB capacity (up to 320 GB compressed¹) giving customers exceptional capacity and remarkable affordability. Its unique combination of greater capacity, faster data transfer rates and dramatically improved data reliability makes the VXA-320 (VXA-3) Packet Drive the gold standard in SMB/departmental tape backup and restore.



- Selected by OEMs — including IBM, Fujitsu-Siemens, Apple and Toshiba — providing a definitive endorsement of VXA Packet Tape Drives as the new standard for tape storage in its class.
- Read/write compatible with all VXA-2 and VXA-320 (VXA-3) Packet Tape Drives² available from IBM and Fujitsu-Siemens.

- VXA-320 (VXA-3) provides over 4x the capacity and speed as well as 180x the restore integrity of DAT-72 at a comparable price.
- VXA-320 (VXA-3) delivers up to 320 GB¹ of capacity at a transfer rate up to 24 MB/second¹.
- Extreme tested VXA Packet Technology provides 100% restore even in the most severe conditions.
- VXA Packet drives and tapes offer scalable capacity – three media length choices provide just the right capacity for today's backup needs and the flexibility to scale for future data growth.
- VXA Packet media and cleaning cartridges, specifically designed for use with VXA-320 (VXA-3) Packet tape drives, provide optimal drive performance and reliability.
- VXA X Tape are available in three different cartridge capacities (40/80GB, 80/160 GB and 160/320 GB), providing VXA-320 (VXA-3) 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 product reviews and adoption by major OEMs have established VXA-2 Packet Technology as the new standard in tape backup and restore.
- Media written with VXA-2 Packet Drives are read-compatible with the VXA-320 (VXA-3) Packet Drive².
- Media written with all VXA Packet Tape drives sold by IBM, Fujitsu-Siemens, Toshiba, Apple and others are read-compatible with the VXA-320 (VXA-3) Packet Drive².
- VXA-320 (VXA-3) is available with a SCSI-3 LVD.

VXA Packet Technology

Exabyte's award-winning Packet Technology enables VXA Packet drives to read and write data on tape using digital packets, just like the Internet. This Packet Technology provides far superior restore integrity, exceptional transfer speeds and scalable capacity. VXA-320 (VXA-3) Packet drives deliver transfer speeds up to 24 MB per second¹, allowing network administrators to backup 320 GB¹ of data (equal to one VXA-320 (VXA-3) tape) in less than four hours. With PerfectWrite™ and 4 level Reed-Solomon Error Correction, VXA products are the only tape devices that are up to 180x more likely to restore your data — even from a damaged tape.

¹Compressed. Compressed specifications assume 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.

²Requires use of Exabyte VXA Packet V23, X23, X10 or X6 Data Cartridges.

The Exabyte VXA-320 (VXA-3) Packet Tape Drive is packaged with the components needed to get your data protection up and running fast:

- The kitted configuration of the LVD SCSI internal VXA-320 (VXA-3) Packet Tape Drive also includes one X23 VXA-320 (VXA-3) data cartridge and one VXA cleaning cartridge.
- The kitted configuration of the LVD SCSI external VXA-320 (VXA-3) Packet Tape Drive also includes US and international power cords, a 68-pin HD LVD SCSI terminator, one X23 data cartridge and one VXA cleaning cartridge.
- All configurations of the VXA-320 (VXA-3) Packet Tape Drive include a documentation CD and a printed Quick Start Guide.

VXA-320 (VXA-3) Configurations	Exabyte Part #
VXA-320 (VXA-3), LVD, internal, black	114.00600
VXA-320 (VXA-3), LVD internal kitted, black W/ X23 tape and Yosemite Tapeware	114.02602
VXA-320 (VXA-3), LVD external kitted, black W/ X23 tape and Yosemite Tapeware	115.02601

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-320 (VXA-3)
X23 (230m) Data Cartridge	111.00221	80GB/160GB*	160/320GB*
X10 (124m) Data Cartridge**	111.00206	40GB/80GB*	80GB/160GB*
X6 (62m) Data Cartridge**	111.00200	20GB/40GB*	40GB/80GB*
Cleaner	111.00209	✓	✓

VXA-320 (VXA-3) Packet Tape Drive Technical Specifications

Capacity	X23 or V23 cartridge 160/320 GB* X10 80/160 GB* X6 40/80 GB*	Power	TBD
Performance	Search Rate (maximum): 165 x read/write Speed (1.98 GB per second native) Cartridge load to ready: TBD	Dimensions (HxWxD)	Internal: 41.5mm x 146mm x 203mm (1.63 in. x 5.75 in. x 8.0 in.) External: 86mm x 227mm x 286mm (3.38 in. x 8.93 in. x 11.25 in.)
Transfer Rate	SCSI Ultra2 LVD/SE: Sustained: 12 MB per second native (43.2 GB per/hr) 24 MB per second compressed* (86.4 GB per/hr) Burst: 160 MB per second	Shipping Dimensions (HxWxD)	Internal: 177.8mm x 279.4mm x 355.6mm (7 in. x 11 in. x 14 in.) External: 177.8mm x 381mm x 533.4mm (7 in. x 15 in. x 21 in.)
Buffer Size	8 MB	Weight	Internal: 1 kg (2.2 lbs.) External: 3kg (6.6 lbs.)
Interface	SCSI-3 Ultra 160	Shipping Weight	Internal: 1.81437 kg (4 lbs.) External: 4.53592 kg (10 lbs.)
Reliability	MTBF 300,000 hours ECC Error Correction: 4-layer Reed Solomon ECC Hard Error Rate: <1 in 1 X 10 ¹⁷ bits	Agency Certifications	UL, CSA, IEC (bare drive) UL, CSA, IEC, FCC, CISPR, VDE, TUV (tabletop enclosure)
Recording Method	Packetized data, 128 bytes per packet, helical scan	Warranty	3 year Advance Exchange.
Read and Write Formats	Read: VXA-2, VXA-320 (VXA-3) Read and Write: VXA-2, VXA-320 (VXA-3)	Software Compatibility	The VXA-320 (VXA-3) Packet Tape Drive is compatible with all major backup applications and operating systems. For up-to-date compatibility information, please visit our website at: www.exabyte.com
Media	Advanced Metal Evaporated (AME) media	Contact an Exabyte sales representative at 1-800-EXABYTE for availability of VXA-320 (VXA-3) products or products using VXAtape technology	
Drive Cleaner	Exabyte VXA cleaning cartridge is required		
Environmental	Operating temperature (tape path): 5°C to +45°C (41°F to 113°F) Nonoperating temperature: -40°C to 60°C (-40°F to 140°F) Relative humidity, noncondensing: 20% to 80%		



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