Cost-effective, high-capacity tape storage for IBM System p and IBM System i

IBM 7206 Model VX3 External VXA-320 Tape Drive

Highlights

- ***Double the capacity of the VXA-2 tape drive***
- ***Up to 160GB capacity per cartridge (320GB with 2:1 compression)***
- ***Cost-effective migration path from 4mm tape drives***
- ***Twice the data rate of the VXA-2 tape drives such as the IBM 7206-VX2***
- ***12 MBps sustained data rate (24 MBps with 2:1 compression)***
- ***Unique data packet formatting for variable speed operation***
- ***Compatible with storage devices currently used on IBM System p™ and IBM System i™***

Low-cost tape storage

The IBM 7206 Models VX2 and VX3 External VXA-2 or VXA-320 Tape Drives are a higher capacity, cost-effective alternative to DDS/DAT tape technology, offering excellent data quality and performance. The never-ending growth in stored data is causing the size of backup jobs to increase as well. The new VXA tape technology standard provides a migration path to greater tape storage capacity at a price point similar to DDS/DAT drives.

Greater capacity and improved performance

First introduced in 1999, award-winning VXA tape products offer a unique combination of reliability, performance and value. The 7206 Model VX2 and VX3 Tape Drives support three lengths of cartridges with up to 320GB of compressed storage capacity in the new VXA-320 tape drive.

With an industry-standard Ultra2 SCSI LVD interface, the 7206 Models VX2 and VX3 Tape Drives can be installed quickly. The 7206 features a sustained data transfer rate of up to 12 MBps, and the new VXA-320 tape technology is downward read/write capable with media used in VXA-2 tape drives.

Innovative technology

A new discrete packet-recording format, available only on VXA tape drives, provides important performance and data reliability enhancements compared to 4mm tape drives. This recording technique allows individual data packets to be scanned multiple times as the tape drive routinely runs automatic error correction. This unique formatting approach helps improve data reliability as well as time-to-data performance.

High-quality media

The new IBM 7206 Model VX3 is designed to use the new VXA-320 data cartridges that offer high value, performance and reliability. To address a range of applications, cartridges are available in three capacities.

VXA-320 Media

Capacity	(uncompressed) Length
40GB	60 meters
80GB	170 meters
160GB	230 meters

High-quality IBM media can be ordered by part number from your IBM representative or IBM Business Partner. To locate the nearest source for media, call the following numbers worldwide:

- *United States and Canada: 1-888-IBM-MEDIA (1-888-426-6334)*
- *Latin America: 1-972-881-0733*
- *Asia Pacific: +81-3-3808-8486*
- *Europe, the Middle East, Africa: +31-433-502-756*

IBM 7206 Model VX3 External VXA-320 Tape Drive at a glance

Characteristics	
Warranty	24x7, one year, IBM on-site repair
Color	Black
Media	VXA-2 (VX2); VXA-320 (VX3)
Native capacity	80GB (VX2); 160GB (VX3)
Compressed capacity	160GB per cartridge* (VX2); 320GB per cartridge* (VX3)
Data transfer rate	6 MBps (VX2); 12 MBps (VX3)
Interface	Ultra2 SCSI LVD (68-pin)
Dimensions	
Height	55mm (2.2 in.)
Width	250mm (9.8 in.)
Depth	275mm (10.8 in.)
Weight	3.2kg (7.1 lbs) – VX2, 3.4kg (7.5 lbs) – VX3
Operating environment	
Humidity	20% to 80%
Temperature	16° to 32° C (60° to 90° F)
Power	0.03 kVA @ 120v

For more information

Contact your IBM representative or IBM Business Partner or visit:

ibm.com/storage/tape/

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GB equals one billion bytes when referring to hard drive capacity; accessible capacity may be less.

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IBM hardware products are manufactured from new parts, or new and used parts. In some cases, the hardware product may not be new and may have been previously installed. Regardless, IBM warranty terms apply.

Data provided is for information only and does not constitute a warranty of performance. Actual processing time achieved with the VXA-2 Tape Drive is a function of components such as system processor, the associated tape drive configuration, data block size, data compressibility, dependencies on other I/O such as disk, and the system and application software used.

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* Based on 2:1 compression

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