

Entry-level LTO Ultrium tape library designed to provide reliable, high capacity, high performance tape backup



IBM System Storage TS3200 Tape Library Express Model



The new IBM System Storage™ TS3200 Tape Library Express Model is designed to offer high capacity and performance technology for the midrange open systems environments. The TS3200 Tape Library is an external 4U standalone or rack-mountable unit that incorporates up to two Linear Tape-Open™ (LTO) IBM TotalStorage® Ultrium 3 Tape Drives, with improved drive performance over the previous generation IBM LTO Ultrium 2 Tape Drives. It has a native data rate of up to 80 Mbps per drive.

Highlights

- **Available with one or two Ultrium 3 Tape Drives with either LVD SCSI or the new 4GB Fibre Channel attachment**
- **Configured to hold four removable magazines, providing 44 data cartridges, a three-slot I/O station, and one dedicated cleaning cartridge slot**
- **Standard bar code reader and remote management unit to give the user greater flexibility in deployment and operation**
- **Removable cartridge magazines supports quick bulk load of the tape library as well as ease of storage for media**
- **Ultrium 3 cartridges with Write Once, Read Many (WORM) capability are supported with the IBM Ultrium 3 Tape Drives.**
- **Standalone or rack-mountable**

The IBM System Storage TS3200 Tape Library Express Model is an excellent tape storage solution for organizations with existing digital linear tape experience or requiring high-performance automated tape backup. The TS3200 is also designed for organizations that have limited physical space in their IT environments. Operating in a rack environment allows organizations the advantage of placing the TS3200 in a standard 19" rack, which provides 35.2TB of compressed tape storage in just a 4U space.

The TS3200 Tape Library can be ordered with up to two feature #8043, an Ultrium 3 LVD SCSI Drive, or up to two feature #8044, a Ultrium 3 4GB Fibre Channel Drive, which allows connection to a wide spectrum of open systems servers. IBM Ultrium 3 Tape Drives can also read LTO Ultrium 1 Data Cartridges with data rates of up to 20 Mbps native data transfer rate (40 Mbps with 2:1 compression).

The TS3200 Tape Library has four removable cartridge magazines, providing 44 data cartridge slots, one three-port I/O station, and one dedicated cleaning cartridge slot. The TS3200 Tape Library provides a media capacity of up to 17.6TB (35.2TB with 2:1 compression) data storage per unit. Remote management and a bar code reader are standard in the library, allowing the library to run in sequential or random access mode. Optional features available are rack mount kit, additional power supply, and Path Failover.

Not too big. Not too small.

Designed for mid-sized business, the IBM Express Portfolio of offerings is just right. Each and every offering that's part of the IBM Express Portfolio is certified to ensure three simple features:

- 1. Easy to install and deploy**
- 2. Easy to manage**
- 3. Competitively priced**

The IBM Express Portfolio of offerings are scalable and have the features and functionality you'll need to meet your technology needs, including hardware, software, services and financing. Since they are priced just right for mid-sized businesses, you know you'll get more out of your investment.

IBM System Storage TS3200 Tape Library Express Model at a glance

Drive Options	Ultrium 3: LVD SCSI – FC (8043); 4 Gbps Fibre channel – FC(8044)
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Optional Feature Codes

Rack mount	7002
Right-side magazine set	8106
Path Failover	1682
Additional Power Supply	1901

Tape drive type	IBM LTO Ultrium 3
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Number of Drives	1-2
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Number of tape cartridges	44
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Number of mail slots	3
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Capacity	Up to 800GB per cartridge compressed; 400GB native Up to 35.2TB per tape Library compressed; 17.6TB native
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Data transfer rate	Up to 80 Mbps native with LTO Ultrium 3
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Dimensions (W x H x D)

Stand alone	17.6 in (447.5 mm) x 7.29 in (185.2 mm) x 31.9 in (810 mm)
Rack-mount	17.6 in (447.5 mm) x 6.89 in (175.2 mm) x 29.13 in (740 mm)
Weight	33 lb (15kg) without rack mount

Operating Environment

Temperature	50 to 95 degrees F, 10 to 35 degrees C
Relative Humidity	15% RH to 85% RH (non-condensing)
Electrical power	1.3 amps at 100 V ac, 0.7 amps at 240 V ac

Attachment and systems support	The TS3100 features LVD Ultra160 and 4 Gbps Fibre Channel interfaces, attaching to IBM System p™ and System p5™, pSeries®, IBM System i™ and System i5™, iSeries™, IBM xSeries®, RS/6000® SP, AS/400, IBM Bladecenter®, and IBM Netfinity® systems, and non-IBM servers, workstations and personal computers
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Operating Systems support	Native device driver support is available for AIX®, OS/400®, i5/OS™, Windows® 2000, Windows Server™ 2003, Sun Solaris, HP-UX, Red Hat and United Linux®.
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For more information

Contact your IBM representative or IBM Business Partner or visit:

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MB, GB and TB equal 1,000,000, 1,000,000,000 and 1,000,000,000,000 bytes, respectively, where referring to storage capacity. Actual storage capacity will vary based upon many factors and may be less than stated. Some numbers given for storage capacities give capacity in native mode followed by capacity using data compression technology.

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