

Compact high performance tape automation supports information availability, retention, compliance and security



IBM System Storage TS3400 Tape Library



Highlights

- ***Control path and data path automatic failover features are designed to keep data available***
- ***Supports information retention using the high capacity and attractive performance of TS1130 or TS1120 tape drives in a smaller automation footprint***
- ***Satisfies regulatory compliance requirements with support for non-erasable, non-rewritable cartridges***
- ***Provides information security with support for encryption***

The IBM System Storage™ TS3400 Tape Library offers the high capacity and performance advantage of the IBM System Storage TS1130 or TS1120 Tape Drives in a smaller automation footprint for IBM Power™ Systems, System x™, System z™¹ and other open systems environments. The TS3400 tape library is an external 5U standalone or rack-mountable unit supporting one or two TS1130 tape drives with a data transfer rate of up to 160 MBps per drive or one to two TS1120 tape drives with a data transfer rate of up to 104 MBps per drive.

The TS3400 tape library is an excellent tape storage solution for organizations already using IBM enterprise tape drives in their data centers who want to use the same technology in remote locations. The TS3400 is also designed

for organizations that have limited physical space in their IT environments. The TS3400 can be installed in a standard 19" rack, providing up to 54 TB of compressed tape storage in a 5U space.

The TS3400 tape library has two removable cartridge magazines, providing 18 data cartridge slots. Up to three slots can be used for I/O slots, and up to two slots can be used as cleaning cartridge slots. The TS3400 tape library provides a media capacity of up to 18 cartridges, allowing for up to 18 TB of storage (54 TB with 3:1 compression) when using 1 TB extended capacity cartridges.

Remote management via a Web browser allows you to communicate directly with the library and perform a wide range of end user, operator and administrator tasks without being at the operator panel. To take further advantage of your investment, you can partition the library into two logical partitions to share the library between different applications. To support continued processing, the TS3400 tape library is equipped with control path and data path failover.

Encryption Support

To help keep information confidential, in the event of loss or theft of backup tapes, the TS3400 tape library supports IBM tape drive-based encryption.

The TS1130 and TS1120 tape drives include data encryption capabilities within the drives themselves, helping to avoid the need for host-based encryption of data—and the concurrent drain on host performance and resources—or the additional expense of specialized encryption appliances.

The IBM Encryption Key Manager component for the Java™ platform can help generate and manage encryption keys for IBM tape drives across the enterprise.

IBM System Storage TS3400 Tape Library at a glance

Tape Drive	TS1130 or TS1120 tape drives	
Number of Drives	Up to 2, no intermix of TS1130 and TS1120	
Number of tape cartridges	Up to 18	
Number of Input/Output slots	Up to 3	
Number of Logical Libraries	Up to 2	
Capacity²	Up to 18 TB native capacity (54 TB with 3:1 compression)	
Data transfer rate	Up to 320 MBps	
Media type	IBM 3592 JA/JB/JJ and JW/JR/JX Write Once Read Many (WORM) cartridges	
Dimensions	17.5" (445 mm) x 8.71" (221.45 mm) x 35.23" (895 mm)	
Max. weight	67 lb. (30.39 kg) without drives, 92 lb. (41.73 kg) with 2 drives	
Warranty	1 year on site repair	
Operating Environment		
Temperature	16° to 32° C (61° to 90° F)	
Relative Humidity	20% to 80% (non-condensing)	
Wet bulb maximum	23.0° C (73.4° F)	
Electrical power	117.85W (including two drives)	
IBM	Platform	Operating System
	System i System p System x System z ¹ Power™ Systems	IBM i5/OS®, IBM i AIX® and Linux® See open systems support IBM z/OS®, IBM VSE and Linux AIX, IBM i, Linux
Open Systems	Hewlett-Packard Sun Microsystems Servers with Intel® or AMD processors	HP-UX Solaris Linux; Microsoft® Windows Server® 2003



For more information

Contact your IBM representative or IBM Business Partner or visit:

ibm.com/systems/storage/tape/ts3400/

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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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¹ System z support may require IBM System Storage TS1120 Tape Controller.

² Capacity depends on drives installed, number and type of cartridges used, and compression ratio achieved. Listed capacity is physical. Usable capacity may be less.

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