Next generation, high capacity, performance Linear Tape-Open Tape Drive designed for the midrange open systems environment

IBM

IBM System Storage TS2340 Tape Drive Express Model

Highlights

- *Designed to provide high-capacity and performance to address the most demanding backup and archiving requirements*

- *Double the cartridge capacity of previous generation LTO drives*

- *Available hardware encryption designed to offer highly secure data storage along with high performance*

- *Native data transfer rate of up to 120 MBps*

- *Choice of SCSI or SAS interfaces*

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Today, data is a key corporate asset in all types of businesses. The ability to access data quickly and reliably is critical to your success. Whether your business utilizes a high-performance network server or individual workstations, archiving and retrieving data in a dependable and consistent manner is mission critical.

The IBM System Storage™ TS2340 Tape Drive—the entry-level IBM System Storage tape product family offering—is the answer to growing storage requirements and shrinking backup windows. Incorporating the latest generation of advanced Linear Tape-Open™ (LTO) technology, the TS2340 Tape Drive is suited for handling the backup, save and restore, and archival data storage needs of a wide range of small systems. In addition, the TS2340 provides added security features by supporting encryption of data with 3 Gbps SAS connectivity.

The IBM System Storage TS2340 Tape Drive is an excellent tape storage solution for businesses requiring backup or low-cost, real-time archival storage of their data within a small window of time—it offers high-capacity and performance to help address the most demanding requirements. The TS2340 has a physical storage capacity of up to 1.6 TB (with 2:1 compression) in conjunction with the new IBM Ultrium 800 GB data cartridge, which provides up to double the capacity of previous Ultrium 3 technology. Along with its higher capacity, the data transfer performance of the TS2340 Tape Drive has increased over the previous generation for a native data transfer rate of up to 120 MBps. The TS2340 Tape Drive continues to provide an excellent alternative to slower and smaller capacity 1/4-inch, 4 mm and 8 mm DLT/SDLT tape drives

Advanced features

The IBM System Storage TS2340 Tape Drive features SCSI Ultra160 Low Voltage Differential (LVD) as well as 3 Gbps SAS interface for connection to a wide spectrum of open system servers. The TS2340 is designed to exceed your most demanding backup and restore needs. The IBM Ultrium 4 technology is designed to support encryption of data. The hardware encryption and decryption core and control core resides in the IBM Ultrium 4 tape drive (available to the TS2340 with the 3 Gbps SAS interface). A larger internal data buffer helps improve data access rates and reduce cartridge fill and rewind times along with dynamic channel calibration to help increase data throughput. In addition to reading and writing to LTO Ultrium 3 tape cartridges, the TS2340 can read LTO Ultrium 2 cartridges.

Software support

You can help increase the power of the IBM System Storage TS2340 Tape Drive by managing it with tape management solutions such as IBM Tivoli® Storage Manager or other third-party storage software.

Media

You can order data and cleaning cartridges for the IBM TS2340 Tape Drive at the time of purchase or from IBM Media, IBM Supplies Distribution and authorized dealers. Call 1 888 IBM-Media (1 888 426-6334) toll-free in the United States and Canada.

IBM System Storage TS2340 Tape Drive Express Model at a glance

Available Configurations	Model L43 – One IBM Ultrium 4 Tape Drive, LVD Ultra160 SCSI attach
	Model S43 – One IBM Ultrium 4 Tape Drive, 3 Gbps SAS attach

Common features

Tape Drive Type	IBM LTO Ultrium 4
Physical Capacity[1]	Up to 1.6 TB per cartridge with 2:1 compression; 800 GB native
Number of Tape Drives	1
Number of tape cartridges	1
Data transfer rate	Up to 120 MB/sec native
Media Type	IBM LTO Ultrium 4
	IBM TotalStorage® LTO Ultrium 800 GB Data Cartridge
	IBM TotalStorage LTO Cleaning Cartridge
	Call 1-888-IBM-Media
Warranty	Three year, Customer Replaceable Unit (CRU), in most countries
Weight	14.2 lb. (6.45kg)
Power requirements	1.0–0.5 A at 100–240 V AC, 50/60 Hz
Dimensions	4.75"H x 9.85"W x 11.50"D (12.0 cm x 25.0 cm x 29.2 cm)

Operating environment

Temperature:	10° to 38° C (50° to 100° F)
Relative humidity:	20% to 80% (non-condensing)
Electrical power:	1.0–0.5 amps at 100–240 V AC
Operating systems support:	Native device driver support is available for IBM AIX® 5L V5.1, V5.2, or V5.3, OS/400® V5R3 and i5/OS® V5R3 or later; Microsoft® Windows® 2003 (build 3790 or later) and Windows Server® 2003 (build 3790 or greater); Sun Solaris 8, 9, 10; 64-bit HP-UX 11iv1 and 11iv2; and Red Hat Enterprise Linux® version 3; SUSE Linux Enterprise Server 9 (SLES 9), SUSE Linux Enterprise Server 10 (SLES 10), Asianux 2.0

For more information

Contact your IBM representative or
IBM Business Partner or visit:

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