

Tandberg StorageLibrary™ T40

Enabling Enterprise Rich, Attractively Priced, Libraries-for-All

Tandberg StorageLibrary T40

Overview

The Tandberg StorageLibrary T40 is the most competitively positioned midrange tape library in the market, combining high capacity (up to 32TB*) and performance into a small 4U rack optimized solution, supporting both SCSI and FC connectivity.

Flexible Management backed by Enterprise Management Features

The StorageLibrary T40 was created with flexibility in mind;- flexibility over media with easy cartridge management; flexibility over operations via in-built partitioning that enables it to work as one to four separate autoloaders; plus flexibility to

combine Half Height and Full Height drives according to requirements. Capacity on Demand increases the versatility of this library still further, allowing users to easily increase usable capacity as their data grows.

When it comes to enterprise management, the StorageLibrary T40 has a user-friendly interface for system setup, control and monitoring. It comes with an integrated barcode reader, remote management features, Export/Import slot, Customer Replaceable Units, drive hot swapping; notification via SNMP support/tape alert/email notification; audible alarm and real time clock functions as standard.

The Market:

The tape automation market continues to grow in response to exponential data growth and dramatic advances in storage consolidation. LTO technology has emerged as the dominating technology used in mid-range tape automation autoloaders and libraries and is set to

grow 8.6% year on year*. Undoubtedly the era of the expensive library is coming to an end with the Tandberg StorageLibrary heralding an affordable, realistic alternative.

*GartnerGroup 2005

Five reasons to select the Tandberg StorageLibrary T40

Budget Constraints?

With a base configuration price comparable to some autoloaders, Tandberg StorageLibrary T40 offers users the lowest entry into truly enterprise storage.

Shrinking backup windows?

The StorageLibrary T40 offers Enterprise performance including a 2GB fibre connectivity solution with multiple enterprise tools included as standard.

Exponentially growing data?

The StorageLibrary T40 offers one of the most dense libraries in the industry, by combining up to 40 tapes in only 4U of rack space.

Limited Resources?

The StorageLibrary T40 has the capability to handle over a month's unattended operation, so you save on valuable staff time and salary.

Future Needs Uncertain?

The StorageLibrary T40 was developed with versatility in mind, allowing a flexible upgrade path. Whether you are changing to next generation drive types or integrating into a SAN, the StorageLibrary T40 has all of the features to upgrade with your existing and future infrastructure.

STORAGE LIBRARY™ T40



Product Highlights

- 24/40 slot library suited for environments that need unattended workgroup backup and restore with capacities from 19.2TB to 32TB*
- 1,152* GB/h Transfer rate (LTO-3)
- One or two LTO3Full Height drives or one to four LTO2Half Height drives
- Capacity on Demand (COD) function allows users to increase usable capacity easily as data grows
- Partitioning
- Highest performance LTO technology available, user friendly and upgrade options for advanced management and intelligent storage networking support.
- SCSI or Fibre Channel connectivity
- 1 year 'Fast Exchange' warranty and 3 year return to base warranty.

2:1 compression

Drive Technology:	420LTO (LTO2-HH) or 840 (LTO3-FH)
Number of drives:	1-2 Full height/1-4 half height
Number of slots:	24 or 40
Capacity (uncompressed):	16TB (40 Slots LTO3) / 8TB (40 Slots, LTO2)
Capacity (compressed):	32TB (40 Slots LTO3) / 16TB (40 Slots, LTO2)
Interface:	Ultra 160 SCSI/LVD/Native FC
Cartridge loading:	Magazine and Mail Slot
Mail slot (I/O) port:	Yes
Web administration:	Yes
Magazine:	2 (12 slots) plus an optional 2 (8 slots)
Rackmount option:	Yes
Barcode reader:	Yes
Additional interface:	100base T Ethernet
Customer changeable drives, power supply and fans:	Yes

Performance and Compatibility

Buffer size:	64MB (420LTO), 128MB (840LTO)
Transfer rate: (uncompressed):	24MB/s (420LTO), 80MB/s (840LTO)
Transfer rate: (compressed):	48MB/s (420LTO), 160MB/s (840LTO)
File access time:	76 seconds
Recording format:	LTO2/LTO3
Encoding/Decoding:	PRML
Digital Speed Matching (DSM):	Yes
Number of tracks:	512 (420LTO) / 704 (840LTO)
Forward write:	LTO2, LTO1 (420LTO) – LTO2-HH LTO3, LTO2 (840LTO) – LTO3-FH
Backward read:	LTO2, LTO1 (420LTO) – LTO2-HH LTO3, LTO2, LTO1 (840LTO) – LTO3-FH

Dimensions

Temperature (non-operational):	-35 - +60 ° C
Temperature (operating):	10 - 35 ° C
Relative humidity, operating (non-condensing):	20 - 80%
Relative humidity, non-operational (non-condensing):	10 - 90%
Format:	4U
Height:	17.75 cm
Width:	44.66 cm
Depth:	73.66 cm
Weight:	37,7 kg (with two drives)
Power specification:	100-240 VAC
Certification marks:	CE, UL, C-UL, GS/TÜV, VCCI,C-tick

Reliability

Media Durability (archival life):	30 years
Hard Error Rate (less than):	10 ⁻ - 17
MTBF:	250,000 hours

 **STORAGE LIBRARY™ T40**

Tandberg Data ASA	Tandberg Data Corp.	Tandberg Data (Asia)	Tandberg Data GmbH	Tandberg Data S.A.	Tandberg Data Inc.	Tandberg Data Ltd. UK
Kjelsåsveien 161 0411 Oslo Norway	13000 Gregg Street Poway CA 92064 USA	Pte. Ltd 20 Bendemeer Road #04-05 Cyberhub Singapore 339914	Feldstr. 81 44141 Dortmund Germany	16-18, avenue Morane Saulnier - Bât.A 78941 Vélizy Cedex France	Eitaibashi Eco-Piazza Bldg. 8th floor 29-13, Shinkawa 1-chome, Chuo-ku Tokyo 104-033 Japan	Bloxham Mill Business Park Barford Road Bloxham Banbury Oxfordshire OX15 4FF
Tel: +47 (0)2218 9090 Fax: +47 (0)2218 9550	Tel: +1 858-726-1800 Fax: +1 858-726-1801	Tel: +6563960786 Fax: +6563960787	Tel: +49 (0) 231 5436-0 Fax: +49 (0) 231 5436-111	Tel: +33 (0)139260101 Fax: +33 (0)134650289	Tel: +81355662871 Fax: +81355662875	Tel: +44 (0)8450 706916 Fax: +44 (0)1295 722801