

Tandberg StorageLibrary T40+ and T80+

A professional scalable tape backup solution

The Tandberg StorageLibrary T40+ and T80+ tape libraries are professional backup and data protection solutions, providing maximum performance and scalable capacities up to 123.2TB*.

The Tandberg StorageLibrary T40+ and T80+ incorporate the new Pass-Thru feature, allowing you to add additional drives and storage capacity as and when you need it. The Pass-Thru feature will allow up to five T40+ units to be stacked together in a 19" rack configuration.

The T40+ base unit is available with either 24 or 40 slots and the Capacity on Demand (COD) feature allows you to electronically upgrade the number of slots from 24 to 40. The number of slots can be increased from 40 to 77 by adding one additional T40+ in Pass-Thru mode. The base unit can be installed fully with up to 4 half height LTO drives or 2 full height LTO drives and full supports LVD SCSI, Native Fibre Channel and SAS connectivity.

The T40+ and T80+ are designed to improve efficiency and minimize IT downtime. The Performance on Demand (POD) feature allows you add additional drives or upgrade to the next LTO generation, increasing your library's performance and capacity. The Web browser-based remote management interface allows you to monitor, control, configure and diagnose problems from anywhere in the world. The T40+ and T80+ support SNMP, which will immediately send an e-mail on any error.

The T40+ is supplied with two power supplies to provide redundancy for mission critical operations and to avoid power interruption to the library. Both power supplies share the load under normal operating conditions. However, if one of the power supplies fails, the other will assume the full load.

The T40+ and T80+ tape libraries provide outstanding value for IT managers that need to perform large, unattended backups, and who require flexibility, reliability and a future proof solution.



Key Benefits

- === **Capacity on Demand**
Start with 24 slots, expand to 77 slots, increasing capacity from 19.2TB to 123.2TB*
- === **Performance on Demand**
Add drives or upgrade to the next generation LTO technology to increase performance and meet demanding backup windows
- === **Ease of Management**
Browser-based remote management interface allows users to remotely monitor, control, configure and diagnose via the Internet
- === **Minimize Downtime**
The Redundant Power Supply (RPS) feature detects power fluctuations and fan failures.
- === **WORM and Encryption**
WORM (write once read many) and Encryption (LTO-4 only) for enhanced data protection and regulatory compliance

* Assumes a 2:1 compression ratio



The Tandberg StorageLibrary T40* combines high capacity and performance in a scalable 4U form factor.

TANDBERG DATA
Securing your Information

Specifications

	StorageLibrary T40* (24 slots)	StorageLibrary T40* (40 slots)	StorageLibrary T80*
Drive Technology	LTO-3 / LTO-4	LTO-3 / LTO-4	LTO-3 / LTO-4
Number of Drives (Half height)	1-4	1-4	1-8
Number of Drives (Full height)	1-2	1-2	1-4
Number of Cartridges	24	40	77
Capacity (native/compr.)	LTO-3 FH	9.6TB / 19.2TB	30.8TB / 61.6TB
	LTO-4 FH	19.2TB / 38.4TB	61.6TB / 123.2TB
	LTO-4 HH	19.2TB / 38.4TB	61.6TB / 123.2TB
Max Performance (native/compr.)	LTO-3 FH	0.58TB/hr / 1.2TB/hr	1.2TB/hr / 2.3TB/hr
	LTO-4 FH	0.86TB/hr / 1.7TB/hr	1.7TB/hr / 3.5TB/hr
	LTO-4 HH	1.7TB/hr / 3.5TB/hr	3.5TB/hr / 6.9TB/hr
Interface	SCSI LVD / Native FC / SAS	SCSI LVD / Native FC / SAS	SCSI LVD / Native FC / SAS
Remote Management (Web)	Standard	Standard	Standard
Barcode Scanner	Standard	Standard	Standard
Cartridge Loading	4 Magazines	4 Magazines	8 Magazines
Temperature (Operating)	10C to 40C (50F to 104F)	10C to 40C (50F to 104F)	10C to 40C (50F to 104F)
Temperature (Non-operating)	-30C to 60C (-22F to 140F)	-30C to 60C (-22F to 140F)	-30C to 60C (-22F to 140F)
Relative Humidity (Operating)	20 to 80% (Non-condensing)	20 to 80% (Non-condensing)	20 to 80% (Non-condensing)
Relative Humidity (Non-operating)	10 to 90% (Non-condensing)	10 to 90% (Non-condensing)	10 to 90% (Non-condensing)
Rackmount-option	Standard	Standard	Standard
Desktop-option	Optional	Optional	No
Redundant Power Supply	Standard	Standard	Standard
Partitioning	Standard	Standard	Standard
Warranty Reliability	MTBF - 250 000 hours	MTBF - 250 000 hours	MTBF - 250 000 hours
Hard Error Rate	< 10 ⁽¹⁷⁾	< 10 ⁽¹⁷⁾	< 10 ⁽¹⁷⁾
Media Durability (archival life)	30 yrs	30 yrs	30 yrs
Software Compatibility	The StorageLibrary T40* is compatible with all major backup applications and operating systems		
Agency Certification	CE, FCC, TUV/GS, ICES VCCI, BSMI, CISPR 22, C-tick, UL, C-UL, CB, GOST and EN 55022 Class A		

* Assumes a 2:1 compression ratio

Form Factor	4U	4U	8U
Height	17.75cm	17.75cm	35.5cm
Width	44.66cm	44.66cm	44.66cm
Depth	73.6cm	73.66cm	73.66cm
Weight	37.7kg	37.7kg	75.4kg

About Tandberg Data

Tandberg Data is a leading global supplier of backup and archiving technologies. Tandberg Data offers a complete range of tape libraries, tape autoloaders and tape drives (based on the LTO™, SLR™, VXA® tape technology platforms), storage software, data media and disk-based storage such as the RDX™ QuikStor. These solutions are marketed exclusively through a channel of qualified resellers and distributors. These solutions are underpinned by OEM agreements with major server manufacturers including IBM, Hitachi, Fujitsu, Fujitsu-Siemens, Apple and Dell and supported by all major operating systems and storage software applications to operate in heterogeneous network environments. All solutions are designed to meet the growing storage requirements of small and medium-sized organisations with scalability, reliability and backward compatibility features that ensure cost effective operation and long-term investment protection.

Tandberg Data ASA
Økernveien 94
N-0579 Oslo
Norway
Tel: +47 (0) 2218 9090
Fax: +47 (0) 2218 9550

Tandberg Data GmbH
Feldstrasse 81
44141 Dortmund
Germany
Tel: +49 (0) 231 5436 - 0
Fax: +49 (0) 231 5436 - 111

Tandberg Data Limited
Bloxham Mill Business Centre
Barford Road, Bloxham
Banbury, England, OX15 4FF
Tel: +44 (0) 845 070 6916
Fax: +44 (0) 1295 722 109

Tandberg Data S.A.S.
16-18, avenue Morane Saulnier
78941 Vélizy Cedex
France
Tel: +33 (0)1 39 26 01 01
Fax: +33 (0)1 34 65 02 89

Tandberg Data Corporation
2108 55th Street
Boulder, CO 80301
USA
Tel: 303.442.4333
Fax: 303.417.7170

Tandberg Data (Asia) Pte Ltd
20 Bendemeer Road
#04-05 Cyberhub
Singapore 339914
Tel: +65 (0) 6396 0786
Fax: +65 (0) 6396 0787

In addition to the offices above TANDBERG DATA ASA has branch offices in the United Kingdom, France, Italy, India, China (PRC), Thailand and Brazil. TANDBERG DATA ASA is a publicly held company based in Oslo, Norway and is traded on the Oslo Stock Exchange (ticker=TAD). Specifications subject to change without notice. RDX QuikStor, BAKStor, and SLR are trademarks of Tandberg Data ASA. RDX is a registered trademark of ProStor Systems. LTO is a trademark of HP, IBM and Quantum. All other trademarks are the property of their respective owners. ©2007 TANDBERG DATA. All rights reserved.

DS-T40_EMEA_2007