

# StorageLibrary™

## T40+, T80+, T120+ and T160+

*Professional, Scalable Tape Backup*

**The Tandberg Data StorageLibrary™ T40+, T80+, T120+ and T160+ tape libraries are professional backup and data protection solutions, providing maximum performance and scalable capacities up to 453TB\*.**

The Tandberg Data StorageLibrary T40+ Series incorporates 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 three 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 further to 77, 114 or 151 slots by stacking additional T40+ units in Pass-Thru mode. Each T40+ unit can be installed with up to 4 half height LTO drives or up to 2 full height LTO drives and supports LVD SCSI, Native Fibre Channel or SAS connectivity.

The T40+ Series is designed to improve efficiency and minimize IT downtime. The Performance on Demand (POD) feature allows you to add 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+ Series supports system monitoring via SNMP. It also supports SMTP, and 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 take the full load.

The Tandberg Data StorageLibrary family provides outstanding value for IT managers who need to perform large, unattended backups, and who require flexibility, reliability and a future-proof solution.



**STORAGE AWARDS**  
 THE STORIES VIII

2011 Finalist

Tape-based Product of the Year  
 Storageawards.com

### Key Benefits

#### Capacity on Demand

Start with 24 slots, expand to 151 slots, increasing capacity up to 453TB\*

#### 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) detects power failures and assures system availability

#### WORM and Encryption

WORM (write once read many) and Encryption for enhanced data protection and regulatory compliance

\* Assumes a 2:1 compression ratio



The Tandberg Data StorageLibrary T40<sup>+</sup> combines high capacity and performance in a scalable 4U form factor.

## Specifications

	StorageLibrary T40 <sup>+</sup>	StorageLibrary T80 <sup>+</sup>	StorageLibrary T120 <sup>+</sup>	StorageLibrary T160 <sup>+</sup>
Slots	24 or 40 slots	77 slots	114 slots	151 slots
Drive Technology	LTO-4 / LTO-5	LTO-4 / LTO-5	LTO-4 / LTO-5	LTO-4 / LTO-5
Number of Drives (Half height)	1-4	1-8	1-12	1-16
Number of Drives (Full height)	1-2	1-4	1-6	1-8
LTO-4 Capacity	19.2TB / 38.4TB (24 slots) 32TB / 64TB (40 slots)	61.6TB / 123.2TB	91.2TB / 182.4TB	120.8TB / 241.6TB
LTO-5 Capacity	36TB / 72TB (24 slots) 60TB / 120TB (40 slots)	115.5TB / 231TB	171TB / 342TB	226.5TB / 453TB
LTO-4 HH Performance/drive (SCSI, SAS, FC)	80 MB/s / 160 MB/s	80 MB/s / 160 MB/s	80 MB/s / 160 MB/s	80 MB/s / 160 MB/s
LTO-5 HH Performance/drive (FC, SAS)	140 MB/s / 280 MB/s	140 MB/s / 280 MB/s	140 MB/s / 280 MB/s	140 MB/s / 280 MB/s
LTO-5 FH Performance/drive (FC)	140 MB/s / 280 MB/s	140 MB/s / 280 MB/s	140 MB/s / 280 MB/s	140 MB/s / 280 MB/s
Interface	SCSI, FC & SAS	SCSI, FC & SAS	SCSI, FC & SAS	SCSI, FC & SAS
Remote Management (Web)	Standard	Standard	Standard	Standard
Barcode Scanner	Standard	Standard	Standard	Standard
Number of Removable Magazines	4	8	12	16
Temperature (Operating)	10C to 40C (50F to 104F)	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)	-30C to 60C (-22F to 140F)
Relative Humidity, Non-Condensing (Operating / Non-operating)	20 to 80% / 10 to 90%	20 to 80% / 10 to 90%	20 to 80% / 10 to 90%	20 to 80% / 10 to 90%
Rackmount Option	Standard	Standard	Standard	Standard
Redundant Power Supply	Standard	Standard	Standard	Standard
Power Consumption	100-240VAC, 50-60Hz, 70W avg.	100-240VAC, 50-60Hz, 130W avg.	100-240VAC, 50-60Hz, 190W avg.	100-240VAC, 50-60Hz, 250W avg.
MTBF	250 000 hours	250 000 hours	250 000 hours	250 000 hours
Software Compatibility	The StorageLibrary T40 <sup>+</sup> is compatible with all major backup applications and operating systems			
Agency Certification	CE, FCC, TUV/GS, ICES VCCI, BSMI, CISPR 22, C-tick, C-UL, CB, GOST and EN 55022 Class A			

\* Native / Compressed. Assumes a 2:1 compression ratio.

Form Factor	4U	8U	12U	16U
Height	17.75cm (7in.)	35.5cm (14in.)	53.25cm (21in.)	71.0cm (28in.)
Width	44.66cm (17.6in.)	44.66cm (17.6in.)	44.66cm (17.6in.)	44.66cm (17.6in.)
Depth	73.6cm (29in.)	73.66cm (29in.)	73.66cm (29in.)	73.66cm (29in.)
Weight	37.7Kg (82.9 lbs)	75.4Kg (165.9 lbs)	113.1Kg (248.8 lbs)	150.8Kg (331.7 lbs)

### About Tandberg Data

Tandberg Data is a leading global supplier of data protection solutions for small and medium-sized businesses. The company's wide range of cost-effective storage products and services provides customers with best-in-class tape, disk, removable disk and software solutions for backup, archiving and disaster recovery. These solutions are marketed through a global channel of qualified resellers, distributors and major server OEMs. An extensive service and support network supports all Tandberg Data products worldwide.

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