

# 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 with up to 4 half height LTO drives or 2 full height LTO drives and 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 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+ and T80+ support 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 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) detects power failures and assures system availability.

### 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.

**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	Ultra SCSI LVD / Native FC / SAS	Ultra SCSI LVD / Native FC / SAS	Ultra SCSI LVD / Native FC / SAS
Remote Management (Web)	Standard	Standard	Standard
Barcode Scanner	Standard	Standard	Standard
Number of Removable Magazines	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
Redundant Power Supply	Standard	Standard	Standard
Power Consumption	100-240VAC, 50-60Hz, 70 W average	100-240VAC, 50-60Hz, 70 W average	100-240VAC, 50-60Hz, 70 W average
MTBF	250 000 hours	250 000 hours	250 000 hours
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	17.75 cm/7"	17.75cm/7"	35.5cm/14"
Width	44.66cm/17.6"	44.66cm/17.6"	44.66cm/17.6"
Depth	73.6cm/29"	73.6cm/29"	73.6cm/29"
Weight	37.7kg/82.9lbs	37.7kg/82.9lbs	75.4kg/165.9lbs

**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.

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