TANDBERG DATA
Securing your Information

Tandberg StorageLibrary™ T40+ ,T80+ and T120+

Professional, Scalable Tape Backup

The Tandberg StorageLibrary™ T40+ and T80+ and T120+ tape libraries are professional backup and data protection solutions, providing maximum performance and scalable capacities up to 182.4TB*.

The Tandberg 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 from 40 to 77 by adding one additional T40+ in Pass-Thru mode. By adding a third T40+, the number of slots will increase to 114. Each 4U 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 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 T40+, T80+ and 120+ 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 114 slots, increasing capacity from 19.2TB to 182.4TB*

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.

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Specifications

		StorageLibrary T40⁺	StorageLibrary T80⁺	StorageLibrary T120⁺
Slots		24 or 40 slots	77 slots	114 slots
Drive Technology		LTO-3 / LTO-4	LTO-3 / LTO-4	LTO-3/LTO-4
Number of Drives (Half height)		1–4	1–8	1-12
Number of Drives (Full height)		1–2	1–4	1-6
Number of Cartridges		24 or 40	77	114
Capacity (native/compr.)	LTO-3	9.6TB / 19.2TB (24 slots) 16TB / 32TB (40 slots)	30.8TB / 61.6TB	45.6/91.2
	LTO-4	19.2TB / 38.4TB (24 slots) 32TB / 64TB (40 slots)	61.6TB / 123.2TB	91.2/182.4
Max Performance (native/compr.)	LTO-3 FH	0.58TB/hr / 1.2TB/hr (24 or 40 slots)	1.2TB/hr / 2.3TB/hr	1.7TB/hr / 3.5 TB/hr
	LTO-4 FH	0.86TB/hr / 1.7TB/hr (24 or 40 slots)	1.7TB/hr / 3.5TB/hr	2.6TB/hr / 5.2TB/hr
	LTO-4 HH	1.7TB/hr / 3.5TB/hr (24 or 40 slots)	3.5TB/hr / 6.9TB/hr	5.2TB/hr / 10.4TB/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	8	12
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) Non-Condensing		20 to 80%	20 to 80%	20 to 80%
Relative Humidity (Non-operating) Non-Condensing		10 to 90%	10 to 90%	10 to 90%
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	8U	12U
Height	17.75cm/7"	35.5cm /14"	53.25cm/21"
Width	44.66cm /17.6"	44.66cm /17.6"	44.66cm/17.6"
Depth	73.6cm /29"	73.66cm /29"	73.66cm/29"
Weight	37.7kg /82.9lbs	75.4kg /165.9lbs	113.1kg/248.8lbs

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.

salesemea@tandbergdata.com   00 800 8263 2374 (00 800 TANDBERG)   **www.tandbergdata.com**