

Smarter storage

for smarter businesses.



Securing Your Data

Tandberg Data is a leading global supplier and manufacturer of backup and archiving solutions, based on the RDX®, SLR™, VXA™ and LTO™ technology platforms. The company offers secondary storage products based on tape drives, autoloaders, libraries, media, disk-based solutions, software and hardware components for mainstream configurations.

In November 2006, Tandberg Data acquired Exabyte Corporation. With the acquisition, Tandberg Data has doubled its size and stepped up among the major technology companies listed on the Oslo Stock Exchange. The combined product portfolios of the two companies provides customers with the full range of state-of-the-art, cost effective products and technologies to meet their needs. Tandberg products are supported by all major operating systems and software applications to successfully operate in heterogeneous network information storage environments. All solutions are designed to meet the growing storage requirements of small and medium sized organizations with scalability, reliability and backward compatibility features that ensure cost effective operation and long-term investment protection.

From entry level to SME

Rapidly growing capacity requirements and the increasing importance of electronic information have led the world-wide enterprise, Tandberg Data, from tape-oriented to storage-oriented thinking. Storage solutions coming from Tandberg Data are tailored to different needs. SLR systems assume data protection solutions in the entry level range. Scalable automation products and drives on LTO and VXA platforms have been developed for mid-range and high-end environments.

All systems are equipped with intelligent management software providing information about quality of the data and the time it was stored. Tandberg Data's disk storage solutions, like the recently introduced RDX QuikStor, warrant highest data availability and reliability. Tandberg Data Media complete the product range.

In addition to corporate offices and manufacturing facilities in Oslo, Norway, Tandberg Data has subsidiaries in USA, France, Germany, Singapore and Japan, as well as affiliate offices in India and China (PRC).

contents

02	REMOVABLE DISK
04	STAND ALONE DRIVES
10	AUTOLOADERS
16	TAPE LIBRARIES
20	MEDIA
22	SERVICE

Removable Disk

RDX® QuikStor™

WHERE SMARTER STORAGE BEGINS

The exploding growth of mission-critical digital content combined with government regulated retention policies has created a need for secure, reliable and robust, portable data protection solution at an affordable cost.

Tandberg Data's RDX QuikStor is a cartridge-based removable disk storage system that offers a rugged, reliable and convenient storage solution for backup, archive, data interchange and disaster recovery. It combines the best features of tape (convenience, portability, archive life, low cost) with the benefits of hard disk (high performance, random access, high reliability) and meets the performance requirements of users from professional to entry-level enterprise.

The RDX QuikStor features high performance with up to 162GB/hr transfer rate and is available in 40GB, 80GB, 120, 160 or 300GB capacities. RDX media is randomly accessed so stored files can be immediately retrieved without time-consuming sequential seeks. Single files and selected volumes can be restored in seconds instead of hours.



RDX QUIKSTOR DRIVES SPECIFICATION		
MODEL	INTERNAL	EXTERNAL
Capacity - GB*	40, 80, 120, 160, 300	40, 80, 120, 160, 300
Transfer Rate - MB/s	25-45	25-30
Interface	S-ATA	USB 2.0
Media Usage - GB	40, 80, 120, 160, 300	40, 80, 120, 160, 300

RDX QUIKSTOR MEDIA SPECIFICATIONS			
MODEL	PART NO.	MAXIMUM CAPACITY - GB	DATA TRANSFER RATE - MB/s (USB/S-ATA)
RDX 40GB	0043 8413	40	25 / 35
RDX 80GB	0043 8414	80	25 / 35
RDX 120GB	0043 8415	120	25 / 35
RDX 160GB	00 8458	160	25 / 45
RDX 300GB	8471-RDX	300	25 / 45

RDX® Advantages

EASE OF USE

Easily drag and drop data files across. Simple cartridge load allowing easy and complete backup. The drives are plug and play versions with an internal (mounted into a server bay) and external (tabletop) models.

CONVENIENT AND SECURE

The RDX can be used as a removable media device to backup your server, providing the convenience of tape with the ability to take off-site copies for archiving and peace of mind.

COST EFFECTIVE AND FUTURE PROOF

The initial setup cost is minimal compared to other entry level tape based solution. Drive and cartridges are more durable, resulting in lower TCO. A truly cost effective solution that is suitable for SOHO users to departmental users.

FASTER BACKUP AND ACCESS

High-performance disk-based speed and access, backing up to 162GB/hr and near-instant file retrieval.

RUGGED AND TOUGH

The cartridges last over 10 years and are designed in a way that makes it more rugged and shockproof. The cartridge is also ESD proof to ensure that the device is protected from static electricity.

Common RDX Applications

AS A REMOVABLE-PORTABLE HDD FOR DATA X-CHANGE

- 'Drag & Drop' files and folders between disks.
- Share data between computers.
- User define files to backup e.g. documents, photos, mp3 etc.
- Native File-System operation support: NTFS, FAT32, ext2/ext3, HFS+

VIEWED AS A REMOVABLE DRIVE E.G. D:\>

- Copy files to the D:\> drive.
- Data stored on the RDX cartridge can be accessed using any other RDX drive attached to other workstations.

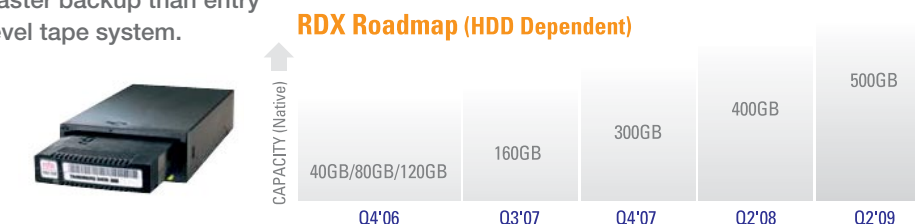
AS A BACKUP DISK-DEVICE

- Native support for Microsoft® Backup.
- 3rd party backup software support e.g. Symantec, CA, EMC etc.
- Multiple RDX media can be used for daily or weekly backup.
- Same cartridge form-factor for ease of management, e.g. Using Microsoft Native Backup
- Backup to RDX removable disk folder.
- Faster backup than entry level tape system.



RDX TAPE DRIVES SPECIFICATIONS

DESCRIPTION	PART NO.	
Standalone Drive	S-ATA	6010 8417 00
	USB	6020 8426 00
RDX Drive with 1x120GB Media	S-ATA	6010 8412 00
	USB	6020 8429 00
RDX Drive with 1x160GB Media	S-ATA	8459
	USB	8461
RDX Drive with 1x300GB Media	S-ATA	8472-RDX
	USB	8497-RDX



Stand Alone Tape Drives

LTO™ Tape Drives

A COST-EFFECTIVE SOLUTION THAT MEETS ALL YOUR BACKUP AND ARCHIVING REQUIREMENTS

Tandberg Data LTO™ Tape Drives offer a range of Full Height and Half Height drives that is suited for customers looking for a tape storage device that can meet any of their business requirements: cost effective, reliable, scalable and at the same time providing maximum backward compatibility.

BENEFITS OF LTO TECHNOLOGY

- Scalable performance characteristics to accommodate a wide range of system platforms—from a single server to the enterprise network—thus enabling future system growth.
- Six generation roadmap makes it a clear choice for users seeking to standardize on a tape technology, hence protecting their investment today and in the future.
- Easily integrates into current operating environments.
- Compliance testing ensures that LTO Ultrium drives and media cartridges conform to the specification to deliver data interchange among multiple vendors' products.

Tandberg LTO drives ship with Symantec's Backup Exec QuickStart software, embedded media management for intelligent diagnostics and tape alerts, and comes with 3 years warranty and support.

The Tandberg LTO drives are compatible with industry standard, multi-sourced LTO media. To achieve the best reliability, Tandberg LTO branded and qualified data cartridges are recommended.



LTO-3 (Half-High)

Why choose Tandberg Data LTO™ Products?

Tandberg Data LTO products are stringently tested to conform to all LTO technology standards.

Tandberg Data offers a complete array of LTO solutions comprising of tape drives, autoloaders, small and midrange libraries to cater to all business sizes.

Tandberg Data LTO solutions are designed to grow with users' needs across all platforms and operating systems, protecting their IT investments.



LTO-4 (Full-Height)

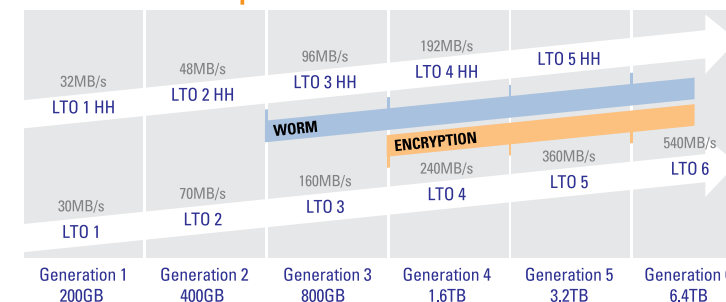
DESCRIPTION	DRIVE TYPE	PART NO.
LTO-1 HH Drive	Bare	8301 3120 00
	Internal	8301 3101 00
	External	8302 3102 00
LTO-2 HH Drive	Bare	8801 1004 00
	Internal	8801 3002 00
	External	8802 3003 00
LTO-3 FH Drive	Bare	8701 7030 00
	Internal	8701 7031 00
	External SCSI	8702 7034 00
LTO-3 HH Drive	Bare	3220
	Internal	3253
	External	3254
LTO-4 FH Drive	Bare	7200
	Internal	7201
	External SCSI	7202

For more drive configurations, please visit www.tandbergdata.com
* HH—Half-High, FH—Full Height

MEDIA COMPATIBILITY CHART

TAPE FORMAT	LTO-1HH	LTO-2HH	LTO-3HH	LTO-3FH	LTO-4FH
LTO-1 Ultrium	R/W	R/W	R	R	
LTO-2 Ultrium		R/W	R/W	R/W	R
LTO-3 Ultrium			R/W	R/W	R/W
LTO-4 Ultrium					R/W

LTO Ultrium Roadmap



LTO TAPE DRIVES SPECIFICATIONS

MODEL	LTO-1 HH	LTO-2 HH	LTO-3 HH	LTO-3 FH	LTO-4 FH
Capacity - GB*	200	400	800	800	1600
Transfer Rate - MB/s*	32	48	120	160	240
Interface	Ultra 160 SCSI	Ultra 160 SCSI	Ultra 160 SCSI	Ultra 160 SCSI/FC	Ultra 160 SCSI/FC
Media	LTO-1	LTO-2	LTO-3	LTO-3	LTO-4

* Based on a 2:1 Data Compression Rate

VXA™ Tape Drives

TECHNOLOGY THAT YOU CAN RELY ON

Tandberg Data VXA™ Tape Drives use an award-winning technology that enables VXA drives to read and write data on tape using digital packets, just like the internet. The VXA technology provides far superior restore integrity, exceptional transfer speeds and scalable capacity.

The drives deliver transfer speeds ranging from 12MB/s to 24MB/s*, and allowing network administrators to backup up to 320*GB of data. With PerfectWrite™ and 4 Reed-Solomon Error Correction, VXA products are the only tape devices that are up to 180x more likely to restore your data—even from damaged tape.

Tandberg VXA drives ship with Symantec's Backup Exec QuickStart software and come with 3 years warranty and support.

Tandberg Data's VXAtape™ cartridges are the perfect complement to VXA technology. They provide the necessary features needed for Tandberg VXA tape drives, autoloaders, and libraries. Imation Corporation is the exclusive worldwide distributor of VXA tapes.



VXA™ Advantages



HIGHLY DURABLE

Over three successive generations, VXA products have been disaster tested by Exabyte and independent labs under the most severe conditions—including violent vibration, immersion in volcanic dust, boiling water and hot coffee, and even freezing cartridges in ice—to assure reliable and complete data restores.

BETTER SCALABILITY

VXA Packet drives and tapes offer scalable capacity—three media length choices provide just the right capacity for today's backup needs and the flexibility to scale for future data growth.

GUARANTEED COMPATIBILITY

Compatible with all VXA drives: IBM, Fujitsu-Siemens, Apple, Acer.

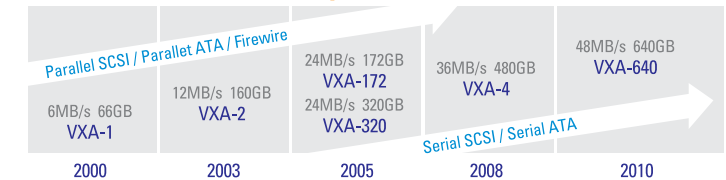
DESCRIPTION	PART NO.	
VXA-172 Drive	Internal	400770
	External	500770
VXA-320 Drive	Internal	400670
	External	0502671

For more configurations please visit www.tandbergdata.com

MEDIA COMPATIBILITY CHART

PRODUCT	VXA-2	VXA-172	VXA-320
X23 (230m) Data Cartridge - GB	80 / 160	(Not used w/ VXA-172)	160 / 320
X10 (124m) Data Cartridge - GB	43 / 86	86 / 172	86 / 172
X6 (62m) Data Cartridge - GB	20 / 40	40 / 80	40 / 80

VXA Packet Drive Roadmap



Assuming 2:1 Data Compression Rate

VXA TAPE DRIVES SPECIFICATIONS

MODEL	VXA-2	VXA-172	VXA-320
Capacity - GB*	160	172	320
Transfer Rate - MB/s*	12	24	24
Interface	SCSI Ultra2 LVD / Firewire / IDE	LVD SCSI	LVD SCSI / Firewire / USB
Media Usage	X23, X10, X6	X10, X6	X23, X10, X6

* Based on a 2:1 Data Compression Rate

SLR™ Tape Drives

ENTRY LEVEL BACKUP DEVICE THAT YOU CAN TRUST

With the industries highest reliability rating of an average field return rate of less than 1.5%, Tandberg Data SLR™ (Scalable Linear Recording) is a proven technology with over 3 million drives shipped to the market. The wide range of backwards compatibility of media supported also means that customers' investments are protected.

Tandberg Data SLR Tape Drives are compatible with all major software platforms, and ideal for entry-level Intel-based PC Servers running on the Windows, Netware and Linux operating environments.

Tandberg SLR drives ship with Symantec's Backup Exec QuickStart software and comes with 3 years warranty and support.

Tandberg Data's SLR cartridges are the perfect complement to SLR technology. They provide the necessary features needed for Tandberg SLR tape drives.

SLR DRIVES SPECIFICATIONS

MODEL	SLR140	SLR100	SLR75	SLR7
Capacity - GB*	140	100	75	40
Transfer Rate - MB/s*	12	10	8	6
Interface SCSI	Ultra 2	Wide SCSI	Wide SCSI	Wide SCSI
Media Usage	SLR 140	SLR 100	SLR 75	SLR 7

* Based on a 2:1 Data Compression Rate



SLR Advantages

SMALL BUT EXCELLENT

The SLR tape drives are the best choice for smaller network environments, PC servers or workstations.

RELIABLE

With an annual return rate of less than 1.5%, the Tandberg SLR series is, thanks to its robust design and simple mechanism, the most reliable product on the storage market.

DESCRIPTION	PART NO.	
SLR7 (Grey)	Bare	4720 6620 00
	Internal	4721 6940 00
	External	4722 7156 00
SLR75 (Grey)	Bare	6621 6840 00
	Internal	6621 6938 00
	External	6622 7154 00
SLR100 (Grey)	Bare	6521 6137 00
	Internal	6521 6936 00
	External	6522 6937 00
SLR140 Drive (Grey)	Bare	6720 6784 00
	Internal	6721 6734 00
	External	6722 7152 00

For more configurations please visit www.tandbergdata.com

A SAFE INVESTMENT

The on-going enhancement of proven SLR products is a continuous process, unlike other technologies that are limited by their technical approach. Through consistent development, SLR cartridges currently offer capacities of up to 140GB.

DURABILITY: MORE THAN 30 YEARS**

The reliability and durability of SLR media have been proven through 25 years of field experience and are not drawn from projections based on simulation tests.

** under optimal archival conditions

MEDIA COMPATIBILITY CHART

TAPE FORMAT	SLR 140	SLR 100	SLR 75	SLR 7
SLR 140	R / W			
SLR 100	R / W	R / W		
SLR 75	R / W	R / W	R / W	
SLR 60	R / W	R / W	R / W	
SLR 50 (MLR3)	R / W	R / W	R / W	
SLR 40	R / W	R / W	R / W	
SLR 7	R	R	R	R / W
SLR 32 (MLR1)		R	R	
SLR 24 (SLR6)		R	R	
SLR 5 (QIC-4GB)			R	R
SLR 4 (DC) (QIC-2GB)				R

SLR™ Compatibility Overview—Tandberg Data SLR™ tape drives and media

Autoloaders

StorageLoader LTO™

RELIABLE AUTOMATION AT UNBEATABLE PRICE

The Tandberg StorageLoader LTO™ provides a unique cartridge load design with two 4-slot removable magazines storing a total of 8 data cartridges and in a streamlined 1U form factor.

Each magazine may be ejected through the LCD user interface and there is an emergency eject feature for the magazines in case of power failure. Convenient barcode labeling of the eight data cartridges (or 7 plus a cleaning cartridge) in two magazines provides a controlled backup for quick and accurate off-site storage. To facilitate disaster recovery plans bulk loading and off-site storage are easily handled for increased security and convenience.

The convenience and reduced administrative resources of an automated solution and a mid-range feature set at a budget-friendly cost makes the Tandberg StorageLoader LTO a “best-in-class” choice for small to medium businesses moving to automated backup from traditional standalone tape drives.

The Tandberg StorageLoader LTO ships with a bar code reader, rack kit, remote management and Symantec’s Backup Exec QuickStart software and comes with 3 years warranty and support.

Tandberg LTO tape automation solutions are compatible with industry standard, multi-sourced LTO media. To achieve the best reliability, Tandberg LTO branded and qualified data cartridges are recommended.



StorageLoader LTO3



StorageLoader LTO™ Advantages



CAPACITY AND PERFORMANCE

Industry Standard LTO Drives offer high capacity and performance as the StorageLoader LTO continues to evolve in line with the LTO product roadmap.

EASE OF USE

Removable magazines, remote web management and easy to use LCD interface for system monitoring, bulk loading and off-site storage.

DENSITY

A streamlined 1U form factor design to optimize valuable rack space, the StorageLoader LTO autoloader offers 8 slots and up to 6.4TB of storage capacity.

RELIABILITY

Simplified robotics and cartridge loading, combined with solid metal construction and customer replaceable units to minimize downtime and reduce the overall Total Cost of Ownership (TCO).

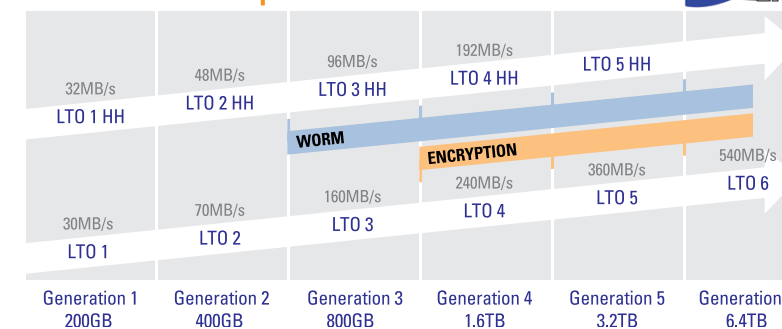
DESCRIPTION	PART NO.
StorageLoader LTO-1 w/BCR	8610 7164 00
StorageLoader LTO-2 w/BCR	8710 6969 00
StorageLoader LTO-3 w/BCR	8710 7193 00

For more configurations please visit www.tandbergdata.com

MEDIA COMPATIBILITY CHART

TAPE FORMAT	LTO-1 HH	LTO-2 HH	LTO-3 HH
LTO Ultrium 1	R / W	R / W	R
LTO Ultrium 2		R / W	R / W
LTO Ultrium 3			R / W
LTO Ultrium 3 WORM			R / W

LTO Ultrium Roadmap



STORAGELOADER LTO DRIVES SPECIFICATIONS

MODEL	LTO-1	LTO-2	LTO-3
Capacity	800GB / 1.6TB	1.6TB / 3.2TB	3.2TB / 6.4TB
Transfer Rate - MB/s*	16 / 32*	24 / 48*	60 / 120*
Form Factor	1U	1U	1U
No. of Cartridges	8	8	8
Interface	SCSI Ultra2 LVD	SCSI-3 Ultra160 HD68	Ultra160 SCSI / LVD
Media Usage	X23, X10, X6	X23, X10, X6	X23, X10, X6

* Based on a 2:1 Data Compression Rate

StorageLoader VXA™

THE GOLD STANDARD IN TAPE BACKUP AND RESTORE

The StorageLoader VXA™ 1U 1x10 Slot Autoloader sets the standard in data density, data reliability, transfer speed and price for this class of automation products.

In addition to its compact 1U, rackmountable form factor, it offers a midrange feature set, including a barcode reader standard, random library operation and standard remote management. The product is available with VXA-172 or VXA-320 drive with a maximum capacity of 3.2TB and a maximum transfer rate of 86GB/hr.

The StorageLoader VXA uses three different cartridge capacities (40/80GB, 80/160GB and 160/320GB), providing VXA users the flexibility to choose the capacity that best meets their current storage and budget needs with the ability to add capacity on demand, simply by using larger capacity VXA Tapes.

Tandberg Data's VXAtape™ cartridges are the perfect complement to VXA technology. They provide the necessary features needed for Tandberg VXA tape drives, autoloaders, and libraries. Imation Corporation is the exclusive worldwide distributor of VXA tapes.



StorageLoader VXA™ Advantages

Durability

Uses VXA-320 (VXA-3) Packet Tape Drives with patented VXA Packet Technology—extreme tested for 100% data restore integrity.

Streamlined Design

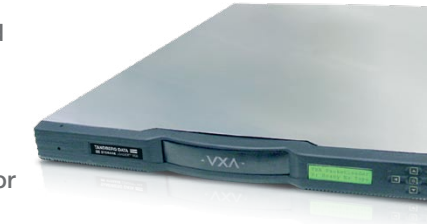
Uses a compact 1U rack-mounted design to accommodate space constraints.

Scalable Capacity

Offers ten 320GB cartridge slots for up to 3.2TB backup capacity at a transfer speed of up to 86.4GB/hr. to deliver the best combination of speed and capacity available in any comparable autoloader.

Value For Money

Incorporates midrange autoloader features such as a barcode reader standard, random library operation and standard remote management functionality at an entry-level price.

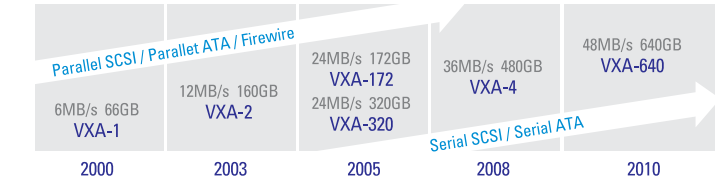


DESCRIPTION	PART NO.
StorageLoader VXA-172	900700
StorageLoader VXA-320	900610

For more configurations please visit www.tandbergdata.com

MEDIA COMPATIBILITY CHART		
PRODUCT	VXA-172	VXA-320
X23 (230m) Data Cartridge - GB	Not used w/ VXA-172	160 / 320
X10 (124m) Data Cartridge - GB	86 / 172	86 / 172
X6 (62m) Data Cartridge - GB	40 / 80	40 / 80

VXA Packet Drive Roadmap



Assuming 2:1 Data Compression Rate

STORAGELOADER VXA SPECIFICATIONS		
MODEL	VXA-172	VXA-320
Capacity (Native / Comp*)	860GB / 1.72TB*	1.6TB / 3.2TB*
Transfer Rate - MB/s (Native / Comp*)	12 / 24*	12 / 24*
Form Factor	1U	1U
No. of Slots	10	10
Interface	SCSI-3 Ultra160 HD68	SCSI-3 Ultra160 HD68 / Firewire
Media Usage	X23, X10, X6	X23, X10, X6

* Based on a 2:1 Data Compression Rate

StorageLoader 2U LTO™

SETTING THE STANDARDS FOR ENTRY-LEVEL LTO™ TAPE AUTOMATION

The Tandberg StorageLoader 2U LTO is ideally suited for SMB or departments looking for a cost effective storage solution that provide them with just the right mix of reliability and scalability.

The Tandberg StorageLoader 2U LTO offers outstanding value for IT departments that need capacities up to 32TB*. The Capacity on Demand (COD) feature allows users to easily increase usable capacity (from 10 to 20 slots) as their data grows. With a choice of one LTO-3 or LTO-4 SCSI or FC drives or one or two LTO-2 or LTO-3 HH drives, and the flexibility of Performance on Demand (POD), users can add drives or upgrade to next generation technology to increase their library's performance when they need it.

The StorageLoader 2U LTO has a host of management and maintenance features, ensuring minimized down-time and ease of management. Using the browser based remote management interface, administrators can remotely monitor, control, configure and diagnose the StorageLoader 2U LTO via the Internet from anywhere in the world.

The StorageLoader 2U LTO comes with a 1 year Advanced Replacement Service warranty (on component level only) and a 3 year factory warranty.

Tandberg LTO tape automation solutions are compatible with industry standard, multi-sourced LTO media. To achieve the best reliability, Tandberg LTO branded and qualified data cartridges are recommended.



DESCRIPTION	PART NO.	
With 1 x LTO-3 HH Drive	10 slots	052112
	20 slots	052113
With 1 x LTO-4 FH Drive SCSI	10 slots	2406-LTO
	20 slots	2407-LTO
With 1 x LTO-4 FH Drive FC	10 slots	2456-LTO
	20 slots	2457-LTO

For more configurations please visit www.TandbergData.com

StorageLoader 2U LTO Advantages

WIDE VARIETY OF DRIVE

Supports up to two Ultrium LVD SCSI LTO-2 or LTO-3 HH drives, one LVD SCSI LTO-3 or LTO-4 drive or one native FibreChannel LTO-4 drive.

FULLY SCALABLE

Base unit is kitted with one or two 10-cartridge-magazine, that includes one Import/Export (I/E) port and can be scaled up to a 20-cartridge system by adding an additional magazine. Easily and inexpensively double your speed by upgrading to a second Ultrium LTO-2 drive, even when installed in a rack, creating one of the world's first 2U dual drive LTO loader.

BETTER PERFORMANCE

Delivers up to 8 to 32TB* of capacity at a transfer rate of up to 864GB/hr*.

USER FRIENDLY

Uses an intuitive, user-friendly LCD interface for configuration, status, diagnostic, and help functions.

ADI SUPPORT

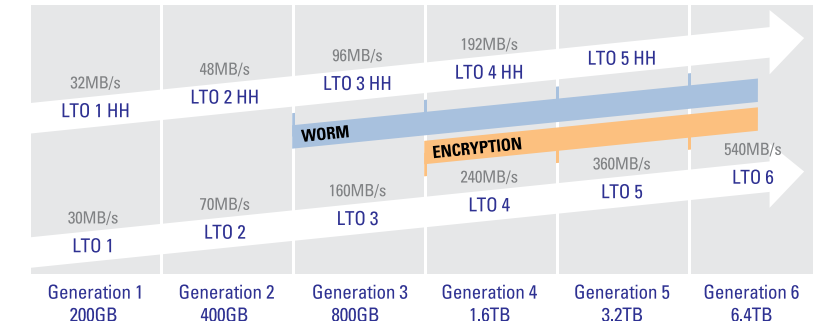
Featuring Automation/Drive Interface (ADI) that reduces cost, increases automation reliability to ensure greater end user simplicity.

FIELD UPGRADEABLE PARTS

Capacity on Demand (COD) enables easy increase of usable capacity as data grows, by upgrading from 10 to 20 slots, or by adding or upgrading drives.

TAPE FORMAT	LTO-2 HH	LTO-3	LTO-4
LTO Ultrium 1	R / W	R	
LTO Ultrium 2	R / W	R / W	R
LTO Ultrium 3		R / W	R / W
LTO Ultrium 4			R / W

LTO Ultrium Roadmap



MODEL	LTO-2 HH	LTO-3 FH	LTO-3 HH	LTO-4 FH
Max Capacity - TB (Native / Comp*)	4 / 8*	8 / 16*	8 / 16*	16 / 32*
Transfer Rate - MB/s*	24 / 48*	80 / 160*	60 / 160*	120 / 240*
Form Factor	2U	2U	2U	2U
No. of Drives	2	1	1	1
No. of Slots	10 or 20	10 or 20	10 or 20	10 or 20
Interface	Ultra 160 SCSI / LVD	Ultra 160 SCSI / LVD / FC	Ultra 160 SCSI / LVD / FC	Ultra 160 SCSI / LVD / FC

* Based on a 2:1 Data Compression Rate

Tape Libraries

StorageLibrary T40

THE TRULY FLEXIBLE ENTERPRISE STORAGE

The Tandberg StorageLibrary T40 is the most competitively positioned midrange tape library in the market, combining high capacity (up to 64TB*) and performance into a small 4U rack optimized solution, supporting both SCSI and FC connectivity. Whether you are planning for data growths, looking into upgrading to the next generation of LTO™ drive, storage consolidation or integrating into a SAN solution, the StorageLibrary T40 was developed with versatility and flexibility in mind to provide the maximum upgrade path to cater for all scenarios—while protecting your investment. The Tandberg StorageLibrary T40 is designed to provide:

- Flexibility to mix SCSI and Fibre Channel in the same library with the ADI interface.
- Flexibility over media with easy cartridge management.
- Flexibility over operations via in-built partitioning that enables users to create 4x virtual tape libraries.

The StorageLibrary comes with a 1 year Advanced Replacement Service and with 3 years warranty and support.

Tandberg LTO tape automation solutions are compatible with industry standard, multi-sourced LTO media. To achieve the best reliability, Tandberg LTO branded and qualified data cartridges are recommended.



StorageLibrary T40 Advantages

BUDGET FRIENDLY

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

MEETING BACKUP WINDOWS

The StorageLibrary T40 helps customers meet their backup window requirements by offering customers the option to scale up to 2FH drives and provides enterprise performance by offering 2 or 4 GB native fibre channel connectivity.

MANAGING EXPONENTIAL DATA GROWTH

The StorageLibrary T40 is one of the highest density libraries in the industry, by scaling up to 40 tape slots in a 4U rack space. The default capacity of 24 Tape slots can be increased via Capacity on Demand.

ENTERPRISE MANAGEMENT

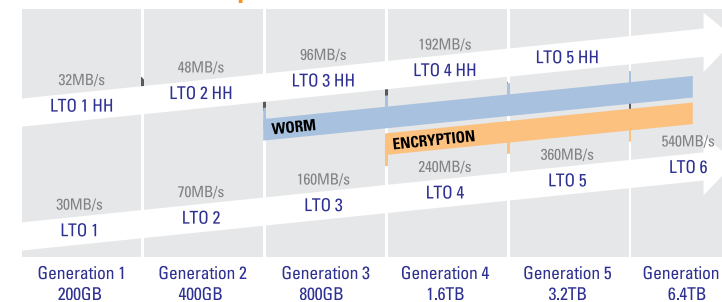
When it comes to enterprise management, the StorageLibrary T40 has a user-friendly interface for system setup, control and monitoring. It comes with an integrated barcode reader, remote management features, Export/Import slot, Customer Replaceable Units, drive hot swapping; notification via SNMP support/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

DESCRIPTION		PART NO.
With 1 x LTO-3 FH Drive SCSI	24 slots	8810 8812 00
With 1 x LTO-3 FH Drive FC	24 slots	8810 8120 00
With 1 x LTO-4 FH Drive SCSI	24 slots	8124
With 1 x LTO-4 FH Drive FC	24 slots	8126

For more configurations please visit www.tandbergdata.com

TAPE FORMAT	LTO-3	LTO-4
LTO Ultrium 1	R	
LTO Ultrium 2	R / W	R
LTO Ultrium 3	R / W	R / W
LTO Ultrium 4	R / W	R / W

LTO Ultrium Roadmap



MODEL	LTO-3 FH	LTO-4 FH
Max Capacity - TB (Native / Comp*)	16/32*	32/64*
Transfer Rate - MB/s*	80/160*	120/240*
Form Factor	2U	2U
No. of Drives	1-2	1-2
No. of Cartridges	24 or 40	24 or 40
Interface	Ultra 160 LVD SCSI or FC	Ultra 160 LVD SCSI or FC

* Based on a 2:1 Data Compression Rate

StorageCab 6000

THE SMARTER CHOICE FOR DISK BASED BACKUP

Backup windows are shrinking and rapid file restore is more important than ever. IT departments need storage solutions to meet the increasing demands of users who need to share files in heterogeneous environments.

The Tandberg StorageCab 6000 is designed with this in mind to provide for storage expansion, speedy file access and convenient file sharing for high data availability, rapid recovery, data protection and easy data management.

Powered by Microsoft® Windows® Storage Server 2003 (WSS 2003) operating system and optimized for storage-specific management and applications, the Tandberg StorageCab 6000 ensures ease of deployment, flexibility and seamless integration into a customers' existing network environment.

The Tandberg StorageCab 6000 comes with 3 years warranty and one year Advanced Replacement Service (component level only).



StorageCab6000 Advantages

RACK-MOUNTABLE AND SCALABLE

The 2U StorageCab 6000 is rack mountable and can be scaled from 1.6 to 4.5TB of storage capacity.

POWERED BY MICROSOFT® WINDOWS® STORAGE SERVER 2003 (WSS 2003)

People familiar with the Windows environment will find it very easy to configure the StorageCab 6000. On top of that, they will not have to worry about the correct number of Client Access License to purchase as the WSS 2003 comes with unlimited Client Access License. All file sharing protocols are also supported e.g. CIFS/SMB, NFS, AppleTalk, DFS, HTTP & FTP + Storage report manager.

EASE OF DEPLOYMENT

Appliances are relatively easier to deploy in networks without drastic reconfigurations to the network servers for file-level, block-level or both access. As storage management moves out-of-board to appliance level, reconfiguring storage subsystems requires less effort.

THIRD PARTY APPLICATION SUPPORT

As the StorageCab 6000 is powered by WSS 2003, most third party applications are supported. Customers can install the backup software or anti-virus software of their choice.

EASY BACKUP/ARCHIVING INTEGRATION

Tandberg StorageCab 6000 comes with a Dual Gigabit Ethernet and optional native Fibre Channel or SCSI interface, which allows for easy integration into any storage infrastructure. This makes it the perfect device that can

be implemented in various backup, archiving and disaster recovery solutions. The StorageCab 6000 can be implemented as a second tier storage device, a backup server or a centralized file sharing device.

MEDIA COMPATIBILITY CHART

DESCRIPTION	PART NO.
StorageCab 6000 1.6TB	2390 7040 00
StorageCab 6000 2.4TB	2390 7041
StorageCab 6000 4.5TB	2390 7042 00

STORAGECAB 6000 SPECIFICATIONS

MODEL	StorageCab 6000	StorageCab 6000	StorageCab 6000
Capacity	1.6TB	2.4TB	4.5TB
Form Factor	2U	2U	2U
No. of Drives	4	6	6
Operating System	Microsoft Windows Storage Server 2003 R2	Microsoft Windows StorageServer 2003 R2	Microsoft Windows StorageServer 2003 R2
Processor	Intel Pentium 4531 (3 GHz)	Intel Pentium 4531 (3 GHz)	Intel Pentium 4531 (3 GHz)
Default Memory	1GB RAM	1GB RAM	1GB RAM
Interface	3Gb/s SATA	3Gb/s SATA	3Gb/s SATA
Connectivity	Dual GbE	Dual GbE	Dual GbE

* Based on a 2:1 Data Compression Rate

Tandberg Tape Media

QUALITY ASSURANCE FOR YOUR TANDBERG STORAGE SOLUTION

Tandberg Data Tape Media and storage products are the result of many years of joint development and continuous enhancements. This helps to meet the increasing capacity, performance and cost-efficiency demands. The industry-leading quality and reliability of our products is acknowledged by leading international OEM customers.

Our partners are dependent on optimum data security for their mission critical data storage needs. Using Tandberg Data branded media with Tandberg Data branded storage products assures industry-leading performance and data security. Tandberg Data media is always the right choice because it is designed to work with our products. To achieve and maintain the maximum benefit of your Tandberg Data branded storage product, we recommend using Tandberg Data media cartridges with them.

Tandberg Data's VXAtape™ cartridges are the perfect complement to VXA technology. They provide the necessary features needed for Tandberg VXA tape drives, autoloaders, and libraries. Imation Corporation is the exclusive worldwide distributor of VXA tapes.



How should I store and maintain tape media?

TEMPERATURE AND HUMIDITY

To achieve maximum tape media life, users must ensure that they are kept under optimal temperature and humidity. Tapes should not be exposed to temperatures exceeding about 120 degrees Fahrenheit, such as under direct strong sunlight. The high temperature may cause the tape to melt, increasing chances of the adjacent layers of tape sticking together. Hence, tape cartridges are best stored under room temperature.

AVOID MAGNETIC FIELDS AND DUST

Tape media should be kept away from strong magnetic fields and dust to reduce the risk of data loss. The most common sources of magnetic field exposure is contact or long-term proximity to regular, permanent magnets such as cathode-ray tubes, transformers and speakers. Tape media may also be damaged by being left out of its storage case or inside a media drive for a long time when dust is collected.

CLEAN THE TAPE DRIVE REGULARLY

Using a tape drive with a dirty head might cause data problem, hence regular cleaning is a must. When the tape drive is turned on, its built-in fan may cause small amounts of dust to enter the drive. Ideally, cleaning of the tape drive should be scheduled weekly.

CHANGING MEDIA

The life of each tape media depends on the way it is utilised and stored, as well as the condition of the tape drive. Hence, tape media should be replaced when necessary.

SLR MEDIA SPECIFICATIONS

MODEL	PART NO.	MAX CAPACITY - GB (NATIVE / COMPR.)	DATA TRANSFER RATE - MB/S (NATIVE / COMPR.)
SLR 7	0043 2294-1	20 / 40*	3 / 6*
SLR 75	0043 2746	38 / 76*	4 / 8*
SLR 100	0043 1891-1	50 / 100*	5 / 10*
SLR 140	0043 2687	70 / 140*	5 / 10*

* Assuming 2:1 Data Compression Rate. Max Capacity and Transfer Rate will be determined by the performance of the drive

LTO MEDIA SPECIFICATIONS

MODEL	PART NO.	MAX CAPACITY - GB (NATIVE / COMPR.)	DATA TRANSFER RATE - MB/S (NATIVE / COMPR.)
LTO 1	0043 2630-1	100 / 200*	20 / 40*
LTO 2	0043 2744	200 / 400*	40 / 80*
LTO 3	0043 3216	400 / 800*	80 / 160*
LTO 4	0043 3781	800 / 1600*	120 / 240*

* Assuming 2:1 Data Compression Rate. Max Capacity and Transfer Rate will be determined by the performance of the drive

RDX MEDIA SPECIFICATIONS

MODEL	PART NO.	MAX CAPACITY - GB (NATIVE / COMPR.)	DATA TRANSFER RATE - MB/S (INTERNAL/EXTERNAL)
RDX 40GB	0043 8403	40 / 60*	25 / 35
RDX 80GB	0043 8414	80 / 160*	25 / 35
RDX 120GB	0043 8415	120 / 240*	25 / 35
RDX 160GB	00 8458	160 / 320*	35 / 45
RDX 300GB	8471-RDX	300 / 600*	35 / 45

* Assuming 2:1 Data Compression Rate.

Service

World-Class Service to Minimize Downtime

Tandberg Data offers a wide range of service, repair and warranty offerings to minimize downtime and further protect your business critical data.

WARRANTY

Tandberg Data includes limited warranties on every product we sell. Service for Tandberg Data products under warranty is provided by Tandberg Data's fully trained and qualified technicians. Any products found to be defective within the warranty period will be repaired or replaced without charge.

SECURESERVICE

For customers who require higher levels of service to minimize downtime and its associated costs, Tandberg Data offers extended on-site service options:

- 5x8xNBD—On-site-support during the next business day, five days a week, eight hours a day.
- 5x8x4—On-site-support within four hours, five days a week, eight hours a day. This coverage is available during regular business hours.
- 7x24x4—On-site-support within four hours, seven days a week, twenty-four hours a day, any day of the week, including bank holidays.

ADVANCED REPLACEMENT SERVICE

A replacement unit or its components will be shipped to the customer's site, free of charge, within 2 business days. Advanced replacement Service is available to customers throughout Europe. Visit www.tandbergdata.com for more details.

ADDITIONAL SERVICE OFFERINGS:

BRING-IN REPAIRS

Tandberg Data will repair products outside the warranty period. For a small charge, Tandberg Data's fully trained and qualified technicians will check and repair the unit.

MEDIA BULK ERASE

The bulk erase service from Tandberg Data saves you work and provides peace of mind that all data, such as company critical information, has been completely erased.

MAINTENANCE

Tandberg Data qualified engineers will be able to refurbish Tandberg Data hardware or carry out firmware updates.

STANDARD SERVICE AND TECHNICAL SUPPORT					UPGRADED SERVICE LEVELS		
TAPE DRIVES	Standard Warranty	Advanced Replacement Service	5x10x Freephone	24x7xWeb Support	Warranty Upgrade	Advanced Replacement Upgrade	SecureService Installation
SLR Drives	3 yrs	3 yrs	included	included	4-5 yrs		
VXA Drives	3 yrs	3 yrs	included	included	4-5 yrs		
LTO Drives	3 yrs	3 yrs	included	included	4-5 yrs		
REMOVABLE DISK							
RDX QuikStor	3 yrs	1 yr	included	included			
TAPE AUTOMATION							
StorageLoader VXA	3 yrs	1 yr*	included	included	2-3 yrs	2-5 yrs*	✓
StorageLoader LTO	3 yrs	3 yrs*	included	included	4-5 yrs	4-5 yrs*	✓
StorageLoader 2U LTO	3 yrs	1 yr*	included	included	4-5 yrs	2-5 yrs*	✓
StorageLibrary T40	3 yrs	1 yr*	included	included	4-5 yrs	2-5 yrs*	✓
DISK BASED BACKUP							
StorageCab 6000	3 yrs	1 yr*	included	included	4-5 yrs	2-5 yrs	

ON-SITE SERVICE UPGRADES				ADDITIONAL AND OUT OF WARRANTY SERVICES		
TAPE DRIVES	SecureService 5x8xNBD	SecureService 5x8x4	SecureService 7x24x4	Bring in Repairs	Media Services Bulk Erase	Maintenance
SLR Drives	1-5 yrs	1-5 yrs	1-5 yrs	✓	✓	✓
VXA Drives	1-5 yrs	1-5 yrs	1-5 yrs	✓	✓	✓
LTO Drives	1-5 yrs	1-5 yrs	1-5 yrs	✓	✓	✓
REMOVABLE DISK						
RDX QuikStor				✓		
TAPE AUTOMATION						
StorageLoader VXA	1-5 yrs	1-5 yrs	1-5 yrs	✓	✓	
StorageLoader LTO	1-5 yrs	1-5 yrs	1-5 yrs	✓	✓	✓
StorageLoader 2U LTO	1-5 yrs	1-5 yrs	1-5 yrs	✓	✓	✓
StorageLoader T40	1-5 yrs	1-5 yrs	1-5 yrs	✓	✓	✓
DISK BASED BACKUP						
StorageCab 6000	1-5 yrs	1-5 yrs	1-5 yrs	✓		

* component level only

If you have any questions about protecting your data, Tandberg Data storage specialists are available globally to offer you help in finding the best solution for your business.

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