Tandberg
240LTO

Enter the world of LTO for best performance and capacity

Entry-level Ultrium tape solution

The Tandberg Storage Solution 240LTO provides an entry-level Ultrium tape solution and offers capacity, performance, and reliability for midrange and network tape storage environments. The 240LTO provides up to 200 GB* storage capacity per cartridge, it achieves up to 30 MB*/sec data transfer rates and adheres to widely supported LTO-Technology (Linear Tape Open) standards. The Tandberg Storage Solution 240LTO is suited for handling the backup, save/restore and archival data storage needs of a wide range of small systems.You can rely on Tandberg Storage Solution 240LTO, whether you are using a high-performance network server or an individual workstation.

Flexible attachment

The Ultra-160 SCSI attachment is designed to allow standalone servers to exploit the tape drive when natively attached or as an external version.

Low total cost of ownership

Exploiting the performance and capacity of the Tandberg 240LTO can help reduce the number of tape cartridges, tape drives and tape libraries required in a storage environment. Concomitant solutions could expand efficiently and new installations benefit from the ideal TCO values of the tape drives immediately.

Tape drive information about LCD status advice

The Tandberg Storage Solution 240LTO disposes of a LCD status advice, which offers a permanent tape drive information. It provides continuous, easy-to-understand drive information with an LCD status display. It has an LCD display and indicators for write protection, tape in use, drive cleaning and data compression. So you are optimally informed about the Tandberg Storage Solution 240LTO all the time.

Ultrium tape drive

Ultrium tape drives combine best-of-breed technology provided by the advanced multitrack recording capability, head and servo technologies and high recording density of existing tape products. These tape drives use the most advanced and reliable magneto-resistive (MR) head technology to leverage the high number of concurrent channels, timing-based servo and linear serpentine recording technologies. The Error Correction Code-function (ECC) helps support data integrity.

* 2:1 Hardware Data compression

In the modern business world it is very important for companies, to rely on data as a key corporate asset. You must be able to access data quickly and reliably, archive large databases and retrieve them when needed, and complete these tasks economically. The Tandberg Storage Solution 240LTO is one building block of a family of scalable, flexible tape solution. The Tandberg Storage Solution 240LTO provides a cost-effective backup for midrange and network tape storage environments.

Special functions

- **Up to 200 GB* capacity with 108* GB*/h transferrate**
- **Ultra- 160 SCSI LVD interface**
- **Provides an entry-level Ultrium™ tape solution**
- **3 years warranty**

ULTRIUM LTO

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Specification

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Tape drive		**LTO Ultrium 1**
Capacity:	Native:	100 GB
	Compressed:	200 GB*
Transfer rate:	Native:	15 MB/s
	Compressed:	up to 30 MB/s *
Burst transfer rate:		up to 40 MB/s*
Interface:		Ultra160 SCSI LVD
Number of tracks:		384
Cartridge:		LTO Ultrium 1
Data compression:		SLDC (LTO Data Compression with ECMA-321)2
Rewind speed:		up to 6 m/s
Operating speed:		up to 6 m/s
Maximum locate speed:		up to 4 m/s
Average file access:		73 Seconds
Average load to BOT:		15 Seconds
Average unload from BOT:		73 Seconds
Average rewind time:		up to 110 seconds (Average Ultrium 1 Cartridge)
Reliability		
MTBF (h):		250,000 @ 100% duty cycle
Error rate (calculated):		1 x 10^{17} bytes per permanent read error
Error rate (validated):		1 x 10^{14} bytes per permanent read error
Error rate (validated):		1 x 10^{13} bytes per permanent write error
Dimensions /Weight		
Dimensions (internal drive):		8.5cm x 14.9cm x 21.1cm (3.33" H x 5.83" B x 8.33" T)
Weight:		3.0 kg (6.6 lb.)
Dimensions (external drive):		14.6cm x 17.1cm x 33.3cm (5.75" H x 6.74" B x 13.11" T)
Weight:		6.6 kg (14.3 lb.)
Operating Environment		
Temperature:		10° to 38° C (50° to 100° F)
Relative humidity:		20% to 80% (non-condensing)
Electrical Power		
Power:		37W
Voltage:		5V 5A; 12V 2.5A
Supported systems		

Microsoft® Windows® NT® 4.0 with Service Pack 6.0, Microsoft Windows 2000; Sun® Solaris 2.6,7 or 8; HP-UX Version 11.0; Red Hat Linux® 7.0; AIX® Version 4.3.2 or 4.3.3 and OS/400 V4R4

2:1 Hardware Data compression

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