

# Tandberg Midrange Library 2800



## Tandberg Automation

This enterprise-class product with mid-range pricing is packaged in a compact 20U form factor to conserve valuable data center rack space. The patented, award-winning robotics make Tandberg Automation featuring LTO products superior in engineering, quality and reliability. With the simplicity of plug and play capability and powerful remote management built into all of its LTO automation products, the Tandberg Midrange Library 2800 is the smartest choice for network administrators, giving them the features and quality they need for reliable, enterprise-class backup and restore.

## Tandberg's Native Fibre Channel Approach

The Tandberg Midrange Library 2800 offers the fastest available Ultrium LTO3 native fibre channel tape drive. The imbedded native fibre channel interface to the tape drives and robotics eliminates the need for an internal bridge or router. As a result, performance bottle-necks are eliminated and a costly point of failure is avoided, giving you a faster, more reliable backup and restore operation.

The highest density, most cost effective LTO Ultrium™ automation product in the industry.

If you want superior engineering, quality and reliability along with the ultimate in scalability, the Tandberg Midrange Library 2800 is the product for you. It easily expands from a 2-drive, 20-slot library to a 8-drive, 143-slot library for a low price.

## Special Functions

- Capacity up to 114.4 TB\* (Up to 143 data cartridges)
- Transfer rate up to 4.6 TB/hr\* (Up to 8 LTO3 tape drives)
- Extremely high density in a compact 20U form-factor
- Remote management and 8-way partitioning using Fibre Channel
- 3 years warranty

\* Assuming 2:1 data compression and 8 LTO3 tape drives installed

## Highlights

Includes powerful remote management to give network administrators hands-free management capabilities.

Incorporates an enterprise-class standard feature set that includes a laser barcode scanner, remote management capabilities and a 5 slot entry/exit port.

Provides unique 4-way partitioning to create up to four separate virtual libraries when using SCSI drive interfaces. When used with Fibre Channel drives, a total of 8-way partitioning is possible.

Field replaceable drives allow for easy upgrades to next generation LTO drive technology or an easy migratory path to another interface.

# Technical Specifications

## Tandberg Midrange Library 2800

<b>TECHNICAL SPECIFICATIONS</b>	
<b>Characteristics</b>	
<b>Library</b>	
No. Of Tape Drives	Up to 8
No. Of Slots	143
No. Of Entry/Exit Slots	5
<b>Capacity</b>	
Native	Up to 57.2 TB
Compressed	Up to 114.4 TB*
<b>Data transfer rate</b>	
Native	Up to 2.304 TB/hr
Compressed	Up to 4.608 TB/hr*
Cartridge Access Time	< 10 seconds
Data cartridge	LTO Ultrium 3
Cleaning cartridge	LTO Ultrium Cleaning Cartridge
Backward compatibility	Read/Write compatible with LTO Ultrium 2/3, Read with LTO Ultrium 1
Standard Interface	Ultra 2, Ultra 3 SCSI LVD/SE
Optional Interface	Native 2Gbps Fibre Channel Interface Ultrium 3 Tape Drive
<b>Reliability</b>	
Robotic Mean Cycles Between Failures (MCBF)	> 2,000,000
Mean Time Before Failure (MTBF)	250,000 hrs @ 100% duty cycle
<b>Physical Characteristics</b>	
<b>Dimensions</b>	
Rackmount	34.81" H x 17.66" W x 27.3" D
Shipping	46" H x 24" W x 32" D
<b>Weight</b>	
Empty with 1 power supply	191 lbs
Shipping	217 lbs
Drive CRU	9 lbs
Additional power supply	4.5 lbs
<b>Operating Environment</b>	
Operating temperature	41° F to 95° F (5° C to 35° C)
Non-operating temperature	-4° F to 140° F (-20° C to 60° C)
Relative humidity	20% to 80% (non-condensing)
Electrical power	500 watts
	100 - 240 VAC at 50 - 60 Hz
<b>Certification</b>	
Agency certifications	UL, CSA, FCC, CISPR, VDE, IEC, TÜV
<b>Warranty</b>	
Warranty	3 years warranty

For more information, kindly contact your Tandberg Data sales representative or authorised distributor, or visit [www.tandberg.com.sg](http://www.tandberg.com.sg)

\* Assuming 2:1 data compression

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