

NEC Tape Storage

T30A LTO Tape Library



Highlights

The T30A LTO Tape Library offers a cost effective and space efficient data protection solution. The T30A is equipped with up to two LTO Ultrium 4 or LTO Ultrium 5 tape drives and can accommodate up to 30 tape cartridges. Using 30 LTO Ultrium 5 cartridges, the T30A can store 90TB of compressed data.

Features

Compact, space-efficient design

- Available with 1 – 2 LTO Ultrium 4/5 tape drives in a compact 2U chassis
- Supports a maximum of 90TB of compressed data
- Up to 560MB/s compressed data transfer rate
- SAS or Fibre Channel Host-Interface

Convenient operation

- Removable magazine
- I/O station for cartridge import / export
- WEB based remote management



I/O station

*Compression is 2:1

*1TB=1,000,000,000,000 bytes

T30A Specifications

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Drive type	LTO Ultrium 4	LTO Ultrium 5
Number of drives	1 or 2	
Number of cartridges	18 or 30	
Maximum data capacity* ¹	24.0TB (native) 48.0TB (compressed at 2:1)	45.0TB (native) 90.0TB (compressed at 2:1)
Transfer rate* ² (2 drives case)	240MB/s (native) 480MB/s (compressed at 2:1)	280MB/s (native) 560MB/s (compressed at 2:1)
I/O station (dedicated slots for importing/exporting cartridges)	2 slots (user configurable)	
Barcode reader	Standard	
Host interface	8G Fibre Channel / 6G SAS	
Partitioning* ³	Optional	
Encryption capability	AES 256 bit Optional key management feature	
Library management	Operator panel on front bezel and WEB based remote management tool	
Power requirement	AC100-240V, 50/60Hz	
Power consumption (1 drive)	88W	
Environmental limit	Temperature	10 C to 35 C (50 F to 95 F)
	Humidity	20% to 80%H (non-condensing)
Dimensions (H x W x D)	88mm x 446mm x 869mm	
Weight (1 drive) * ⁴	26.1kg	
OS support* ⁵	Windows®, HP-UX, Solaris™, AIX®, Linux®	

*1: 1TB=1,000,000,000,000 bytes

*2: Data transfer rate would differ due to operating environment and conditions

*3: Partitioning feature will be available in Q1 of 2012

*4: Without cartridges

*5: Including preliminary information

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