

## NEC Tape Storage

# T30A Tape Library

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 5, LTO Ultrium 6 or LTO Ultrium 7 tape drives and can accommodate up to 30 tape cartridges. Using 30 LTO Ultrium 7 cartridges, the T30A can store 450TB of compressed data.

### Features



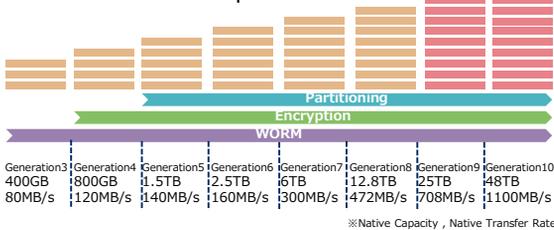
#### ■ Compact, space-efficient design

- Available with 1-2 LTO Ultrium 5/6/7 tape drives in a compact 2U chassis.
- Supports a maximum of 450TB of compressed data.
- Up to 1500MB/s compressed data transfer rate
- SAS or Fibre Channel Host-Interface

#### ■ LTO Ultrium Tape Drive

- LTO maintains the quality of the format by a drive by an independent agency, the compatibility of the media and a quality test by the open standard of the magnetic tape developed by 3 leading vendors of storage jointly. A road map is published until the 10th generation at present. It'll range in the future, and the large-volume high-speed backup environment can be achieved surely.

#### · LTO Ultrium Roadmap



Tape	LT03	LT04	LT05	LT06	LT07
LT03 Drive	R/W	x	x	x	x
LT04 Drive	R/W	R/W	x	x	x
LT05 Drive	R	R/W	R/W	x	x
LT06 Drive	x	R	R/W	R/W	x
LT07 Drive	x	x	R	R/W	R/W

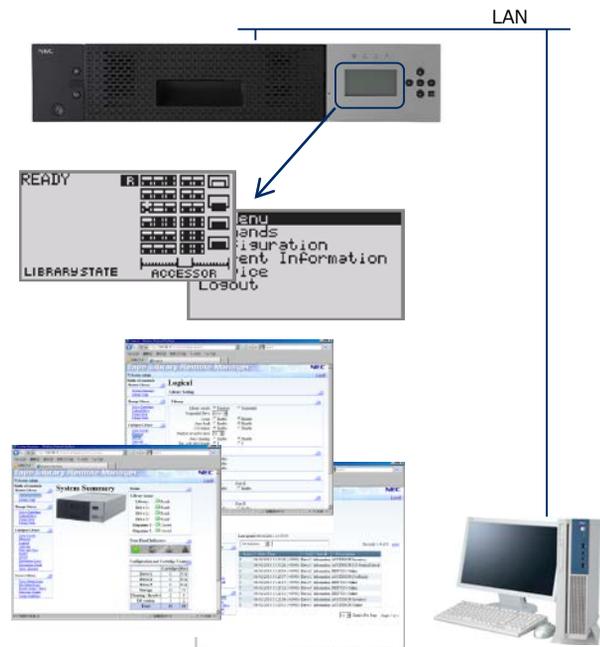
#### ■ Stock capacity efficiency

- A cell of T30A can stock 2 cartridges in the depth direction. The stock capacity efficiency of the biggest class as at most 30 cartridge is achieved in rack space of 2U.



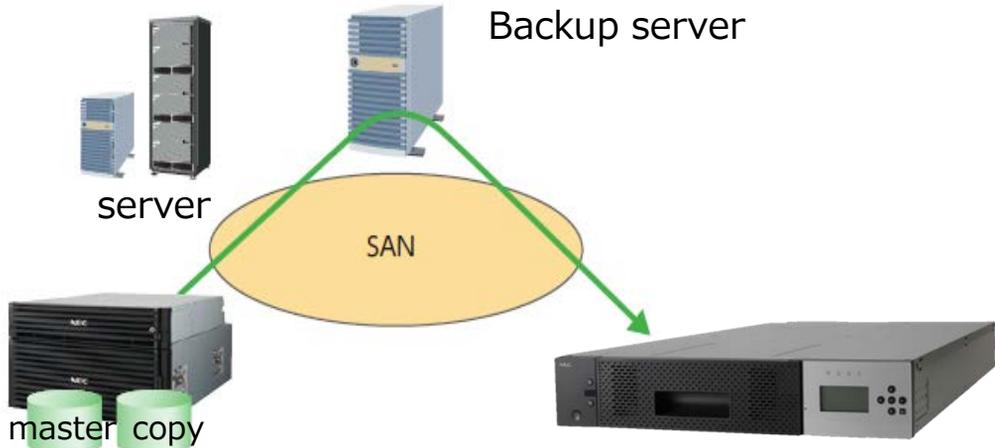
#### ■ Easy to use "User Interface"

- A liquid crystal display is adopted as an operating panel.
- When installing a management terminal on the LAN, it's possible to do situation confirmation of equipment and management from a web browser.



## Use Case

### Integration backup by stop-lessness



## Specification

### Common

Item	specification
Number of drives	1 or 2
Number of cartridges	18 or 30
I/O station	2 slot (User configurable)
Barcode reader	Standard
Host Interface	6Gbps SAS / 8Gbps Fibre Channel
Management Interface	10Base-T / 100Base-Tx / 1000Base-T
Encryption capability	AES 256bit Optional key management feature
Power requirement	AC100-240V , 50/60Hz
Power consumption (max)	88W(1drive) 132W(2drive)
Temperature/Humidity	10 to 40 °C 20% to 80%RH (non-condensing)
Dimensions (W x D x H)	446mm x 869mm x 88mm
Weight(2drive) <sup>*1</sup>	26.1kg
OS support <sup>*2</sup>	Windows®,HP-UX, Solaris™,AIX®,Linux®

### Drive Type

Item	Specification
Maximum data capacity <sup>*3</sup>	
LTO Ultrium 5	45.0TB(native) 90.0TB(compressed at 2:1)
LTO Ultrium 6	75.0TB(native) 187.5TB(compressed at 2.5:1)
LTO Ultrium 7	180.0TB(native) 450.0TB(compressed at 2.5:1)
Transfer rate <sup>*4*5</sup>	
LTO Ultrium 5	280MB/s(native) 560MB/s(compressed at 2:1)
LTO Ultrium 6	320MB/s(native) 800MB/s(compressed at 2.5:1)
LTO Ultrium 7	600MB/s(native) (SAS)1200MB/s (compressed at 2.5:1) (FC)1500MB/s (compressed at 2.5:1)

\*1: Without cartridges

\*2: Including preliminary information

\*3: 1TB=1,000,000,000 bytes

\*4: Data transfer rate would differ due to operating environment and conditions

\*5: At 2Drive.

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