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actiLib 1U / 2U
LTO Tape Automation

LTO Tape Autoloader and
LTO Tape Library for use
in small and medium sized
IT Environments

The actiLib LTO Tape Automation series from actidata offers cost effective LTO Tape Autoloader and LTO Tape Library in rack enclosures, where companies can successfully meet two critical backup tasks: quick backup and long-term archiving of data.

The product range includes reliable, cost optimized storage solutions for companies that need automatic data backup at affordable prices while their data volume exceeds the possibilities of single tape drives. The actiLib LTO Tape Automation series is recommended for IT environments where automatic backup needs to be realized within a low budget.

Outstanding benefits of tape automation

The usage of the actiLib LTO Tape Automation series makes it easier to keep pace with the ever-increasing demands for data backup. Companies that can no longer cover their backup needs with single tape drives, the optimal solution can be found here with actidata's LTO Tape Autoloader and LTO Tape Library.

Easy to administrate

Thanks to an OCI (Operator Control Panel) on the base unit as well as a remote management interface the actiLib LTO Tape Automation products can be configured and monitored directly at the system or centralized within the IT structure, so that the administration effort is significantly optimized.

Service & Support included

actiCare service stands for a 36-month limited warranty including the proven Fast Exchange Service (Advance Replacement of defective parts) as well as free technical support by phone, e-mail and internet in English. On request, actiCare services are available – also Onsite – for up to 60 months.

Product Highlights:

- LTO Tape Automation
  with LTO-9. LTO-8 or LTO-7 technology
- 1U or 2U rackmount version
- Up to two LTO Tape Drive Modules for simultaneous operation (also with in mix)
- 8 – 24 Slots depend on model
- Almost 1080TB (> 1PB) capacity
  (approx. 432TB native capacity)
- Dual SAS or dual/single FibreChannel data interfaces
- Compatible with all common 6G/12G SAS or 8/16 Gb/s FibreChannel HBAs / Switches
- RJ45 Ethernet-Management Port
- Compatible with all common backup software, like Veeam, Veritas BackupExec, Veeam, SEP, Comvault, NetVault, Archiware, ARCserve, Acronis, NovaStor
- 36 months limited warranty included
- 36 months FES Fast Exchange Service (exchange in advance) included
- Optional service extension up to 60 months as well as Onsite Services

actiLib LTO 1U/2U – Technical Data

Technical Specifications	actiLib 1U LTO Autoloader	actiLib 2U LTO Library
Form factor	1U – 19" rackmount	2U – 19" rackmount
No. of LTO slots	8 slots	24 slots
Magazines (swappable)	2	2
Mailslots / barcode reader	1 / 1	1 / 1
No. of LTO tape drives (HH)	1	1 or 2
Power supply	1	1
User panel	LCD panel interactive (OCI – Operator Control Panel)	
Remote management	Via separate RJ 45 (Ethernet interface) RMI (Remote Management Interface) via https:, multilingual	
Service/ Warranty	36 month limited warranty Onsite service extension up to 60 months as option available	
Time initialization	80 – 120 s	
Average time media change	45 s	
Average time inventory	80 - 135 s (using barcode reader with labelled data cartridges)	
Temperature (operation / transport)	10° C – 35° C / -30° C – 60° C	
Humidity (rel. operation/transport)	20% - 80%, not condensing / 20% - 80%, not condensing	
Height (operation)/Height (transport)	3.900m / 10.675m	
Power connection	AC 100-240 Volt (50 – 60 Hz)	
MCBF (Robotic Load/unload Cycles)	2.000.000	2.000.000
Power Consumption	80W	220W
Certifications	For use with most common Backup Software, like Veritas BackupExec, Veeam, Acronis and more – Manufactured under ISO 9001 / ISO 14001	
Width x Depth x Height	48,2 x 80,6 x 4,4 cm	48,2 x 80,6 x 8,7 cm
Weight (typically, depend on config.)	ca. 11,5 kg	ca. 15,6 kg

Capacities & Transfer Rates	actiLib 1U LTO Autoloader	actiLib 2U LTO Library
Capacity LTO-6 native / DC* / **	20TB / 50TB	60TB / 150TB
Capacity LTO-7 native / DC*	48TB / 120TB	144TB / 360TB
Capacity LTO-8 native / DC*	96TB / 240TB	288TB / 720TB
Capacity LTO-9 native / DC*	144TB / 360TB	432TB / 1080TB
Transfer max. LTO-6 native / DC* / **	0,6TB/h / 1,5TB/h	1,2TB/h / 3,0TB/h
Transfer max. LTO-7 native / DC*	1,1TB/h / 2,7TB/h	2,2TB/h / 5,4TB/h
Transfer max. LTO-8 native / DC*	1,1TB/h / 2,7TB/h	2,2TB/h / 5,4TB/h
Transfer max. LTO-9 native / DC*	1,1TB/h / 2,7TB/h	2,2TB/h / 5,4TB/h

Drive Technology	LTO-6**	LTO-7	LTO-8	LTO-9
Capacity per media native / DC*	2,5 TB / 6,25TB	6 TB / 15TB	12TB / 30TB (L8) 9TB / 22,5TB (M8)	18TB / 45TB
Data transfer rate native / DC*	160 MB/s / 400 MB/s dynamic	300 MB/s / 750 MB/s dynamic	300 MB/s / 750 MB/s dynamic	300 MB/s / 750 MB/s Dynamic
Interfaces per LTO tape drive	2 x SAS 6Gb/s (SFF8088) / 1x FC 8Gb/s (LC-Type)	2x SAS 6Gb/s (SFF8088) /1x FC 8Gb/s (Standard) / 2x FC 8Gb/s (Option)	2x SAS 6Gb/s (SFF8088) / 2x FC 8Gb/s (LC-Type)	2x SAS 12Gb/s (SFF8644) / 2x FC 8Gb/s (LC-Type)

* DC= Data Compression: 2,5:1
** LTO-6 Tape Drive – limited availablilty (EOL 12/2021)

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