



actiLib

actiLib Library LTO Series:

actidata actiLib Library Series provide affordable rack-mount tape libraries that enable organizations to effectively accomplish two critical data protection tasks: fast backup and long-term data archival.

Delivering reliable, automated storage solutions for organization that require affordable, unattended data protection and have outgrown the capabilities of direct-attach tape drives. actidata Autoloader and Libraries are based on the high performance LTO technology meeting future requirements that meets today's data capacity requirements and ensures futures growth potential. Great for application environments that demand automated storage while being kind on your budget. You can quickly, easily and cost-effectively:

- free-up valuable IT resources
- generate offsite archives
- minimize human error
- reinforce business continuity plan

Product Highlights:

● Superior Value with Automated Backup

Reducing cost and manpower by simplifying ever increasing backup requirements for data protection and data management policies

● Easy to install into existing IT Infrastructures

Integrated Web-Based Remote Management enables the administrator to configure and maintain the library from the workplace and does away with the need for hands-on setup

● Standard Bar Code Reader

The time to initialise the machine is greatly reduced through the use of the standard Bar Code Reader. It simplifies the addition of cartridges into the backup scheme and facilitates keeping track of data

● Flexible and Compliant with Future Tape Technology

actiLib Library Series offers a range of capacities, interfaces and tape drives. Supports SCSI, SAS and Fibre channel interface and is prepared for LTO5.

● Easy to Maintain and Service

The Power Supply, Controller Unit, Tape Drive and Robot can all be exchanged on-site offering decisive advantages in resuming the backup

● Protect Your Investment

As your data protection needs increase, simply add performance or capacity with tool-free, next generation upgrades for your tape drives

actiLib Library LTO Series

The actiLib Library Series allows simplification of the ever-growing need for business continuity and data retention. It is the essential choice for organizations with demands that can no longer be managed with tape drives.



General		actiLib 1U	actiLib 2U	actiLib 4U	actiLib 8U
No. of Slots		8 Slots	24 Slots	48 Slots	96 Slots
Capacity	LTO-4	6.4 / 12.8 TB	19.2 / 38.4 TB	38.4 / 76.8 TB	76.8 / 153.6 TB
	(Native/compressed) LTO-5	12 / 24 TB	36 / 72 TB	72 / 144 TB	144.0 / 288.0 TB
Max. Performance (Compressed)	LTO-4 HH	576 GB / hr	0.5 TB / hr	2.3 TB / hr	2.3 TB / hr
	LTO-4 FH	576 GB / hr	0.5 TB / hr	1 TB / hr	2.3 TB / hr
	LTO-5 HH	1 TB / hr	2 TB / hr	4 TB / hr	4 TB / hr
	LTO-5 FH	1 TB / hr	1 TB / hr	2 TB / hr	4 TB / hr
Interface	LTO-4	SCSI / Fibre Channel / SAS (HH only)	SCSI / Fibre Channel / SAS (HH only) (iSCSI option for SAS)	SCSI / Fibre Channel / SAS (HH only) (iSCSI option for SAS)	SCSI / Fibre Channel / SAS (HH only) (iSCSI option for SAS)
	LTO-5	SAS (HH Drive) / Fibre Channel	Fibre Channel / SAS (HH & FH Drives) (iSCSI option for SAS)	Fibre Channel / SAS (HH & FH Drives) (iSCSI option for SAS)	Fibre Channel / SAS (HH & FH Drives) (iSCSI option for SAS)
No. of Drives		1 HH	1 ~ 2 HH ; 1 FH	1 ~ 4 HH ; 1 ~ 2 FH	1 ~ 4 HH ; 1 ~ 4 FH

Reliability

Robotics MSBF	500,000 swaps
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Access and Operation

Remote Management (Web)	Yes	Yes	Yes	Yes
Worm (Write Once Read Many)	Yes	Yes	Yes	Yes
Hardware Encryption	Yes	Yes	Yes	Yes
Host Interface	LTO-4	4 Gb Fibre Channel ; 3 Gb / sec SAS ; Ultra320 LVD SCSI		
	LTO-5	8 Gb Fibre Channel ; 6 Gb / sec SAS		

Environments

Noise Emissions	< = 5.8 dB ("quiet office")
Max. allowable vibrations	0.21 Grms 5 - 500 Hz (operating)
Temperature (Operating)	10°C - 35°C (50F - 95F)
Temperature (Non-operating)	-30°C - 60°C (-40F - 140F)
Relative Humidity (Operating)	20 - 80% (non-condensing)
Relative Humidity (Non-operating)	20 - 80% (non-condensing)

Accessories

Included	Rack-mount Kit and accessories depending on configuration
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Power Supply

Number of PSU	1	1	2	2
Voltage	AC 100 - 240 V (60-60 Hz)			
Power Consumption (1 Power Supply)	80 W	220 W	250 W	250 W

Dimensions

Width	48.2 cm	48.2cm	48.2cm	48.2cm
Depth	80.9cm	80.6cm	80.6cm	80.6cm
Height	4.4cm	8.7cm	35.2cm	68.5cm
Weight (out-of-box)	11.5kg	15.6kg	24.5kg	48.6kg

* compressed 2:1

Supported Scalable Configurations

Form Factor	Master Library	Lower Library	No. of Slots	Total Half-Height drive (Master Library + Lower Library)	Total Full-Height drives (Master Library + Lower Library)
6 U	4 U	2 U	72	3 + 1	1 + 0
10 U	8 U	2 U	120	3 + 1	3 + 0
12 U	8 U	4 U	144	3 + 3	3 + 1

About actidata

actidata GmbH, based in Dortmund (Germany), is a young and innovative IT company with outstanding solution competency in the backup and archiving area. The company is active in the core market in Europe and Asia and focuses on the corporate customer segment. actidata aims at establishing itself as a leading storage provider in the B2B area. A highly motivated and experienced team of professionals is committed to the superior quality and reliability of the actidata products: These included tape drives, autoloaders and libraries based on the LTO tape technology platform as well as the disk-based removable storage system actiDisk RDX. The products range of the storage expert further includes LTO and RDX media.