



AP Series Tape Library

Affordable, Automated Data Protection for All Organizations



PivotStor automated data protection simplifies the ever-expanding need for business continuity and data retention. It's the essential choice for organizations with requirements that can no longer be managed with direct-attach tape drives.

- Superior Value**
Reduces cost and manpower associated with direct-attach, manual daily backup
- Automated Backup**
Simplifies ever-increasing backup requirements for data protection and data management policies
- Uncompromising Reliability**
Extensive design, manufacturing and compatibility testing assures AP Series tape libraries work with industry-leading servers, operating systems and backup software. And unique features such as PivotSense™, PivotSecure™, and PivotSure™ that ensure higher reliability and less downtime
- Remote Management**
Manage the library on-site or on the road with an easy-to-use, Web-based remote management user interface
- Easy Install and Upgrade**
AP Series tape libraries allow easy to install and upgrade capabilities, and faster servicing (when required) reduces downtime
- Flexibility Fits the Need**
Models with LTO-3 or LTO-4 technologies offer outstanding capacity and performance with flexible interface support of Fibre Channel, SAS or SCSI LVD and expansion module capability (available in second-half CY2008)

PivotStor delivers affordable rack-mount tape libraries that enable organizations to effectively accomplish two critical data protection tasks: fast backup and long-term data archival.

PivotStor AP Series tape libraries provide reliable, automated data protection for organizations that require affordable, unattended data protection, and have outgrown the capabilities of entry-level tape autoloaders. You can quickly, easily and cost-effectively:

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

Built-In Flexibility and Simplicity

PivotStor AP Series rack-mountable tape libraries are available in LTO-3 or LTO-4 models with Fibre Channel, SAS or SCSI LVD connectivity. They come out of the box ready to be installed and connected to either a server or SAN, and all models feature easy-to-use operator control panel (OCP), Web-based remote management user (RMU) interface to:

- execute setup and diagnostics
- check library status, operations and logs
- upgrade firmware
- expansion modules (available second-half of CY2008) to easily scale with growing storage needs; simply add a 4U/48-slot or 8U/96-slot expansion module to existing AP Series tape library

A Configuration for Every Need

AP Series models are available in 2U, 4U or 8U rack-mount configurations. PivotStor automated data protection simplifies the ever-expanding need for business continuity and data retention. It's the essential choice for organizations with requirements that can no longer be managed with direct-attach tape drives.

Model	Tapes	Magazines	Capacity
2U	Up to 24	2	Up to 38.4TB
4U	Up to 48	4	Up to 76.8TB
8U	Up to 96	8	Up to 153.6TB

A Hassle-Free Experience

Mounting hardware, power cords, interface cable and the PivotStor Tape Management CD are included with all AP Series tape library models. Also standard warranty for the TL2000 (2U) and TL4000 (4U) tape libraries is a one-year, PivotAdvance advance replacement limited warranty, and the standard warranty on the TL8000 (8U) Tape Libraries is a one-year, Basic support plan; 9x5 (Mon-Fri), next business day (NBD), on-site hardware service (see BalancedCare Service).



PivotStor AP Series Tape Libraries	AP Series 2U Tape Libraries	AP Series 4U Tape Libraries	AP Series 8U Tape Libraries	AP Series Tape Drive Upg
Configurations	TL2000 Model	TL4000 Model	TL8000 Model	TL7000 Model
LTO-3HH, SAS, 1 Drive	AP-TL2100A (24 slots)	AP-TL4100A (48 slots)	AP-TL8100A (48 slots)	AP-TL7000A
LTO-3HH, SCSI LVD, 1 Drive	AP-TL2101A (24 slots)	AP-TL4101A (48 slots)	AP-TL8107A (96 slots)	AP-TL7001A
LTO-3FH, FC, 1 Drive	AP-TL2102A (24 slots)	AP-TL4102A (48 slots)	AP-TL8101A (48 slots)	AP-TL7002A
LTO-3FH, SCSI LVD, 1 Drive	AP-TL2103A (24 slots)	AP-TL4103A (48 slots)	AP-TL8108A (96 slots)	AP-TL7003A
LTO-4FH, FC, 1 Drive	AP-TL2104A (24 slots)	AP-TL4104A (48 slots)	AP-TL8102A (48 slots)	AP-TL7004A
LTO-4FH, SAS, 1 Drive	AP-TL2105A (24 slots)	AP-TL4105A (48 slots)	AP-TL8109A (96 slots)	AP-TL7005A
LTO-4HH, SAS, 1 Drive	AP-TL2107A (24 slots)	AP-TL8114A (48 slots)	AP-TL8103A (48 slots)	AP-TL7011A
LTO-4FH, SCSI LVD, 1 Drive	AP-TL2106A (24 slots)	AP-TL4106A (48 slots)	AP-TL8110A (96 slots)	AP-TL7006A
LTO-3HH, SAS, 2 Drive	AP-TL2200A (24 slots)	AP-TL4200A (48 slots)	AP-TL8111A (96 slots)	
LTO-3HH, SCSI LVD, 2 Drive	AP-TL2201A (24 slots)	AP-TL4201A (48 slots)	AP-TL8112A (96 slots)	
LTO-3FH, FC, 2 Drive		AP-TL4202A (48 slots)	AP-TL8113A (96 slots)	
LTO-3FH, SCSI LVD, 2 Drive		AP-TL4203A (48 slots)	AP-TL8114A (48 slots)	
LTO-4FH, FC, 2 Drive		AP-TL4204A (48 slots)	AP-TL8115A (96 slots)	
LTO-4HH, SAS, 2 Drive	AP-TL2202A (24 slots)	AP-TL4207A (48 slots)	AP-TL8106A (48 slots)	
LTO-4FH, SCSI LVD, 2 Drive		AP-TL4106A (48 slots)	AP-TL8113A (96 slots)	
			AP-TL8200A (96 slots)	
			AP-TL8201A (96 slots)	
			AP-TL8202A (96 slots)	
			AP-TL8203A (96 slots)	
			AP-TL8204A (96 slots)	
			AP-TL8207A (96 slots)	
			AP-TL8206A (96 slots)	
Maximum # of Drives	2 Half-Height, 1 Full-Height	4 Half-Height, 2 Full-Height	4 Half-Height, 4 Full-Height	NA
Maximum # of Slots	24	48	96	
What is Included with the AP Series Tape Library Unit				
Mounting Hardware and Rail Kit	Yes	Yes	Yes	
Interface Cable	Yes	Yes	Yes	
US & UK Power Cord	Yes	Yes	Yes	
Tape Management CD	Yes	Yes	Yes	
Drive Installed	Yes	Yes	Yes	
Drive Mounting Hardware	NA	NA	NA	Yes
Barcode Reader	Yes	Yes	Yes	NA
Remote Management	Yes - Web Browser	Yes - Web Browser	Yes - Web Browser	NA
Sustained 2:1 Compressed Data Transfer rate (Gbytes per hour)				
LTO-3HH	Up to 432 per drive	Up to 432 per drive	Up to 432 per drive	Up to 432 per drive
LTO-3 and LTO-4HH	Up to 576 per drive	Up to 576 per drive	Up to 576 per drive	Up to 576 per drive
LTO-4	Up to 864 per drive	Up to 864 per drive	Up to 864 per drive	Up to 864 per drive
Supported Backup Software				
BakBone NetVault, CA BrightStor ArcServe, EMC Legato NetWorker, Symantec Backup Exec				
Physical Specifications				
Height (Product/Package)	87.6mm/248mm 3.45"/9.77"	173.3mm/330mm 6.83"/13"	352mm/533mm 13.86"/20.99"	Drive Dependant
Width (Product/Package)	447.5mm/598mm 17.62"/23.55"	444mm/598mm 17.48"/23.55"	480mm/589mm 18.9"/23.19"	Drive Dependant
Length (Product/Package)	740mm/993mm 29.14"/39.1"	804mm/993mm 31.66"/39.1"	806mm/987mm 31.74"/38.86"	Drive Dependant
Weight (Product/Package)	18kg/18.5kg 39.69lbs./40.79lbs.	24.5kg/26.43kg 54.02lbs./58.27lbs.	46.6kg/66.6kg 102.74lbs./146.83lbs.	Drive Dependant
Connectors				
	Fibre Channel Models	SAS Models	SCSI LVD Models	
	(2) LC Optical Fibre	(1) Mini-SAS	(2) HD68	
	(1) RJ-45	(1) RJ-45	(1) RJ-45	
	(1) USB (diagnostic only)	(1) USB (diagnostic only)	(1) USB (diagnostic only)	

PivotStor, LLC
7274 Clairemont Mesa Blvd
San Diego, CA 92111
858.279.7807

Notation on interface support; Fibre Channel (FC) is 4Gb/s, SAS is 3Gb/s, SCSI LVD is either Ultra160 SCSI LVD or Ultra320 SCSI LVD