



# CACHE-A

ARCHIVE APPLIANCES



**LIBRARY24 OPTION**



**LIBRARY48 OPTION**

## LIBRARY24™ and LIBRARY48™ OPTIONS for PRO-CACHE ARCHIVE APPLIANCES

### Includes Cache-A Standard Features

- Easy to Deploy and Use
- Network Attached cross-platform accessibility
- Table-of-contents on every tape
- Built-in searchable database of all of your tapes
- Span archives across multiple cartridges
- Automated archive capability built-in

### Library Features

- 24 cartridge slots – two 12 slot magazines – or – 48 cartridge slots – four 12 slot magazines
- Automated cartridge loading for archiving
  - simply select a tape on the UI web page
- Automated cartridge loading for tape spanning
  - the next blank tape loads itself when needed
- Automated cartridge loading for content retrieval
  - all tapes load for any restore from any search results
- Automatically identify tapes by bar code or each tape's internal table of contents

### System Flexibility

- Concurrent access to both Library and Pro-Cache LTO
  - The LTO drive in the Pro-Cache is always available for reading or archiving shelf-stored content
  - Simultaneously archive or restore with the Library drive

### 4 Models Available

- CA-L4024 LTO-4 Library24 - 19 terabytes
- CA-L5024 LTO-5 Library24 - 36 terabytes
- CA-L4048 LTO-4 Library48 - 38 terabytes
- CA-L5048 LTO-5 Library48 - 72 terabytes

### Automated Archiving Made Easy

Cache-A's automated library options for all Pro-Cache models provide users with a capacity of up to 36 Terabytes for Library24 and 72 Terabytes for Library48 with LTO-5 drives.

This convenient and easy to deploy library option automates cartridge loading for archiving, restoring and cartridge spanning when archiving large projects.

The drive in the Pro-Cache is still available for accessing content on shelf stored cartridges while simultaneously archiving to the library.

### Cache-A's Library options work with any Pro-Cache model to automate archival workflows

- Simple cabling connects the two devices
- Simple configuration and operations retains Cache-A's appliance-like useability
- Plug and play integration into Gb Ethernet networks makes a complete Library's worth of near-line storage accessible to every client on the network



**LIBRARY24  
OPTION shown with PRO-CACHE**



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## LIBRARY OPTIONS FOR ARCHIVE APPLIANCES

### TECHNICAL SPECIFICATIONS

#### Library Option Physical Specs

##### Library24

###### Dimensions

###### Out-of-Box (HxWxD)

- 3.4 x 18.9 x 31.7 in  
(8.7 x 48 x 80.6 cm)

###### Shipping (HxWxD)

- 10.7 x 23.2 x 38.9 in  
(27.1 x 58.9 x 98.7cm)

###### Weight

###### Out of box

- 32.9 lb (14.9 kg)

###### Shipping

- 56.9 lb (25.8 kg)

###### Power 168 Watts (max)

- 100 to 240 VAC,  
50 to 60 Hz, 2.5 Amperes

###### Relative Humidity (non-condensing)

- Operating 20% to 80%  
Shipping 20% to 90%

###### Temperature Range (wet bulb)

- Operating 50° to 95° F (10° to 35° C)  
Shipping -22° to 140° F (-30° to 60° C)

##### Library48

###### Dimensions

###### Out-of-Box (HxWxD)

- 6.9 x 18.9 x 31.7 in  
(17.5 x 48 x 80.6 cm)

###### Shipping (HxWxD)

- 13.7 x 23.2 x 38.9 in  
(34.8 x 58.9 x 98.7cm)

###### Weight

###### Out of box

- 47.2 lbs (21.4 kg)

###### Shipping

- 74.7 lbs (33.9 kg)

#### Library Option Specs

##### LTO Ultrium Tape Drive ATS data transfer rate range (native)

- LTO-5 Ultrium drive 47 to 140 MB/s
- LTO-4 Ultrium drive 35 to 80 MB/s

##### Drive Technology

- LTO-5: HP Ultrium 3000
- LTO-4: HP Ultrium 1760

##### Number of Drives: 1 (one)

##### Number of Slots: 24 or 48

##### Drive Interface

- 6 Gb/sec SAS (3 Gb/sec SAS in Pro-Cache)

##### Maximum Capacity Native

- Library24 – 19.2 TB (LTO-4), 38.4 TB (LTO-5)
- Library48 – 36TB (LTO-4), 72 TB (LTO-5)

##### Maximum Transfer Rate Native

- 504 GB/hr (LTO-5 3000)
- 288 GB/hr (LTO-4 1760)

##### Reliability MSBF (mean swaps between failures)

- 2 Million robot load/unload cycles

##### Reliability MTBF (mean time between failures)

- 100,000 hours (based on 1M MSBF)

##### Average Cartridge Swap Time

(drive to slot, slot to drive)

- 45 seconds

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#### LIBRARY TO PRO-CACHE CONNECTIONS