



# CACHE-A



## A-SERIES ARCHIVE APPLIANCES



### Archiving Made Easy

- **Built-in searchable database of all of your tapes**
  - Prime-Cache remembers every single Cache-A tape it has ever seen
  - Prime-Cache shares its catalog database with all other A-Series decks on the network
- **Automated backup capability built-in**
  - Schedule events to backup any network shared volumes at any time
  - One-time, daily, weekly or monthly events cover your backup needs
- **Span archives across multiple cartridges**
  - Treat a group of tapes as a single entity with a single directory of all content
- **Standard LTO-4 tape TAR compatibility**
  - No special hardware or software needed to read our tapes on any LTO-4 drive
- **Back-Read Quantum LTO-3 A-Series cartridges (option)**

## PRIME-CACHE™ LTO-4A 800GB DATA TAPE DECK

### Direct archive access from any platform

- Simultaneous Multi-User Access
- Volume sharing and FTP built-in
- Windows / MacOS / Unix
- Web page control over all operations
- FTP, Samba, NFS, afp, Bonjour
- USB storage device connection

### Directory on each tape

- Media is portable, shelf-storable, interchangeable
- Directly accessible with no special software
- Self contained, self-describing LTO media

### Easy to Deploy and Use

- Plug and play integration into Gb Ethernet networks
- Integrates seamlessly into file based workflows
- Self-contained appliance is a complete solution
- Lets you treat LTO tape like a NAS

### Content Aware Options

- Keeps media metadata in the directory
- Fully searchable database built-in
- .mxf, .mov and .r3d file type support planned





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## PRIME-CACHE - LTO-4A 800GB DATA TAPE DECK

### TECHNICAL SPECIFICATIONS

#### Prime-Cache System Specs

- IP Services
  - NFS - Unix/Linux
  - SMB/CIFS - Windows
  - afp - MacOS
  - Bonjour / ZeroConf
  - FTP
  - HTTP for status, management, configuration & file transfers
  - "Support-Connect" for full remote service capability
- Sustained Transfer Rate — up to 50 MB/s (large file performance)
- Hard Disk Drive — 1000 GB
- Connectivity
  - GB Ethernet Port
  - USB Ports X 4 (2 front, 2 rear)
  - VGA Monitor, Mouse & Keybd for Maintenance
- Compatibility — GNU or POSIX tar v1.20 or later
- Internal File System — ext3
- Mountable File Systems — usbfs, vfat, msdos, fat32, hsf+, iso9660, ntfs, ext3, reiserfs, xfs, ext, ext2, umsdos, sysv, hpfs
- API — SOAP / XML

#### LTO-4 Drive Specs

- Native Capacity — 800 GB
- Average Access Time — 64 Seconds from BOT
- Average Load Time — 17 Seconds
- Rewind Time — 121 Seconds from EOT
- MTBF — 250,000 Hours
- Uncorrected Error Rate —  $1 \times 10^{17}$

#### Media Specs

- Archival Life — 30 years
- Durability — 5,000 load/unload cycles

#### Physical Specs

- Power
  - 120VAC/240VAC 50/60 Hz
  - 120 Watts
- Dimensions
  - 10.4 in. x 4.4 in. x 9.1 in.
  - 264 mm x 112 mm x 230 mm
- Weight — 13.5 lbs / 6.2 Kg

#### BROUGHT TO YOU BY:



Power Service Gb E 1 Gb E 0  
 Mouse Service USB3 USB5  
 Keyboard Monitor USB4 USB6  
 Tape SAS Adaptor

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