



CACHE-A



A-SERIES ARCHIVE APPLIANCES



Pro-Cache has advanced features for on-set or in-studio demanded by media professionals

- eSATA connections for fast access to direct attached storage
- ExpressCard34 slot for archiving anything from SxS to P2
- SAS connections allows high speed mounts and expansion
- Rack Mountable, sturdy 3RU / half rack chassis

Archiving Made Easy

- **Built-in searchable database of all of your tapes**
 - Pro-Cache remembers every single Cache-A tape it has ever seen
 - Pro-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)**

PRO-CACHE™ LTO-4A 800GB DATA TAPE DECK *with 2 TERABYTES of RAID0 / RAID1*

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, SAS, eSATA, & ExpressCard device connections

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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ARCHIVE APPLIANCES



PRO-CACHE - LTO-4A 800GB DATA TAPE DECK

TECHNICAL SPECIFICATIONS

Pro-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 75MB/s (configured for RAID 0)
- Hard Disk Drive — 1000 GB X 2 – RAID0/1
- Connectivity
 - GB Ethernet Port
 - USB Ports x 6 (2 front, 4 rear)
 - eSATA x 2 (1 std, 1 on SAS)
 - ExpressCard34/54
 - SAS x3 (4 lane connector)
 - 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 — 1×10^{17}

Media Specs

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

Physical Specs

- Power
 - 120VAC/240VAC 50/60 Hz
 - 200 Watts
- Dimensions
 - 5.25 in (3 RU) x 8.5 in x 14 in
 - 133 mm x 216 mm x 356mm
- Weight — 16 lbs / 7.3 Kg



SAS x3 + eSATA x1

ExpressCard34/54

eSATA

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

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