

Avid Unity LANshare LP v.4.2

Affordable Avid Unity™ LANshare LP shared storage systems include both low-cost Ethernet connections for systems using offline resolutions and high-bandwidth Fibre Channel connections for systems using finishing resolutions. A mix of up to 20 editing, graphics, and media management workstations can share media in real time so you never have to swap drives again. This compact system scales easily from 8 TB to 16 TB of storage and offers optional RAID protection for complete peace of mind.



Avid Unity LANshare LP

- Real-time collaborative network for under \$35,000 USMSRP
- Simultaneous, frame-level media access by up to 20 DV25 editors
- Dynamic “workspaces” can be changed on the fly to meet a project’s growing storage needs
- Supports PC- and Mac-based Avid editing systems
- Supports non-Avid workstations for facility-wide access to all media
- Supports Avid Interplay™ media management and administration tools
- Gigabit Ethernet connectivity (up to 20 seats) for DV25 and DV50 media; optional Fibre Channel connectivity (up to 6 seats) for higher resolutions such as Avid DNxHD 220 media or uncompressed 601 SD media
- Digitize from a single deck with immediate access for up to 20 editors
- Educators can monitor the progress of up to 20 students remotely
- Optional media management tools enable secure browser-based search and retrieval, drag-and-drop media transfers, and more

Please visit <http://www.avid.com/profiles> to see the LANshare LP system at work in a wide range of postproduction, broadcast, and education customer environments.

A high-bandwidth, low-profile breakthrough

New low-profile 500 GB disk drives deliver data rates of 170 MB per second and support real-time, dual-stream uncompressed standard-definition (SD) or Avid DNxHD® high-definition (HD) editing.

Store and share multiple resolutions and formats

LANshare LP systems support SD resolutions ranging from 35:1 to 1:1, as well as DV25, DV50, IMX 30/40/50, Avid DNxHD 145, and Avid DNxHD 220 formats. LANshare LP systems also support emerging technologies such as native MPEG and MXF media as well as “tapeless” Panasonic P2, Sony XDCAM, and Ikegami Editcam cameras.

Open to popular third-party applications

LANshare LP systems let facilities create a true collaborative network that supports both Avid and non-Avid media. Editors, graphics designers, animators, and others can create and share a wide range of content over a high-capacity network engineered to handle media.

Support for integrated media management

The LANshare LP system supports a variety of optional media management tools, including the new Avid Interplay nonlinear workflow engine. View media on any licensed desktop. Search, sort, and transfer media between local or remote sites. Extensive logging and shot-listing capability is also available.

Optional UnityRAID media protection

Avid UnityRAID™ goes far beyond common parity RAID schemes. With media protection options that actually accelerate system performance, UnityRAID ensures efficient real-time storage access and helps optimize productivity.

Features

- Supports offline to HD resolutions
- Clients using Gigabit Ethernet:
 - Up to 20 single-stream clients at DV25, or
 - Up to 10 single-stream clients at DV50
- Clients using Fibre Channel:
 - Up to 4 dual-stream clients at Avid DNxHD 145, or
 - Up to 3 dual-stream clients at Avid DNxHD 220 (8- or 10-bit) or 1:1 10-bit SD, or
 - Up to 6 dual-stream clients at 2:1
- Storage capacity: 8 TB standard, expandable to 16 TB
- Real-time support for Avid editing applications via Fibre Channel or Gigabit Ethernet:
 - Avid Instinct™
 - Avid Xpress®, Avid Xpress Pro, Avid Xpress Pro with Avid Mojo®
 - Media Composer®, Media Composer Adrenaline™, Media Composer Adrenaline with the Avid DNxcel™ board
 - Media Composer and Film Composer® (Meridien™)
 - NewsCutter® Adrenaline, NewsCutter XP, NewsCutter Effects
 - Symphony™, Symphony Nitris®
- Support for Windows XP, Windows 2000, and Macintosh OS X
- Support for Avid Interplay workgroup services, AirSpeed®, Avid Archive™, DMS ProEncode™, Nearchive™
- Minimal hardware components—requires only a LANserver LP (all-in-one storage and server unit), Ethernet switch, and (optional) Fibre Channel card(s)
- Portable, compact design is ideal for rentals or remote use
- Open platform support connects all your content creation tools to LANshare LP
- Uses the ultra-reliable Avid Unity MediaNetwork file system for powerful file sharing and system administration
- Click-and-drag to create or resize virtual partitions
- True file-level sharing for all clients
- Full administration and monitoring capabilities
- Optional UnityRAID data protection

System specifications

- Rackmount-ready 3U chassis
- Dual Intel Xeon 3.20 GHz processors
- (16) 500 GB IDE drives (7200 rpm) and (1) 40 GB (7200 rpm) system operation drive
- 2 GB ECC SDRAM
- (3) 350 watt power supplies (2+1 redundant configuration)
- Gigabit Ethernet card
- Internal 8x DVD; 24x CD-ROM drive
- Windows 2003 Server
- SCSI port
- (2) IDE controllers

Gigabit Ethernet configuration

- 16-port copper Gigabit Ethernet switch

Fibre Channel configuration

- (2) 4-Gb dual-channel optical Fibre Channel cards for 4 Fibre ports
- Optional 4-Gb dual-channel optical Fibre Channel card for 2 additional Fibre ports

Options include:

- A mix of Gigabit Ethernet and Fibre Channel-attached clients
- 24-port copper Gigabit Ethernet switch
- 16-port optical Gigabit Ethernet switch
- An external MEDIAArray™ LP for an additional 8 TB (4 TB mirrored) storage capacity

Optional UnityRAID

- Complete media redundancy
- Increases performance by raising data availability and lowering system latency
- “Per Workspace” protection
- Protect/unprotect at any time (even after files are written)
- Protect all files/unprotect all files
- Protect new files only/unprotect new files only

Avid Unity File Manager Software

- AutoRecover feature automatically recovers data on failing drives onto hot spares
- Server-based status, diagnostics, and system tuning applications
- Local or remote dial-in access
- Automatic dial-out status change/error notification
- Integration with ScheduALL resource management software

Avid Unity Administration Tool

- Allocation Groups (disk sets): define, increase, or redefine without interrupting operations
- Dynamic on-the-fly storage allocation through FlexDrive
- Add and remove drives at any time without system interruption
- Users: view, create, edit, delete, assign passwords
- Workspaces: create, view, rename, move, delete, protect/unprotect, optimize, duplicate, increase/decrease size
- User Workspace access: none/read only/read and write
- Log tab: errors, warnings, informational messages
- Monitoring: user status, Workspace status, comprehensive event log, read and write bandwidth usage
- Configuration Assistant: automatically set up available drives
- Replace, recreate, and recover failed drives

Avid Unity Monitor Tool

- Total system bandwidth usage
- Active clients
- Bandwidth usage per client
- Error notification

Avid Total Services

Avid Total Services include expert training, consulting and 24-hour support. To learn more about Avid Total Services, please visit: www.avid.com/services.

To learn more—visit www.avid.com/unitylanshare

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