

Avid Unity LANshare EX v.4.0



Maximize the return on investment in your facility with an affordable, scalable Avid Unity™ LANshare EX media network. Connect up to 20 systems—editing workstations, graphics workstations, and media management workstations—to this compact, expandable 4 TB storage system with optional RAID protection.

Avid Unity LANshare EX

- Real-time collaborative workflow technology for under \$25,000 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
- Support for graphics workstations for facility-wide access to all media
- Support for collaboration between PC- and Mac-based Avid editing systems
- Gigabit Ethernet connectivity (up to 20 seats) for DV25 and DV50 media; optional Fibre Channel connectivity (up to 6 seats) for uncompressed 601 SD and Avid DNxHD 145 media
- Digitize from one deck with immediate access to up to 20 editors
- Educators can monitor the editing progress of 20 students remotely
- Optional MediaManager enables simple, password protected browser-based media management
- Optional TransferManager connects multiple LANshare EX systems for drag-and-drop media transfers

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

Engineered for media bandwidth requirements

The disk drives in a LANshare EX system are designed for maximum storage and bandwidth, supporting real-time, dual-stream uncompressed standard-definition (SD) or Avid DNxHD™ high-definition (HD) editing.

Support for multiple resolutions and formats

LANshare EX systems support multiple resolutions from 35:1 all the way up to 1:1 SD including DV25, DV50, IMX 30/40/50, SD, and Avid DNxHD 145. Support for native MPEG and MXF media as well as for “tapeless” Panasonic P2, Sony XDCAM, and Ikegami Editcam cameras ensure compatibility with emerging technologies.

Optional asset management

Every item stored on the LANshare EX system can be automatically catalogued and indexed by MediaManager. View media on any licensed desktop via a standard Web browser. Search, sort, and drag-and-drop media in local or remote sites. Extensive logging and shot-listing capability is included with the MediaManager Select option.

Optional patented UnityRAID media protection

Avid UnityRAID™ goes far beyond common parity RAID schemes. Providing flexible media protection options and actually accelerating system performance for efficient real-time storage access, UnityRAID helps optimize productivity.

Proven technology that keeps you ahead

Thousands of video production and broadcast facilities worldwide rely on fourth-generation LANshare EX systems for fast, efficient nonlinear workflows. Continued innovation, new features, increased functionality, and a commitment to reliability ensure that our customers stay competitive.



Features

- Supports all resolutions, from DV to HD
- Clients using Gigabit Ethernet:
 - Up to 20 single stream total clients at DV25, or
 - Up to 10 single stream total clients at DV50
- Clients using Fibre Channel:
 - Up to 3 dual stream total clients at Avid DNxHD 145, or
 - Up to 2 dual stream total clients at 1:1 10-bit SD, or
 - Up to 5 dual stream total clients at 2:1
- Storage capacity: 4 TB standard, expandable to 6.88 TB
- OPTIONAL UnityRAID (0+1) data protection
- Workgroups productivity tools support:
 - OPTIONAL Avid Unity MediaManager
 - OPTIONAL TransferManager included
 - OPTIONAL DMS and Neararchive™
- Minimal hardware components—requires only a LANserver EX (all-in-one storage and server unit), Ethernet switch, and (optional) Fibre Channel card(s)
- Portable, compact design makes LANshare EX ideal for remote use
- Open platform support connects your other tools to LANshare EX
- Support for ABVB-, Meridien™-, Avid Adrenaline™-, and Avid Mojo®-based Avid editing applications on Windows XP, Windows 2000, Macintosh OS X, OS 9, and OS 8.6 (Note: Windows NT clients supported on Avid Unity LANshare v.3.5.3 and earlier)
- Uses the standard ultra-reliable Avid Unity MediaNetwork file system for powerful file sharing and straightforward system administration
- Click-and-drag to create or resize virtual partitions
- True file-level sharing for all clients
- Full administration and monitoring capabilities

System specifications

LANserver EX 4U rackmount chassis

- 4 TB of storage (16 x 250 GB drives), expandable to 6.88 TB
 - Equivalent of 150 hours fully protected DV25
 - Expandable to more than 500 hours unprotected DV25
- Additional 80 GB internal system drive
- Gigabit Ethernet Network Interface Card (NIC)
- Optional 2 Gb Optical Dual Channel Fibre Channel Controllers for 2, 4, or 6 Fibre ports
- Dual Intel Xeon 2.80 GHz Processors and 2 GB SDRAM
- Internal 8x DVD; 24x CD-ROM drive
- Software (Avid Unity client software, product recovery CD) and documentation
- Dongle with client licenses (basic configuration 4 Ethernet or 4 Fibre Channel; expands up to 20 Ethernet clients or 6 Fibre Channel clients)
- Optional UnityRAID for LANshare
- Networking (depending on config):
 - Gig-E (Copper) & Fibre Client Support: Asante 16-port 1000Base-T Ethernet switch and a 3m CAT-5 RJ45 to RJ45 cable OR
 - Gigabit Ethernet (Optical) and Fibre Client Support: Asante 16-port 1000Base-T Ethernet switch and a 3m CAT-5 RJ45 to RJ45 cable
 - Cisco 3750 Gigabit Ethernet switch optionally available

Optional MediaManager server

- Intel SR2400 server
- Dual Intel Xeon 3.2 GHz processors with 1 MB L2 cache
- (2) 73 GB internal drives that can be set up in a RAID 1 configuration for redundancy
- 2 GB RAM
- Three USB 2.0 ports
- Dual copper Gigabit Ethernet card
- DVD/CD-R Slimline drive
- Keyboard and mouse
- Windows 2000 server operating system
- Single channel ATTO 3300 Fibre Channel host adapter
- Microsoft SQL Server

Optional TransferManager workgroup server

- Intel SR2400 server
- Dual Intel Xeon 3.2 GHz processors with 1 MB L2 cache
- (1) 73 GB internal drive
- 1 GB RAM
- Three USB2.0 ports
- Dual copper Gigabit Ethernet ports
- DVD/CD-R Slimline drive
- Keyboard and mouse
- Windows 2000 Professional operating system
- Single channel ATTO 3300 Fibre Channel host adapter (optional)

System specifications subject to change.

Avid services, support, and training

Avid Assurance is standard. Training, professional services, and 24-hour support are recommended options.

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

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