



Avid NEXIS | PRO

Proven. Real-time Collaboration. For Everyone.



Get the industry-proven performance and reliability of Avid® shared storage in a more affordable entry-level professional system designed for independent editors, audio post pros, and smaller post-production houses. Avid NEXIS™ | PRO offers real-time editorial collaboration and the high-speed bandwidth you need to accelerate any media workflow, without requiring you to be an IT expert to set up and manage the system. Plus, get peace of mind—no matter how challenging the production or schedule—with the advanced file management system, enabling you to work the way you want, with both Avid and third-party systems, and attain the trusted data protection, flexibility, and scalability only Avid can deliver.

Bring value to your editorial workflow

How safe is your media? Are you constantly unplugging and re-plugging in drives to share assets across multiple workstations? What can you do to maximize your efficiency and get more of the work you want? By adding affordable NEXIS | PRO shared storage to your workflow, you can safeguard your media, connect up to 24 workstations simultaneously, use your favorite editing and asset management tools, and collaborate in real time to accelerate production and deliver your best work—on time and on budget. It's the most cost-effective investment you can make to grow your business—and reputation.

Use Premiere, Final Cut, and other third-party products

No need to ditch your favorite editing and asset management tools to accelerate your workflow. NEXIS | PRO enables real-time editorial collaboration using what you have, whether you edit in Adobe Premiere, Apple Final Cut Pro, or Media Composer®. And it's easy to integrate with third-party asset management systems too.

Experience the Avid advantage

While you don't need an Avid product to use NEXIS | PRO, you gain several benefits if you do. With Media Composer, you can share bins and projects with other Media Composer editors to collaborate on sequences, so you don't have to copy files or start from scratch. If you're working on video projects in Pro Tools®, you can store audio and video on NEXIS | PRO to protect and optimize your media. NEXIS | PRO delivers the best performance, efficiency, and reliability when used with Media Composer and Pro Tools.

Get real protection you can rely on

Protect your media with storage trusted by an industry. With its high-quality hardware and patented data distribution and redistribution technology, NEXIS | PRO protects your data like no other, safeguarding your media in the event that one or even two drives go down, enabling you to retain real-time

performance, with automatic drive rebuild. And because the file protection system is media-aware, rebuilding only your actual stored assets instead of the entire capacity of the disk, bit-for-bit, repair times are radically faster—especially when drives aren't at full capacity.

Experience exceptional performance

NEXIS | PRO empowers every contributor across the entire production, enabling projects to move in parallel and be completed faster. Through patented technology, NEXIS | PRO ensures client media due times, delivering incomparable, predictable performance and more media streams per Storage Engine in even the most editing-intensive environments. And you can quadruple your bandwidth—from 300 MB/s up to 1,200 MB/s—by employing up to four Engines.

Scale your system as your business grows

Why add more storage islands to your sea of media? With NEXIS | PRO, you can expand your raw storage capacity from 20 TB up to 80 TB, in 20 TB increments, adding extra Storage Engines as needed. Connect up to four Engines together for maximum capacity and bandwidth, enabling you to keep your valuable assets protected, available, and within easy reach through a centralized media hub.

Collaborate in real time

NEXIS | PRO puts an end to the storage sharing and media copying shuffle of using individual USB, FireWire, eSATA, and Thunderbolt drives, allowing up to 24 editors, assistants, loggers, and other contributors to access media at the same time. It's the only online shared storage system that provides a scalable, highly protected, real-time collaborative editorial workflow at an attractive low price point.

For more information, visit www.avid.com/NEXISPRO

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Access and share high-res, HD, and other media

With support for real-time SD, HD, 2K, and 4K media performance, NEXIS | PRO is the ideal hub for the modern yet budget-minded media production workflow. And when you need more throughput power to support the most demanding high-resolution projects and collaborations, you can increase bandwidth up to 1,200 MB/s by adding more Storage Engines.

Specifications

NEXIS | PRO STORAGE ENGINE

- 20 TB of storage capacity with a single Media Pack per engine (20 TB, offering up to 400 MB/s of bandwidth)
- Scalable from 20–80 TB by combining one to four PRO engines together (cannot be mixed with E-class NEXIS engines)
- Rackmount-ready; 2U rack height
- Field replaceable Storage Controller, power supplies (2), and fans
- Redundant, hot-swappable SSDs for system configuration and metadata management

DIMENSIONS

- Width (mounting): 19 in (483 mm); IEC rack compliant
- Height: 3.5 in (88.9 mm)
- Depth: 24.8 in (630 mm)
- Max weight (shipping): 57.2 lb (26 kg) with drives

NETWORK SWITCHING

Works with the following switches (not included):

- NETGEAR XS712T
- Dell Networking N2024, N3024, S4810, S4820
- Cisco 4948E

AVID NEXIS | FS FILE SYSTEM

- 64-bit self-balancing, distributed file system
- Intelligent distribution/redistribution of media
- Optimized for media editing and playback
- Two drive failure protection, with media-aware drive rebuilds
- Internal System Director metadata management

ADMINISTRATION TOOLS

- Dynamic workspace set-up and monitoring
- FlexDrive dynamically adjusts storage workspaces without editing interruption
- User administration: View, create, define workgroups, and delete and assign passwords
 - Active Directory (LDAP) integration for user account synchronization with IT systems
 - User workspace access controls
- Error warning and informational logging
- Monitoring: User status, workspace status, comprehensive event log, read and write bandwidth usage
- Remote notification of system events

Get expert help whenever, wherever, and however you need it

When your reputation and business are on the line, our Customer Care team can bring you peace of mind. Get troubleshooting help, advice, and more with access to professional Avid Advantage Support, available through an annual subscription or on a per-incident basis. Whether your system isn't working as expected or you want extra assurance and support on call throughout the production of a major project, we're here to help.

ENVIRONMENTAL

- Operating temperature: 5°C to 40°C (35°C max. above 2,000 meters)
- Non-operating temperature: -40°C to 60°C
- Relative humidity (operating): 20% to 80% non-condensing
- Maximum power consumption: 764W
- Average power consumption: 380W

PLATFORM SUPPORT

Client operating systems

- Windows 8 (64-bit)
- Windows 7 (64-bit)
- Mac OS X 10.10 Yosemite (64-bit)
- Mac OS X 10.9 Mavericks (64-bit)
- Mac OS X 10.8 Mountain Lion (64-bit)

Client network connections

- 1 Gigabit Ethernet
- Dual Gigabit Ethernet
- 10 Gigabit Ethernet
- Dual 10 Gigabit Ethernet

Collaboration

- Files/folders: 3 million
- User accounts: 5,000
- User groups: 1,000

Supported Avid products

- Media Composer
- Media Composer | Symphony® Option
- Media Composer | NewsCutter® Option
- Pro Tools

Supported third-party editing

- Adobe Premiere Pro CC
- Apple Final Cut Pro X
- Grass Valley EDIUS
- Blackmagic Design DaVinci Resolve

AVID ADVANTAGE SUPPORT

- Available through a monthly or annual subscription to Avid Support

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For more information, visit www.avid.com/NEXISPRO