



Avid NEXIS | PRO

Proven. Real-time Collaboration. For Everyone.



Get the performance and reliability of Avid NEXIS® in a more affordable shared storage system designed for small video or audio production teams. Avid NEXIS | PRO offers real-time collaboration to accelerate your media workflow. Find and share media fast. Adapt workspace capacity, performance, and protection as requirements change. And get the same secure and reliable workflows trusted by an industry.

ENABLE CREATIVE COLLABORATION

With the increasing demand for more content in shorter timeframes, Avid NEXIS | PRO enables you to connect your team, share media and sequences, and work together on the same projects in real time. Without fear of accidentally overwriting someone else's work. Gain more time to spend focusing on telling a great story—and less time searching for and shuttling media. And put the “flow” back in your workflow with the ability to connect up to 24 contributors simultaneously.

EXPERIENCE EXCEPTIONAL PERFORMANCE

Production schedules are unpredictable. Can one system really change the possibilities of what you can achieve? Absolutely. With its advanced architecture, intelligent file system, high bandwidth, and automation abilities, Avid NEXIS | PRO delivers unrivaled media performance with scalable bandwidth, enabling projects to move in parallel, so you can turn around more projects faster. No matter what editing and media asset management tools you use.

GET THE RELIABILITY YOU NEED

When your reputation and business are on the line, Avid NEXIS | PRO protects and secures your data like no other. The system is built on the same technology trusted by thousands of top broadcasters and post-production studios. From its bulletproof security privileges, to fail-safe disk protection with automatic drive rebuild, you can rest assured that your content is safe. And should you need it, tech experts are available around the clock to help.

BRING VALUE TO YOUR BUSINESS

Find the footage you need quickly. Eliminate the constant drive swapping when sharing files. Turn around projects faster and get more work. Powered by its unique Avid NEXIS | FS file system, Avid NEXIS | PRO makes it easy to manage and share media and collaborate in real time, so you can accelerate production. Deliver your best work—on time and on budget. It's the smartest way to streamline your entire workflow.

BOOST YOUR BANDWIDTH

Need more power for 4K/UHD, color grading, and finishing workflows? With new high-performance storage groups that deliver up to an astounding 600 MB/s of bandwidth per Media Pack (up from 400 MB/s), you gain up to a 50% increase in performance so you can get more done—faster. Connect up to four Avid NEXIS | PRO engines together and you can boost performance with up to 2.4 GB/s of bandwidth.

SCALE YOUR SYSTEM AS YOUR BUSINESS GROWS

Why add more storage islands to your sea of media? With Avid NEXIS | PRO, you can expand your raw storage capacity from 40 TB up to now 160 TB. Connect up to four Avid NEXIS | PRO engines together for maximum capacity and bandwidth. Your valuable assets will be protected, available, and within easy reach through a centralized media hub.

RAMP UP PRODUCTION

With the increase in bandwidth speed, you can create and deliver higher volumes of high-res content more easily. Play back over 27 streams of DNxHR-encoded 4K media at high quality when running four Avid NEXIS | PRO engines to support even the most bandwidth-intensive workflows. Or enable 130 streams of DNxHR-LB-encoded 4K media.

CONNECT PRO TOOLS TEAMS TOGETHER

With support for Pro Tools, audio teams can connect into the industry's most efficient media production environment, share projects, and collaborate, eliminating the time wasted moving files between systems while speeding up turnaround time. It's ideal for using across a number of audio-only and audio/video workflows, specifically for small to mid-sized audio post production.

ADAPT QUICKLY TO UNPREDICTABLE CHANGES

When projects or business needs change, Avid NEXIS | PRO can be flexibly reconfigured on the fly without impacting production. Intuitive software tools enable you to reallocate bandwidth, add or remove storage capacity, dynamically resize workspaces, and increase or decrease media protection quickly—all without any downtime or impact to teams.

GET EXPERT HELP WHEN YOU NEED IT

When things don't go as expected, our Customer Care team can bring you peace of mind. Get troubleshooting help, advice, and more with access to professional Avid Support, available through an annual subscription or on a per-incident basis. Whether you have a technical issue or want support on-call for the duration of a major project, we're here to help.

FOR MORE INFORMATION, VISIT
avid.com/NEXISPRO

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SPECIFICATIONS

AVID NEXIS | PRO STORAGE ENGINE

- 40 TB of storage capacity with a single Media Pack per engine (offering up to 600 MB/s of bandwidth)
- Scalable from 40–160 TB by combining one to four Avid NEXIS | 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
- 10GbE network connection; SR (Short Range), LR (Long Range), and direct attach copper connectivity options

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, XS716T
- Dell Networking N2024, N3024, S4810, S4820, S4048-ON
- Cisco 4948E, 4900M, 4500-X

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; optional one drive protection
- 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

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 10, 8, and 7 (64-bit)
- macOS 10.13, 10.12, 10.11, and 10.10 (64-bit)
- Red Hat Linux 6.5
- CentOS 7.3

Client network connections

- 1 Gigabit Ethernet (single or dual)
- 10 Gigabit Ethernet (single or dual)

Collaboration

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

Supported Avid products

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

Supported third-party editing

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

AVID NEXIS | PRO



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