



Media Composer Nitris DX

High-performance film and video editing, capture,
monitoring, and output



When you edit high-profile films, TV shows, or commercials for a living, you need a system that gives you the speed, flexibility, capacity, and confidence to take on anything. With Avid® Media Composer® Nitris® DX, you can capture a variety of digital and analog material, work with native file-based material, enjoy real-time monitoring, and experience the most responsive SD and HD video editing system available.

"I don't know anyone doing \$200 million dollar movies who is not cutting on a Media Composer system. At this level, where there's so much at stake, everyone uses it."

Roger Barton

Editor, Transformers: Revenge of the Fallen

Designed for Performance

Media Composer tightly integrates the Nitris DX hardware with your host computer's CPU and GPU, giving you a single high-bandwidth effects engine that delivers without compromise, no matter what formats and codecs you use. Gain more performance with Nitris DX thin raster support and onboard 10-bit Avid DNxHD® encoding and decoding, so you can edit HD projects with incredible beauty and speed.



Easy In, Easy Out

With Nitris DX, you can easily capture, monitor, and output material using a wide range of analog and digital connections for all your video and audio needs. Connect to cameras, decks, and other devices through SDI, component video, composite video, and S-Video connections, making video capture and playback easy. Bring high-quality audio into your pipeline for editing through AES/EBU, SDI, XLR, ADAT, S/PDIF, and other audio connections. And get full resolution HD monitoring through HDMI.

Films

Whether you're working on feature films, independent movies, or documentaries, Media Composer Nitris DX brings storytelling to the cutting edge. Gain real-time HD editing and mastering picture quality with built-in Avid DNxHD encoding and decoding. Find the best takes fast with ScriptSync®. Never lose sight of assets thanks to rock-solid media management. Tweak colors and get the look you want through advanced color correction. Collaboratively shape the story as a team through seamless Avid Unity™ integration. And gain real-time monitoring in stunning HD.

TV Shows and Commercials

For scripted television shows, reality TV, and high-profile commercials, Media Composer Nitris DX gives you the reliability and stability you need in the fast-paced broadcast world. Capture footage from analog or digital sources and sort through the hodgepodge of material and takes to shape the best stories. Quickly cut sequences with razor precision to frame the defining moments. And instantly access and edit RED, QuickTime (including ProRes), XDCAM, P2, and other tapeless media directly with AMA (Avid Media Access) for the fastest project turnarounds.

Media Composer Nitris DX – High-Performance, Professional Film and Video Editing



Media Composer Key Features

- Accelerate your cuts with ultra-accurate editing tools
- Mix formats, frame rates, resolutions, and more in the same timeline
- Access and edit RED, QuickTime (including ProRes), XDCAM, P2, GFCAM and other file-based media directly with AMA
- Find the best takes fast with ScriptSync
- Get real-time HD editing, in mastering picture quality, with Avid DNxHD
- Finish projects in-house with full 4:4:4 HD-RGB colorspace support
- Never lose media with the industry's most reliable media management
- Work with 3D stereoscopic and single-frame image files with MetaFuze®
- Share projects and media for deadline-driven, real-time collaboration
- Get the look, effects, and quality you want with powerful production tools
- Deliver optimized content for the web or on DVD or Blu-ray Disc

Nitris DX Connectivity

- Digital Video: SDI I/O (SD, HD), Dual-Link HD-SDI for 4:4:4 capture
- Analog Video: Component I/O (YCbCr: SD, HD), S-Video I/O (SD), Composite I/O (SD)
- Digital Audio: 8 channels of AES/EBU I/O (on DB25 connector), 8 channels of embedded SD-SDI audio I/O, 16 channels of embedded HD-SDI audio I/O, 8 channels of optical ADAT I/O, 2 channels of optical S/PDIF I/O
- Analog Audio: 4 channels of balanced XLR I/O, 2 channels of RCA audio input, 2 channels of 1/4" TRS output, stereo headphone output (1/4" TRS)
- Monitoring: HDMI output (all rates supported, including full 1920 x 1080 HD)
- Timecode and Sync: LTC (XLR I/O), Reference Sync (Black and Burst or HD TriLevel input, combined connector), Reference Sync loop-through, Word Clock (output only)

Supported Media Formats and Resolutions*

- AVC-Intra, AVCCAM, AVCHD, Avid DNxHD, Canon XF, DV, DV25, DV50, DVCAM, DVCPRO, DVCPRO50, DVCPRO HD, GFCAM, HD-RGB (709), HDV, NTSC, NXCAM, P2, PAL, QuickTime (including ProRes), RED (.R3D), Stereoscopic (via MetaFuze), uncompressed SD, uncompressed HD, VC-1, XDCAM, XDCAM EX, XDCAM HD

* For complete specifications, visit www.avid.com/mc and select Media Composer Nitris DX.

What's Included

Hardware

- Nitris DX – High-performance analog and digital I/O interface
- PCIe Host Interface Board – Connects Nitris DX to your computer

Avid Software

- Media Composer – Edit SD and HD video
- EDL Manager – Export timecode metadata
- FilmScribe™ – Export film metadata
- Interplay® Transfer (standalone version) – Transfer media and metadata to Interplay
- Log Exchange – Convert shot logs into ALE files
- MediaLog™ – Manage logging and metadata
- MetaFuze – Convert stereoscopic, DPX, and other single-frame formats (Windows only, native and emulated)
- MetaSync® Manager – Create objects for interactive programming

Production Suite

- Avid DVD by Sonic® – Author DVDs and Blu-Ray Discs quickly and easily (Windows only)
- Avid FX – Create dazzling 2D and 3D composites, titles, animation, and effects
- Boris Continuum Complete – Get the look you want with a huge library of effects and transitions
- SmartSound Sonicfire Pro – Generate music soundtracks effortlessly through customizable music tracks
- Sorenson Squeeze – Encode, optimize, and deliver high-quality content for the web or DVD

For more information visit www.avid.com/mc

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