



Media Composer Mojo DX



Hardware y software integrado para la edición de material de video y cine multiformato

Actualmente, hay que encontrar un equilibrio entre la calidad, el coste y la fecha de entrega. La nueva solución Media Composer Mojo DX combina el conjunto completo de herramientas de edición de material de vídeo y cine de Media Composer con el nuevo hardware Avid Mojo DX, para que el usuario tenga todas las ventajas de ambos. Puede ahorrar tiempo y aumentar la calidad con las funciones de edición de material XDCAM-HD y P2 nativo y la arquitectura de efectos en tiempo real, combinadas con el nuevo Media Composer Mojo DX. Creación de material para DVD, Blu-ray e Internet. Además, el usuario siempre puede contar con la asistencia y experiencia de la comunidad internacional de Avid.

Integración acelerada: Arquitectura de efectos Avid Mojo DX

La nueva arquitectura Avid Mojo DX integra el chip de gráficos host, varios núcleos de CPU y el hardware de E/S de PCI Express en un único motor de efectos de alto rendimiento y gran ancho de banda. La arquitectura se optimiza para ofrecer una edición de respuesta en tiempo real utilizando la última generación de códecs HD, incluidos HDV, XDCAM-HD, AVC-I y Avid DNxHD. Todo ello en un sistema de producción de efectos multiproceso diseñado para aprovechar al máximo los recursos de la GPU y la CPU host.

Edición profesional

Una buena edición depende de la rapidez, flexibilidad y facilidad de uso de las herramientas; una administración integrada del contenido y una conformación avanzada permiten que el usuario se centre en su trabajo, crear una buena historia. La tecnología de línea de tiempo abierta de Avid permite al usuario combinar formatos e ideas, con edición y reproducción en tiempo real de diferentes resoluciones SD y HD.

Integración perfecta en cualquier proceso de trabajo

La integración de formatos P2, XDCAM-HD y HDV nativos permite al usuario centrarse en la edición, en lugar de perder el tiempo introduciendo y extrayendo contenido en el sistema. El códec Avid DNxHD36 es la solución perfecta para trabajar con material HD offline. ¿Necesita crear material en DVD, Blu-ray o para Internet? El software incluye las herramientas Sorenson Squeeze y Avid DVD de Sonic (sólo PC) para la creación de material final multiformato.

Diseñado para colaborar

Es posible compartir material, proyectos e ideas para aprovechar al máximo los recursos y los conocimientos de todo el personal. Media Composer se integra directamente con las soluciones de almacenamiento compartido Avid Unity y el motor de proceso de trabajo no lineal Avid Interplay, para permitir una colaboración en tiempo real en todos los niveles.

Consiga el aspecto, la calidad y los efectos deseados

El usuario puede hacer que diferentes tomas tengan un aspecto uniforme con el conjunto de herramientas de corrección de color de Avid, el estándar del sector. Trabaje en HD de alta calidad con Avid DNxHD. Vaya todavía más allá gracias a la generación de keys SpectraMatte, los efectos de tiempo Fluid Motion, Boris Continuum Complete y una amplia gama de módulos adicionales AVX2 de terceras partes.

Una comunidad global

Los foros de Avid le pondrán en contacto con otros editores. Una amplia gama de programas de formación y asistencia que se adaptan a sus necesidades y su presupuesto le permitirán destacar en el sector. En nuestras comunidades online de usuarios y profesionales del mundo podrá obtener ayuda, recomendaciones y asistencia.

Media Composer Mojo DX - Features

What's new in Media Composer Mojo DX*

- New I/O hardware for SD and HD, with SD/HD SDI I/O and HDMI monitoring
- Support for Mac OSX Leopard and Windows Vista
- Additional HD codec support, such as Sony XDCAM-EX (using the Sony Clip Browser software), Panasonic AVC-I, JVC 23.976p & 25p HDV
- Real-time playback of non-full-raster HD codecs (such as 720p) through video output
- Improved timeline responsiveness
- Improved real-time effect performance with optimized CPU/GPU acceleration
- Improved render performance with optimized multi-threading on multi-core CPU's
- MetaFuze tool, for quickly merging single-frame files (such as DPX and TIF) from film scanning or CGI systems into a single media clip (Windows only)
- Real-time multi-window timecode burn-in tool
- SubCap subtitling tool

Editing done right

- **Editing interface**
Edit faster with the most efficient, accurate and flexible editing interface available, and a very responsive timeline. Work the way you want with the mouse, screen buttons or keyboard shortcuts. With full customization to speed things up further. Enjoy fast system response through the tight integration of CPU, GPU and Avid Mojo DX hardware.
- **Trimming tools**
Avid's powerful trimming tools are legendary and unsurpassed. Trim transitions with total flexibility: With the mouse, on-the-fly or nudge frame-by-frame. Slip and slide clips with a comprehensive two, four or six-frame display.
- **Script based editing**
Take the work out of editing of scripted or transcript based productions. With ScriptSync, dailies are phonetically synced to the script automatically, so lining up dailies to the script takes minutes, not hours.
- **Open Timeline**
Multi-format editing in real-time, mixing SD and HD, without rendering or transcoding. Mix SD and HD, online and offline. Play any mix of resolutions in the same timebase in real-time via the SDI outputs.

- **Media management**
The most reliable and accurate media management available. Don't worry about losing media or render files; the software keeps track of everything. It even allows sequences to relink to multiple.
- **Database management**
Create custom metadata fields to track your material the way you want. Use multi-level sort and sift to find information far beyond the reach of OS-level searches.

Seamless integration into any workflow

- **Total Conform**
Create the most streamlined offline/online workflow by opening your projects and media in other Avid editors such as Avid Media Composer and Avid Symphony. Every media clip, edit and effect is directly available, so start the online without any delay.
- **Native HD codec support**
Flexible native support for a large variety of HD codecs: HDV, XDCAM-HD, XDCAM-EX, DVCPRO HD and AVC-I, in progressive 720p, 1080p and interlaced formats. No need to transcode, edit in real-time even when mixing codecs.
- **HD offline with DNxHD36**
Get the best possible picture quality at the lowest possible data rate by capturing your progressive HD material in Avid's DNxHD36 codec for offline HD editing, for a screening-quality full-raster version of your edits.
- **File-based workflows**
Save time and retain quality, using a tapeless workflow. Transfer P2 and XDCAM files directly from disk or card, or play directly from P2 cards. Edit the media in its native format and write back directly to the disk or card.
- **Film editing tools**
Use the award-winning Avid Film Composer toolset for the most powerful and accurate film workflow. Save time with automatic syncing of audio and video and seamless tracking of timecode, KeyKode and other metadata.
- **Timecode and subtitling creation**
Speed up any online or audio post workflow by creating an on-screen timecode display in real-time. Use the SubCap tool to deliver open-caption subtitling deliverables, with import and export of EBU-N19 formats.

The perfect choice for collaboration

- **Shared media**
With Avid Unity media networks, sharing media means true collaboration at any scale. Multiple editors can not only play the same file, they can even capture to the same volume simultaneously.
- **Performance and reliability**
Engineered for deadline-driven, real-time collaboration, Avid Unity media networks combine high-performance hardware and software in a family of integrated, turnkey solutions-all backed and supported by a single, trusted source.
- **Shared projects and bins**
For true efficiency when working together, bins are not linked to a specific project or user. Open bins from another project in your current project, without making a copy. Give other editors access to your bins, even while you are still using them.
- **User settings**
Take all your user settings with you when you move from one Avid system to another, even from an offline to an online or finishing system. All our shortcuts, keyboard and screen customization are there for you to use, so you will be up and running in no time.
- **Remote Play and Capture**
Use your editing systems as networked playback and recording devices with the Remote Play and Capture features, for example with live studio or outside broadcast events. Save time by eliminating the need to capture after the event.
- **Interplay support**
Bring collaboration to the next level with support for Avid Interplay nonlinear workflow engine. Add sophisticated multi-contributor asset management, multi-resolution workflows, rules-based transcoding and other tools for facility-wide collaboration.

Get the look, effects, and quality you envision

- **Color Correction**
Save time and maintain quality with a fully integrated 10-bit color correction toolset. Only Avid offers NaturalMatch to quickly and accurately match shots. Or use the large palette of easy-to-use manual tools for corrective or creative adjustments.
- **FluidMotion**
Create incredibly smooth slow-motion effects and "fit-to-fill" video using Avid's patented pixel morphing technology. Apply the look of progressive film to interlaced video material with the exclusive FluidFilm feature.
- **SpectraMatte**
Create a high-quality key, even with compressed HD codec material. Eliminate guess work and get the perfect key using the interactive environment. Play back your keys in online quality in real-time with 16-bit SpectraGraph technology.
- **Effect performance**
Get the best real-time multi-layer effect performance using Avid's advanced effect acceleration, leveraging the CPU and GPU (graphics card), tightly integrated with the Avid Mojo DX hardware, as well as optimized multi-threading technology on multi-core CPU's.
- **Avid DNxHD support**
Get the beauty of HD without the bandwidth. Avid's DNxHD codec is designed for multi-generation postproduction work.
- **Uncompressed HD**
For the ultimate in quality, capture your HD material in 10-bit uncompressed HD format. Edit, create effects and playback your final version, all in real-time. Whatever quality your project requires, your system can deliver.

With Avid, you are not alone

- **Avid's market leadership**
Avid knows about professional content creation. We have been in this industry over 20 years, and more TV and film production are created using Avid's tools than any other company.
- **Avid's industry focus**
Avid is focused on the people and enterprises that make, manage, and move media. We are dedicated to creating innovative products and solutions that help professionals in this industry do their jobs more efficiently and to the highest quality.
- **Editor availability**
There are tens of thousands Avid editors available all over the world, and they are widely considered the best in the industry. So it is always easy to find a freelancer, a new staff member or simply a fellow editor.
- **Support**
Avid offers a comprehensive range of support programs, to fit your needs and budget. Whether is it free web-based support, a facility-wide support contract or installation services, we have the solution for you.
- **Training**
Avid knows that training is vital to get the best out of your system. That is why we offer a range of training and certification options, ranging from training books, online courses and classroom tuition, as well as customized training programs.
- **User communities**
Talk to your fellows editors. Get advice from Avid staff. Stay up-to-date regarding the latest developments. Avid offers a huge number of dedicated web-based communities and forums, and actively supports many user groups all over the world.

Media Composer Mojo DX - Specifications

What's in the box

Software

Avid Media Composer
Avid MediaLog
Avid Log Exchange
Avid FilmScribe
Avid EDL Manager
Avid MetaSync Manager
Avid MetaFuze (Windows only)
Avid Interplay Transfer (standalone version)

Third-party bundled software

Avid DVD by Sonic - Industry-leading DVD authoring (Windows only)
Boris Continuum AVX - Comprehensive library of customizable video filters and transitions
Sorenson Squeeze - Multimedia export with customizable compression templates
SmartSound SonicFire Pro - Automated music track creation

Hardware

Avid Mojo DX
PCIe Host Interface Board
USB application key (dongle)
Keycaps labels

Documentation

Basics Guide
Advanced Effects Guide
Avid Resource Guide

Platform support

Qualified operating systems

Mac OS X 10.5.3 (Leopard) on Intel Duo Core hardware
Microsoft Windows XP Professional SP2 (32 bit)
Microsoft Windows Vista Business SP1 (32 bit)
Microsoft Windows Vista Business SP1 (64 bit)

Supported hardware platforms

For detailed Mac and Windows hardware support information, visit the [system requirements page](#).

Miscellaneous

QuickTime 7.3
Microsoft Windows Media Player 11

Project formats

NTSC

23.976p
24p
30i

PAL

24p
25i
25p

HD - 720

720p/23.976
720p/25 NEW
720p/50
720p/59.94

HD - 1080

1080p/23.976
1080p/24
1080p/25
1080p/29.97 NEW
1080i/59.94
1080i/50

Native codec support

DV

DV25 / DVCAM (25 Mb/s): 4:1:1 NTSC, 4:1:1 PAL, 4:2:0 PAL, 24p
DV50 (50 Mb/s)

HDV

HDV (25Mb/s)
Native project formats: 1080i/59.94, 1080i/50, 720p/23.976 (with support for 24p material), 720p/25, 720p/29.97, 720p/50, 720p59.94

Capture over IEEE-1394, edit, playback, export to file without timecode (export not for 24p material)

Sony XDCAM (SD)

DV - 25 Mb/s
IMX30 - 30 Mb/s
IMX40 - 40 Mb/s
IMX50 - 50 Mb/s

Sony XDCAM HD

MPEG - 18 Mb/s VBR
MPEG - 25 Mb/s VBR
MPEG - 25 Mb/s CBR
MPEG - 35 Mb/s VBR
MPEG-4 Proxies

Sony XDCAM EX

MPEG - 25 Mb/s
MPEG - 35 Mb/s

Panasonic DVCPRO (SD)

DVCPRO - 25 Mb/s
DVCPRO50 - 50 Mb/s

Panasonic DVCPRO HD

DVCPRO HD - 100 Mb/s
AVC-I (no render)
Native project formats: 1080i/59.94, 1080i/50, 720p/60, 720p/25, 720p/23.976

Microsoft VC-1

VC-1 (Mac-Intel: edit/playback only)

File-based support

Sony XDCAM / XDCAM HD

Native editing of all listed SD and HD data rates (see above)
Native editing of proxy media, with Batch Import function for high-resolution media
Import via File Access Mode (FAM) over IEEE-1394
Ingest via FTP client over Ethernet
Write-back of finished program to XDCAM media over IEEE-1394

Sony XDCAM EX

Native editing for all listed data rates (see above)
Import of MXF files, as exported by Sony Clip Browser application (Windows only)

Panasonic P2

Native DVCPRO HD editing of all listed HD formats (see above)
Direct edit of P2 media from cards or disk drive
Support for P2 Store
Write-back of finished program to P2 media via IEEE-1394

Avid DNxHD

- DNxHD 145
- DNxHD 220
- DNxHD 220x
- DNxHD36

Compressed SD resolutions

- AVR (playback only)
- 15:1s, 4:1s, 2:1s
- 20:1, 10:1, 3:1, 2:1
- 35:1p, 28:1p, 14:1p, 3:1p, 2:1p
- 4:1m, 10:1m, 3:1m(p), 8:1m(p)

Uncompressed SD and HD

SD

1:1 interlaced 8-bit
1:1 interlaced 10-bit
1:1 progressive 8-bit

HD

1:1 8-bit
1:1 10-bit

Connectivity

Host-based

IEEE-1394 (audio/video I/O, machine control)
RS-422 (serial machine control)

Avid Mojo DX

SD and HD SDI I/O (combined connector)
HDMI output
Reference Sync Black&Burst and HD TriLevel input (combined connector)
8 channels SD-SDI embedded digital audio I/O
8 channels HD-SDI embedded digital audio input
16 channels HD-SDI embedded digital audio output
2 channels optical S/PDIF digital audio I/O
8 channels optical ADAT digital audio I/O
2 channels XLR analog audio output
2 channels 1/4" TRS analog audio I/O
Headphone stereo 3.5mm TRS output
Wordclock output

Media Composer Mojo DX - System requirements

Because the performance and reliability of the Avid Media Composer Mojo DX system depend on the optimal combination of software, I/O hardware, and the computer platform, Avid dedicates a significant amount of engineering resources to test and qualify specific platform configurations. These Avid-qualified workstations and laptops are listed below. We strongly recommend that you use one of these platforms, not only to get the best possible performance out of your system, but also because Avid trains and qualifies its support teams on these systems. We do not publish minimum specifications for Avid Media Composer Mojo DX systems. Avid can not make any representation regarding the suitability of non-Avid-qualified platforms for the Avid Media Composer Mojo DX system, or the performance and reliability of such a system. We are also not able to provide support for non-qualified platforms. If you are looking for optimal system reliability, performance and support, we strongly advise you to purchase an Avid-qualified platform or an Avid turnkey system.

Qualified platforms

Windows

For details of Windows-based workstations and laptops that have been qualified by Avid, please click [here](#).

Mac

For details of Mac-based workstations and laptops that have been qualified by Avid, please click [here](#).

Operating systems

- Microsoft Windows XP Professional SP2 (32 bit)
- Microsoft Windows Vista Business SP1 (32 bit)

- Microsoft Windows Vista Business SP1 (64 bit)
- Apple Mac OSX 10.5.3 (Leopard)

Miscellaneous

Uncompressed video on laptops

- The support of uncompressed video on laptops is limited to one stream of uncompressed Standard-Definition.

Card slot

The following card slots are required for connection to the Avid Mojo DX hardware:

- PCIe x4 slot (for workstations)
- ExpressCard slot (for laptops)

QuickTime

- Avid has tested and qualified Apple QuickTime version 7.3

Windows Media Player

- Microsoft Windows Media Player 11 is required in order to create various export formats, as well as to work with VC-1 codec material.