



EDIUS NX HD Suite

Complete HD Editing Suite – Ready for Today and Tomorrow!

Let the groundbreaking Grass Valley EDIUS NX HD Suite take you to the world of high definition video production. Use any mix of HD and SD video content; work with unlimited video, audio, title and graphics layers and any combination of realtime effects; and, most importantly, preview your work in progress in high-quality, full resolution - in realtime - on the type of video monitor on which it is intended to be displayed - even HDTV.

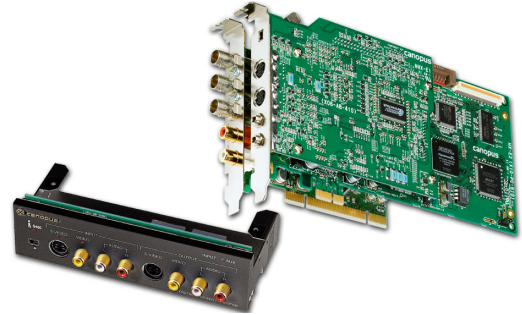
Many of the HD editing systems currently available compromise video quality in order to provide realtime editing functionality. Grass Valley EDIUS NX HD Suite delivers genuine realtime HD resolution editing including full quality, full frame rate HD output - to an HD video monitor - from the timeline. Two important workflow benefits are derived from a genuine realtime HD editing system like EDIUS NX HD Suite:

1. No rendering is required to preview edited sequences; results are displayed instantaneously - on HD video monitors.
2. The original video and audio data can be preserved at every step of the editing process. You can always be assured that the format you start with is exactly what will be delivered. This eliminates any guesswork when applying the multitude of realtime effects featured with the system.

Grass Valley EDIUS NX HD Suite software bundle comes with **EDIUS 5** NLE software. EDIUS 5 frees you from the limitations of conventional editing systems. Providing a seamless realtime workflow supporting all video acquisition formats, including all DV, HDV, P2, XDCAM, GigaFlash, & Infinity cameras and decks.

Grass Valley EDIUS NX HD Suite hardware bundle comes with EDIUS NX PCI Express mainboard, EDIUS NX HD Component Output PCI board & EDIUS NX Bay (5.25-inch breakout panel).

EDIUS users will also be able to take advantage of a number of bundled third-party plug-ins and software, (over US\$1,000 value). These invaluable audio and video plug-ins include tools from ProDAD (VitaScene + Mercalli Expert); NewBlueFX (Motion Effects + Art Effects+ Film Effects); iZotope (Audio Effects, Mastering); and Corel (DVD MovieFactory). Also included is a free package of SD and HD stock footage from Artbeats.



EDIUS NX HD Suite: Key Features

- Realtime mixed format editing of HDV, DV, MPEG-2, uncompressed and lossless SD & HD video with EDIUS editing software
- Realtime, render-free output to HD, DV & analog devices, directly from the timeline
- Realtime aspect ratio conversion and output, including 16:9-4:3
- Realtime frame rate conversion and output, including NTSC-PAL
- Realtime effects, keyers, transitions and titles
- High-quality proprietary software codecs, including the award-winning Canopus HQ codec
- High-quality analog and digital inputs/outputs for HD, DV, S-Video, composite video & unbalanced audio
- Seamless realtime workflow supporting all video acquisition formats including all DV, HDV, P2, XDCAM & Infinity cameras and decks.
- Hardware-based video overlay design for accelerated SD editing
- Filtering & noise reduction technology for analog input
- EDIUS Direct-to-DVD timeline export
- Future-proof codec and performance scalability
- High Definition video output video via EDIUS NX's HD component module
- EDIUS Plug-in for proDAD VitaScene for stylish video transition effects & filters & Mercalli V1 Expert software for video stabilization
- EDIUS Plug-in for NewBlueFX Motion Effects, Art Effects & Film Effects
- EDIUS Plug-in for iZotope VST Audio Effects Suite, AudioRestore, AGC & Mastering Effects Suite
- 1-year limited warranty on hardware; 90-day limited warranty on software

Grass Valley Authorised Distribution Partner:

Graphics Vision
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EDIUS NX

HD Suite

DV DVCAM	HDV	AVCHD	XDCAM	P2 DVCPro	GV Infinity
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| Over 260 More Video Effects | Fast GPU Acceleration | Outstanding Titling Software | Outstanding Film Look Effects |
| 3D Video Walls | Up To 1920x1080 Resolution | Handwriting Animation | Image stabilisation |
| 3D Flying Picture-In-Picture | Auto-animated Slideshows | Travel Route Animation | Video Shaker |

**FREE YUV HD out
Included**

Grass Valley EDIUS software for editing DV, HDV, HD

Whether you are working with standard definition or high definition video, Grass Valley EDIUS frees you from the limitations of conventional editing systems. Providing a seamless realtime workflow supporting all video acquisition formats, including all DV and HDV cameras and decks, EDIUS features realtime, multi-track, mixed format HD/SD editing, compositing, chroma keying, titling and timeline output capabilities.



EDIUS features the revolutionary Canopus HQ Codec. Designed with Scalable Technology, this innovative codec offers the highest image quality and performance available today in any HD editing platform.

Featuring unrivaled realtime video transcoding technology, EDIUS performs conversion between different HD and SD resolutions, aspect ratios and frame rates - in realtime, without wasting a single moment on conversion or rendering. EDIUS also features realtime playback HD & DV output of all effects, keyers, transitions and titles, and can export projects to any format or medium required including DVD-Video.

Powerful Hardware for the Ultimate Realtime Editing Experience

The Grass Valley EDIUS NX HD Suite system features advanced hardware, built upon high-speed, high-bandwidth PCI Express technology that provides editors with video acquisition and output capabilities including full-quality, full resolution component HD/SD video output as well as hardware-based line scaling and video overlay, for ultimate realtime HD/SD editing, effects composition and video output performance.



Broad Video Equipment Connectivity and I/O

Video Input/Outputs	Supported Video Equipment
HDV/DV IEEE 1394 (4-pin, 6-pin)	DV, DVCAM, HDV 1080i, HDV 1080p, HDV 720p
Composite video (CVBS), RCA	VHS, S-VHS, Hi8
S-Video (Y/C), miniDIN	S-VHS, Hi8
HD/SD Component video, BNC (output only)	HD/SD monitor, P2 (DVCPro, VariCam & AVC-Intra), XDCAM, Infinity, GigaFlash, Digital Betcam, Betacam SP, DVCPro
Audio Input/Outputs	
Unbalanced stereo audio	VHS, S-VHS, Hi8

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CREATE



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EDIUS NX HD Suite: Specifications

Package Contents:

- EDIUS NX (NHX-E2) PCI Express x1 bus card
- EDIUS NX HD component output PCI bus card
- EDIUS NX Bay
- 1 x FireWire cable (4-pin – 4-pin)
- 1 x board connection cable
- EDIUS 5 Installation Disc Set (DVD-ROM)
- USB License Key
- QuickStart Guide

Technical Specifications

Video Formats (Capture)

- Canopus DV - 720x480/59.94i (NTSC), 720x576/50i (PAL)
- YUY2 (Uncompressed) - 720x486/59.94i (NTSC), 720x576/50i (PAL)
- Canopus Lossless - 720x486/59.94i (NTSC), 720x576/50i (PAL)
- HDV/Canopus HQ - 1080/59.94i, 1080/50i, 1080/30p, 1080/25p, 1080/24p, 720/60p, 720/50p, 720/30p, 720/25p, 720/24p, 720x480/60p, 720x576/25p, 720x576/50p

Video Formats (Output)

- DV/DVCAM - 720x480/59.94i (NTSC), 720x576/50i (PAL)
- HDV - 1080/59.94i, 1080/50i, 1080/30p, 1080/25p, 1080/24p, 720/60p, 720/50p, 720/30p, 720/25p, 720/24p, 720x480/60p, 720x576/25p, 720x576/50p
- S-Video, composite - 720x480/59.94i (NTSC), 720x576/50i (PAL)
- BNC component - 1080/59.94i, 1080/50i, 720/30p, 720/25p, 720/24p over 30p, 720x480/59.94i (NTSC), 720x576/50i (PAL)

Digital Video Input/Output

- 1 x 4-pin FireWire
- 1 x 6-pin FireWire

Analog Video Input/Output

- 1 x S-Video and composite combined (7-pin miniDIN) input
- 1 x S-Video and composite combined (7-pin miniDIN) output
- 1 x component (BNC Y, Pb, Pr) output

Analog Audio Input/Output

- 1 x stereo (3.5mm, unbalanced) input
- 1 x stereo (3.5mm, unbalanced) output
- 1 x stereo (RCA, unbalanced) output

Minimum System Requirements

EDIUS NX HD Suite is capable of editing both SD and HD content in realtime, however the system requirements for realtime HD editing are significantly higher than for SD editing. The requirements shown here are for realtime HD editing.

- Intel® Pentium® D 3.0GHz or higher (Multi-processor and Hyper-threading technology supported)
- 1GB RAM
- One free PCI Express x1 slot
- One free PCI slot
- 800MB free disk space
- DVD-ROM drive for software installation
- ATA100/7200rpm or faster hard disk, capable of sustaining at least 20MB/sec data transfer. A RAID stripe set of two or more hard disk drives is required for multiple HD stream output
- Graphics card with at least 128MB of video RAM and hardware-based DirectDraw overlay and 32-bit color display at a 1024x768 resolution
- One free 5.25-inch mounting bay
- Windows® XP Home or Windows® XP Professional (Service Pack 2 or later)
- DirectX 9.0 or later
- One free USB (1.1 or higher) port for security key
- Soundcard

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