

CREATE

HD/SD video editing technology **canopus**

**Discover the best-kept secret  
in the industry.**



 **EDIUS**

**Nonlinear Editing Systems**

### Canopus® EDIUS®: Nonlinear Editing Software and Systems

Engineering-driven Canopus has been first to market with many of the advances in video technology that have become industry standards. Innovative technologies designed to meet rigorous professional demands keep EDIUS on the leading edge.

#### Providing unprecedented realtime performance

EDIUS features powerful video processing technology for unparalleled realtime transitions and effects. At Canopus, "realtime performance" also means impeccable, full quality, full frame rate output to the type of video display on which audiences will ultimately view the finished production — even HDTV.

#### Streamlining professional workflow

EDIUS NLE systems are designed to make the creative process extremely fluid. Our engineering philosophy also acknowledges the impact of rapidly advancing computer technology on professional choices. Canopus Scalable Technology architecture harnesses the processing power of the CPU, facilitating speed and performance increases as PC speed increases, yielding longer product life and higher return on investment.

#### Delivering stunningly accurate images

The beauty of original, high-quality images can get damaged during any or all three phases of video processing—capture, editing and outputting. EDIUS software and systems feature innovative Canopus codecs renowned for minimizing degradation of image quality while maximizing realtime performance.

#### Supporting the widest range of formats

While EDIUS relies on proprietary video processing technologies, Canopus products have always been compatible with industry-standard components. EDIUS NLE software and systems can be seamlessly integrated into your existing workflow, and support for open standards facilitates mixed format editing.

software

## EDIUS Pro 3



**EDIUS Pro 3** software provides advanced realtime, mixed format SD/HD editing, compositing, chroma keying, titling and timeline output capabilities. Featuring the revolutionary Canopus HQ Codec, EDIUS Pro 3 offers the highest image quality and performance available today in any SD/HD editing solution. Unrivalled video transcoding technology

performs realtime conversion between different HD and SD resolutions, aspect ratios and frame rates. Delivering realtime playback and DV output of all effects, keyers, transitions and titles, EDIUS Pro 3 can export projects to any format or medium required, including DVD-Video, directly from the timeline.

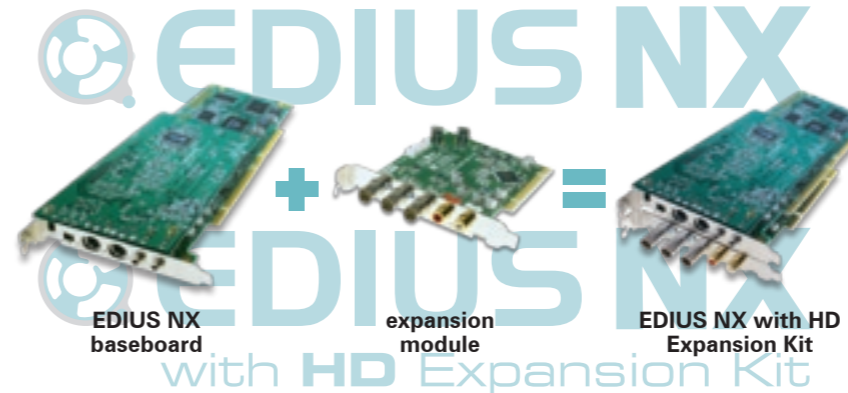
**EDIUS Broadcast** software is designed to meet the requirements of higher-end broadcast and post-production environments. EDIUS Broadcast includes EDIUS Pro 3 plus a full range of industry-standard equipment and format support features including support for newer, non-tape forms of video recording and storage. EDIUS Broadcast also includes the EDIUS Speed Encoder for HDV, harnessing the power of Dual Core CPU technology to export HDV MPEG-2 files at incredible speeds.



Includes full I/O support for:  
**Panasonic DVCPRO® 50, DVCPRO HD, DVCPRO P2, VariCam® and Sony XDCAM®**

systems

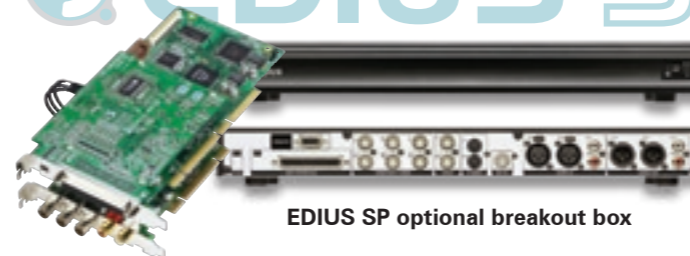
Engineered for tight integration, EDIUS NLE Systems team unsurpassed EDIUS NLE software with powerful video editing hardware, for end-to-end realtime performance. Providing the most accurate realtime, render-free preview of work-in-progress available, EDIUS NLE Systems deliver full quality, full frame rate output to video displays — even HDTVs — directly from the timeline.



**EDIUS NX with HD Expansion Kit** delivers genuine realtime HD resolution editing including full quality, full frame rate HDTV output directly from the timeline. Use any mix of HD and SD video content; work with unlimited video, audio, title and graphics layers and any combination of the multitude of realtime effects featured with this affordable system. Not yet ready for HD? Get **EDIUS NX** now and upgrade with the HD Expansion Kit (sold separately), at any time. Featuring an onboard DV codec chip, filtering during the capture

process to clean up analog footage, and special audio/video synchronization technology, the EDIUS NX baseboard delivers exceptionally high quality analog and digital video input. Available for PCI/PCI-X or PCI Express, EDIUS NX and EDIUS NX with HD Expansion Kit include EDIUS Pro 3 software.

## EDIUS SP



**EDIUS SP** combines hardware-based acceleration and superior video I/O circuitry with EDIUS Broadcast software. Designed to seamlessly integrate into existing production environments, EDIUS SP interfaces with professional and consumer analog, DV and HDV cameras and decks. EDIUS SP features support for component video and XLR balanced audio I/O, as well as frame-accurate RS-422 VTR control and external reference sync input connections.

Configured within robust, high-performance workstations, **EDIUS SD** and **EDIUS HD** are turnkey NLE systems, custom-built for broadcast studios. Canopus hardware plus EDIUS Broadcast software provide unsurpassed mixed-format editing, effects processing and output.

**EDIUS SD** offers the same realtime, multi-layer HD/SD editing and effects processing as EDIUS HD and can be upgraded to EDIUS HD, at any time.

**HDBX1000**  
Multi-I/O  
Processor Unit  
option

RX-E1 baseboard

EDIUS SD I/O module

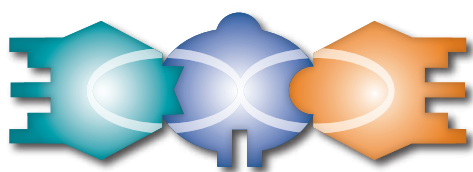
upgrade

EDIUS HD I/O module



	EDIUS NX	EDIUS NX with HD Expansion Kit	EDIUS SP	EDIUS SD	EDIUS HD
Analog video input/output	S-Video, Composite	S-Video, Composite, SD/HD Component out only	S-Video, Composite, SD Component, HD Component out only	S-Video, Composite, SD Component, HD Component output only*	S-Video, Composite, SD Component, HD Component output only*
Digital video input/output	DV	DV, HDV	DV, HDV	DV, HDV, SD-SDI	DV, HDV, SD-SDI, HD-SDI
Unbalanced audio I/O	✓	✓	✓	✓*	✓*
Balanced audio I/O			✓	✓*	✓*
Analog input signal cleaning / enhancement	✓	✓	✓		
SD uncompressed/lossless capture	✓	✓	✓	✓	✓
HD resolution capture		✓	✓	✓	✓
RS-422 device control/ Ref In			✓	✓	✓
Bidirectional analog / DV conversion from any Windows NLE software		✓	✓		
Native HDV editing	✓	✓	✓	✓	✓
DV editing hardware acceleration	✓	✓	✓		
EDIUS NLE Software	EDIUS Pro 3	EDIUS Pro 3	EDIUS Broadcast	EDIUS Broadcast	EDIUS Broadcast
Inscriber® TitleMotion™ Pro for Canopus and ProCoder® Express for EDIUS		✓	✓	✓	✓
Ulead DVD Workshop™ / Sony ACID®		✓	✓		
Capture/video output plug-in for Adobe® Premiere® Pro	✓	✓	✓		
Video out plug-ins	Adobe After Effects®, Adobe Photoshop®	Adobe After Effects, Adobe Photoshop	Adobe After Effects, Adobe Photoshop	Adobe After Effects, Adobe Photoshop, Newtek Lightwave 3D®	Adobe After Effects, Adobe Photoshop, Newtek Lightwave 3D®

\* Requires Multi-I/O Processor option



CREATE > PURPOSE > DELIVER

### The Canopus Workflow

Canopus makes innovative products that streamline all aspects of the video post-production process: Create, Purpose and Deliver. Canopus products may be grouped within these workflow categories.

### About Canopus

Since releasing its first video editing system, Canopus has gained international acclaim as professionals around the world recognize the exceptional qualities of video content they create, purpose and deliver with Canopus hardware and software. A leader in advanced codec technology, Canopus is an engineering-driven company that continues to develop all technology on which its products are based, in-house. Canopus offers a complete line of video capture and editing solutions to customers in 55 countries, through its headquarters in Kobe, Japan and sales offices in Australia, China, Germany, Italy, the United Kingdom and the USA.

[www.canopus.com](http://www.canopus.com)

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