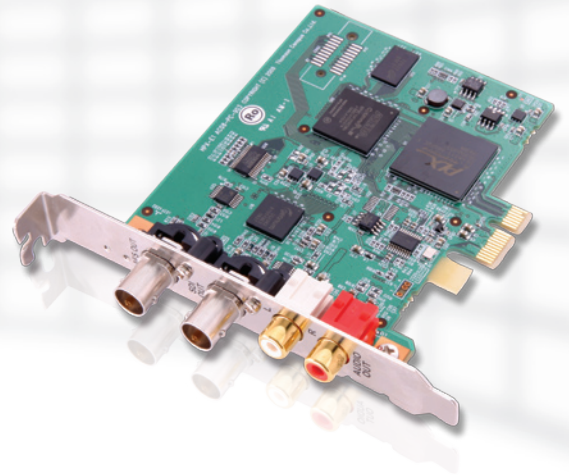


HDSPARK Pro

HD/SD-SDI OUTPUT FOR EDIUS

For editors needing high-quality audio and video monitoring capability from their EDIUS nonlinear editing system, HDSPARK Pro provides the perfect solution.



Editors of broadcast-quality programs require a means to preview and evaluate their video and audio in the best quality possible. Users in a file-based, networked environment often don't need to ingest baseband video or audio, but still want to preview projects at the same quality level as the final, delivered output. HDSPARK™ Pro hardware provides the means to do this.

Based on the PCI Express form factor, it comes with a full version of our EDIUS® nonlinear editing software—as well as an HD/SD-SDI output board that supports full-resolution, real-time preview monitoring. It also features both AES/EBU digital and unbalanced analog audio outputs (via separate BNC connector and stereo RCA jacks respectively), for high-quality audio monitoring.

KEY FEATURES

- HD/SD-SDI output for full-resolution, real-time monitoring with embedded 8-channel digital audio from included EDIUS NLE software
- 2-channel AES digital audio output via BNC connector for high-quality audio monitoring
- 2-channel unbalanced audio output via RCA jacks for high-quality audio monitoring
- Video and audio output stays perfectly in sync with editing windows for accurate editing and trimming
- Ships with full version of EDIUS

SPECIFICATIONS

Bus Interface

PCI Express Rev. 1.0a x1 lane

Video Formats (Output)

- 1920x1080i50/59.94
- 1920x1080p23.98
- 1280x720p50/59.94
- 720x480i59.94
- 720x576i50
- 720x480p59.94
- 720x576p50

Video Output Connector

- HD/SD SDI output (BNC)
- Supports HD SDI (SMPTE 292M) and SD-SDI (SMPTE 259M-C)

Audio Formats (Output)

- 2-channel AES/EBU audio
- 8-channel SDI embedded audio (SMPTE 299M/272M-A)
- 2-channel analog audio

Audio Output Connectors

- HD/SD-SDI (BNC)
- Monitor: 1x stereo RCA (unbalanced)

Power Requirements

+3.3V 1.0A, +12V 0.07A

Physical Dimensions

102 mm (W) x 89 mm (L) (4.0 x 3.5 in.)

Regulatory Compliance

CE, FCC Class A, C-Tick, ICES

Minimum System Requirements

CPU

Any Intel Core 2 or Core iX CPU. Intel or AMD single core CPU with a 3 GHz processor speed or faster (multiple CPUs and/or multi-core CPUs are recommended). SSE2 and SSE3 instruction set supported.

Memory

1 GB RAM (4 GB or more recommended)

Hard Disk

- 6 GB of hard disk space is required for installation (including third-party software)
- Drive with ATA100/7,200 RPM or faster is necessary for video storage:
 - Available HDD disc space should be twice the size of the file to be edited
 - RAID-0 is recommended for HD resolution editing

PCI Bus

One free PCI Express x1 bus slot

Graphics Card

A graphics card supporting higher resolution than 1024x768 (32-bit), Direct3D 9.0c or later, and PixelShader Model 3.0 or later is required

- For SD editing: 256 MB or larger required, 512 MB or larger recommended
- For HD editing: 512 MB or larger required, 1 GB or larger recommended

Sound Card

A sound card with WDM driver support is required

DVD-ROM Drive

Required for software installation
Blu-ray Disc writer, DVD-R/RW or DVD+R/RW drive is required when creating Blu-ray Discs or DVDs

USB Port

Free USB port (1.1 or higher) is required for security key

Operating System

- Windows 7 (32-bit or 64-bit)
- Windows Vista (SP2 or later, 32-bit or 64-bit)
- Windows XP (SP3 or later, 32-bit)

PACKAGE CONTENTS

HDSPARK Pro with EDIUS

- HDSPARK (HPX-E1) PCI Express x1 bus card
- EDIUS software installation disc set (DVD-ROM)
- EDIUS bonus disk
- EDIUS USB dongle
- Hardware setup manual

HDSPARK Pro Standalone

- HDSPARK (HPX-E1) PCI Express x1 bus card
- Hardware setup manual

DEALERS/RESELLERS

To find your local reseller or dealer for Grass Valley professional audio video products, please visit <http://www.grassvalley.com/sales/>.

SERVICE & SUPPORT

Twelve-month limited warranty with service provided through local resellers. Additional support available on a contractual basis.