

STORM Pro

HD-SDI Input/Output and HDMI Output for EDIUS



For editors needing high-quality audio and video monitoring capability from their EDIUS nonlinear editing system, STORM 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. STORM Pro hardware from Grass Valley, a Belden Brand, provides the means to do this.

When used in conjunction with EDIUS editing software (purchased separately), the PCI Express-based STORM Pro empowers you with a constantly synched, full-resolution preview of effects and content directly from the timeline.

STORM Pro HD-SDI Input/Output and HDMI Output for EDIUS

KEY FEATURES

- HDMI output for full-resolution, real-time monitoring with 2-channel/8-channel embedded audio
- HD-SDI output for full-resolution, real-time monitoring with 8-channel embedded audio
- HD-SDI input, with 8-channel embedded audio
- Video and audio output stays perfectly in sync for accurate editing and trimming

SPECIFICATIONS

Bus Interface

PCI Express Rev. 1.1 x1 lane

Video Formats (Output)

1920x1080i50/59.94
1920x1080PsF23.98
1280x720p50/59.94
720x480i59.94
720x576i50

Video Input

SDI x1 (SMPTE ST 292/ST 259-C)

Video Output

SDI x2 (SMPTE ST 292/ST 259-C)
HDMI mini connector x1 (HDMI 1.3, HDCP not supported)

Audio Input

8-channel embedded audio (SMPTE ST 299/ST 272-C)

Audio Output

8-channel SDI embedded audio (SMPTE 299M/272M-A)
2/8-channel HDMI embedded audio 24-bit, 48 kHz (LPCM)
Stereo monitor audio (1/4" TRS)

Power Requirements

12 VDC 0.5A, 3.3 VDC 0.5A

Physical Dimensions

111 mm (H) x 161 mm (W)
4.37 in. (H) x 3.5 in. (W)

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). SSSE3 (Supplementary SSE3) instruction set supported.

Memory

1 GB RAM minimum (4 GB or more recommended)

Requirements for RAM and video memory vary depending on the project format. For SD/HD projects: 4 GB or more RAM recommended

Hard Disk

6 GB of hard disk space is required for EDIUS installation

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 (for EDIUS)

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 10-bit SD editing: 1 GB or more recommended

For HD editing: 2 GB or more recommended

DVD-ROM Drive

Required for EDIUS installation

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

Operating System

EDIUS v7.42 or later

Windows 7/8/8.1 (64-bit)

ORDERING

STORMPRO-BOARD

Standalone HD/SD-SDI I/O with HDMI Out Board (EDIUS not included). Model 608694.

STORMPRO-BAY

STORM Pro board with Bay (EDIUS not included). Model 608755.



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