

## DVI2PCIe Duo

DVI2PCIe Duo™ is Epiphan's highest performance dual input PCIe capture card, capable of capturing VGA, DVI, HDMI™, 3G-SDI, HD-SDI, and SD-SDI audio/video sources. DVI2PCIe Duo provides uncompressed dual channel video to third party recording, streaming, conferencing and video analysis software applications running on Windows, Mac OS, or Linux platforms.

### Content independent performance:

- 60 frames per second at full HD resolution in 24-bit color (4:4:4) if capturing from one source (DVI or SDI)
- 60 frames per second at full HD resolution in 24-bit color (4:4:4) if capturing from both DVI and SDI channels simultaneously

Supports DVI resolutions up to 2048×2048 (2560×1600 in widescreen) and captures digital audio from HDMI and SDI sources.







The low profile card is perfect for 2U cases. A bracket is provided for use in full-height cases.

An optional A/V kit adds support for S-Video and audio from 3.5 mm stereo or balanced ¼" TRS audio inputs. See the Epiphan website for configuration details.

## TECHNICAL SPECIFICATIONS

<b>INTERFACE</b>	PCI Express 2.0; x4
<b>DIMENSIONS</b>	Low profile short card. 5.5"×2.53", 140×64 mm
<b>CONNECTORS</b>	One DVI-I type connector One Serial Digital Interface BNC connector (SDI)
<b>VGA SIGNALING</b>	R,G,B plus separate HSync and VSync signals; R,G,B plus CSync signal; R,G,B with Sync-On-Green synchronization
<b>VGA MODES</b>	HSync rate 15 kHz - 150 kHz; VGA: 210 MHz, DVI: 2×165 MHz; RGB 8:8:8, YUV 4:4:4
<b>COLOR RESOLUTION</b>	RGB16 (5:6:5), RGB24 (8:8:8), RGB8 (2:3:3) greyscale-256, YUY2, UYVY, YV12
<b>SUPPORTED VIDEO MODES</b>	VGA/DVI: Up to 2048×2048 HDMI: Up to 1920×1200 SDI: Up to 1920×1080
<b>UPDATE RATE</b> <small>varies depending on resolution and capturing computer</small>	640×480 - <b>85 fps</b> 800×600 - <b>85 fps</b> 1024×768 - <b>85 fps</b> 1280×1024 - <b>85 fps</b> 1920×1080 - <b>60 fps</b> 2048×2048 - <b>20 fps</b>
<b>OS SUPPORT</b> <small>32-bit and 64-bit</small>	Windows XP, Windows Vista, Windows 7, Windows 8 Mac OS X 10.4 and up (including Power PC) Linux

## KEY FEATURES

-  Capture from DVI, DVI-DL, VGA, HDMI, RGB, 3G-SDI, HD-SDI, SD-SDI sources
-  Maximum resolution 2048×2048 using DVI-DL (single channel capture mode only)
-  HDMI and SDI audio support, optional A/V kit adds TRS and 3.5 mm audio
-  Supports multiple DVI2PCIe Duo cards in one system
-  Interfaces with multiple third party applications via DirectShow on Windows, QuickTime on Mac OS X and V4L (Video4Linux) on Linux
-  Supports third party applications that accept an external video source, such as Adobe Premiere, Windows Media Encoder, and others