

Silicon Graphics® O2 DVLink Option

Features

- IEEE 1394 interface for Silicon Graphics O2 visual workstation
- Digital video I/O
- DV and DVCPRO codec support

Complete IEEE 1394 Solution

Silicon Graphics O2 DVLink is the DV solution for anyone working with visual and digital media content. Whether you're in the education, sciences, government, entertainment, or manufacturing, DVLink provides the necessary tools to unleash your creative vision. Coupling the advantages of the IEEE 1394 standard with a platform specifically designed for digital media, the Silicon Graphics® O2® visual workstation gives you a complete IEEE 1394 digital video solution on your desktop.

Content Acquisition

The DVLink option has three IEEE 1394 ports to daisy chain up to 63 devices together in a tree-like topology. Once your DV camera or video deck is plugged into one of the IEEE 1394 connectors on the DVLink option (accessible on the back of the Silicon Graphics O2 visual workstation), simply launch the DVLink software utility to import your content.

DVLink Software Utility

DVLink has an intuitive user interface that enables you to easily import and export real-time, frame-accurate DV clips, including support for multiple DV streams; preview DV footage in real time; extract still images from video; capture and arrange video segments to produce a cuts-only production; and output video to DV devices or other IEEE 1394-enabled systems.

Editing Tools

The digital media libraries in IRIX® 6.5 feature complete support for DV in all forms (including DVCPRO), so all your content can be imported into any of the digital media applications bundled with the Silicon Graphics O2 visual workstation. Using the bundled digital media tools, you can edit your content, add titles, and create simple transitions. For more advanced video editing, import your content into Adobe® Premiere. Adobe Premiere enables you to do all of your editing—including graphics and special effects—with professional quality (Adobe Premiere is available as part of the Media Value Pack).

Product Contents

Silicon Graphics O2 DVLink includes a PCI interface board, IEEE 1394 cables, DVLink software utilities, and an extensive software development environment. It offers simple plug-and-play support for DV devices and is compatible with IEEE 1394, FireWire®, and i.Link® devices. With Silicon Graphics DVLink, creating DV productions on your desktop has never been easier.



Silicon Graphics DVLink O2 Option Technical Specifications

<p>System Compatibility DVLink is a PCI plug-and-play interface board. It is compatible with all O2 systems running IRIX 6.5.2 [or higher] and occupies the PCI option slot.</p>	<p>Regulatory Requirements • FCC Class A</p>
<p>Input and Output Connectors • 3 external IEEE 1394 connectors [400 Mb/sec]</p>	<p>Marketing Code/Part Number • PCI-1394-02</p>
<p>Input and Output Connectors • DV and DVCPRO: 720x480, YUV 4:1:1, 525/60 [NTSC] • DV: 720x576, YUV 4:2:0, 625/50 [PAL] • DVCPRO: 720x576, YUV 4:1:1 625/50 [PAL]</p>	<p>Other O2 Digital Media Products • Silicon Graphics O2 Digital Video option • SGI™ Digital Audio option</p>
<p>Cables • 6-to-6 pin, 4.5 m length, O2 to O2, O2 to PC/Mac® • 6-to-4 pin, 2 m length, O2 to DV device</p>	



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