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Raptor GFX-FP

Supports SGI 1600SW Flat Panel on Sun PCI Systems

Features

- Supports Silicon Graphics 1600SW FP on Sun Microsystems PCI systems
- Up to 1920 x 1080 resolution
- 16 MB Frame Buffer Memory
- Simultaneous 8-Bit and 24-Bit Pixel Formats Eliminates Colormap Flashing
- Boot Console Capable
- Supports Solaris 2.5.1 and Higher
- OpenWindows and CDE Compatible
- One Year Warranty

Product Description

The Raptor GFX-FP is a PCI graphics accelerator designed to provide the benefits of the Silicon Graphics 1600SW Digital Flat Panel on Sun Microsystems Ultra workstations and Enterprise servers. This PCI card is similar to the popular Raptor GFX-8P (PGX32 from Sun Microsystems). The number of displays is only limited by the number of available PCI slots in the system.

The Raptor GFX-FP supports 8-bit (Pseudo color) and 24-bit (True color) visuals simultaneously. This eliminates colormap flashing problems by providing 24-bit depth, while still supporting legacy applications that run only in pseudo color (8-bit) visuals.

This card can serve as the boot console.

April 27, 2001

OpenWindows/CDE Acceleration

The Raptor GFX-FP drivers are optimized to provide the best performance among products in its class. The software drivers are loadable, which facilitates easy installation and 100% compatibility with other graphics cards in the system. With 16 MB of frame buffer memory, the Raptor GFX-FP can efficiently handle off-screen pixmaps.

Markets

- General Desktop Users

- Desktop Publishing

- Financial institutions

- Multiple Display Applications

- 2D CAD/CAM/CAE

- Imaging Applications

Support For Other PC Monitors

The Raptor GFX-FP also has an analog video port that allows support for most PC monitors with resolutions ranging from 640x480 all the way up to 1920x1080. The card also supports the Display Data Channel (DDC2B) interface for plug-n-play monitor detection.

Technical specifications:

Frame Buffer Size:	16 MB SGRAM
Hardware Cursor:	3 Color 64x 64 Bitmap
Horizontal Sync Signals:	31.5 kHz – 100 kHz
Vertical Refresh Rates:	60Hz – 200Hz
Dot Clock Maximum:	270 MHz
PCI Interface:	33/66 MHz, 32-bit, Revision 2.1
Video Interfaces:	LVDS Digital FP Interface Analog RS-343 (75ohm)
Video Sync:	Separate, Composite (Analog output only)
Video Connectors:	36-pin D ribbon HD-15
Temperature Rating:	0° to 50° C operating -40° to 70° C non-operating
Humidity:	10% to 95% (non-condensing)
Power Rating:	+5V @ 4 Amps (max)
Dimensions:	140mm x 90 mm (5.5" x 3.5")
Approvals:	FCC Class B Certified, CE Mark
Boot Support:	IEEE 1275-Compliant FCode (OBP)

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