affordable performance

Sun™ XVR-500 Graphics Accelerator

A MID-PRICED GRAPHICS BOARD THAT DELIVERS PROFESSIONAL-LEVEL, HIGH-PERFORMANCE 3D GRAPHICS TECHNOLOGY.

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Powerful 3D graphics capabilities—once considered an extravagance only provided for the most critical situations—are now available at prices low enough to distribute throughout your organization. The Sun XVR-500 graphics accelerator, the newest member of Sun's graphics product line, doubles the geometry performance and improves the texture mapping performance by 50 percent over Sun's previous generation of mid-range graphics accelerators.

This graphics accelerator is perfect for cost-conscious customers who need high-performance 3D graphics, such as those running MCAD, MCAE, and energy applications. The Sun XVR-500 graphics accelerator's excellent image quality also makes it an ideal solution for customers in disciplines (such as GIS, DCC, and health care markets) where visualization of large amounts of data is important to critical decision making.

The Sun XVR-500 graphics accelerator supports a large range of resolutions. Multiple frame buffers are supported in a single system, providing synchronized stereoscopic imaging.

HIGHLIGHTS

- 32 MB of dedicated frame buffer memory
- Exceptional 2D and 3D graphics performance
- Onboard hardware accelerated 2D and 3D texture mapping, supported by 16 MB of dedicated texture memory provides great performance
- 24-bit color support provided
- High-resolution 2D, 3D, and stereo resolutions
- Synchronization of up to four 24-inch displays; frame lock support of two to four displays (mono or stereo) shows the application completely synchronized across all displays
- Support for Sun's new 24-inch flat-panel display
- HD15 video output and 8-pin mini-DIN stereo connector

SPECIFICATIONS AND REQUIREMENTS

Supported Systems

Up to four boards supported on Sun Blade™ 1000, Sun Blade 2000, and Sun Fire™ V880 systems

Operating System Requirements

Solaris™ 8 Operating Environment or later

Supported APIs

Sun™ OpenGL® for Solaris™ version 1.2.1 or later, Java 3D™ APIs

Power

Wattage: 22 Watts normal operation, 6 Watts Energy Star operation

Dimensions and Weight

Length: 20.5 cm (8.07 in.)

Width: 8.3 cm (3.27 in.)

Height: 9.1 cm (3.58 in.)

Weight: 160 g (5.6 oz. troy)

RESOLUTIONS SUPPORTED

Resolution	Refresh Rate	Sync Standard
1920 x 1080	72 Hz	Sun
1600 x 1280	76 Hz	Sun
1600 x 1000	66, 76 Hz	Sun
1440 x 900	76 Hz	Sun
1280 x 1024	60, 75, 85 Hz	VESA
1280 x 1024	67, 76 Hz	Sun
1280 x 800	112 Hz	Sun-Stereo
1280 x 800	76 Hz	Sun
1152 x 900	120 Hz	Sun-Stereo
1152 x 900	66, 76, 120Hz	Sun
1024 x 800	84 Hz	Sun
1024 x 768	75 Hz	VESA
1024 x 768	60, 70, 77 Hz	Sun
960 x 680	108, 112 Hz	Sun-Stereo
768 x 575	50i Hz	PAL
640 x 480	60 Hz	VESA
640 x 480	60i Hz	NTSC

ADDITIONAL INFO

For additional information, go to:

http://www.sun.com/desktop/graphics