



quality and performance

Sun™ XVR-1200 Graphics Accelerator

A GRAPHICS ACCELERATOR THAT DELIVERS ON SUN'S PROMISE TO PROVIDE INDUSTRY-LEADING 3D GRAPHICS IMAGE QUALITY, FUNCTIONALITY, AND PERFORMANCE.

Sun XVR-1200 Graphics Accelerator

The Sun XVR-1200 graphics accelerator, the newest member of Sun's graphics product line, provides users in technical markets with high-quality and high-performance 3D graphics to work more efficiently.

This graphics accelerator delivers on Sun's promise to provide exceptional graphics quality, functionality, and performance.

Outstanding image quality is provided by full-scene anti-aliasing, excellent color fidelity, and support for super high 2D, 3D, and stereo resolutions.

Dual DVI-I interfaces providing both digital and analog video output, dual stereo support at 1280 x 1024, and framelock support for multiple framebuffers are just a few of the premium features of this product.

The exceptional 3D and texture mapping performance blows away most of the competition on real-life, demanding graphics applications.

And your software investment is protected — use it without any application changes.

HEADQUARTERS SUN MICROSYSTEMS, INC., 4150 NETWORK CIRCLE, SANTA CLARA, CA 95054 USA
PHONE: 800 555-9SUN OR 650 960-1300 INTERNET: [HTTP://WWW.SUN.COM](http://www.sun.com)

WORLDWIDE SALES OFFICES

Sun Worldwide Sales Offices: Africa (North, West, and Central) +33-13-067-4680, Argentina +5411-4317-5600, Australia +61-2-9844-5000, Austria +43-1-60563-0, Belgium +32-2-704-8000, Brazil +55-11-5187-2100, Canada +905-477-6745, Chile +56-2-3724500, Colombia +571-629-2323, Commonwealth of Independent States +7-502-935-8411, Czech Republic +420-2-3300-9311, Denmark +45 4556 5000, Egypt +202-570-9442, Estonia +372-6-308-900, Finland +358-9-525-561, France +33-134-03-00-00, Germany +49-89-46008-0, Greece +30-1-618-8111, Hungary +36-1-489-8900, Iceland +354-563-3010, India-Bangalore +91-80-2298989/2295454; New Delhi +91-11-6106000; Mumbai +91-22-697-8111, Ireland +353-1-8055-666, Israel +972-9-9710500, Italy +39-02-641511, Japan +81-3-5717-5000, Kazakhstan +7-3272-466774, Korea +82-2-2193-5114, Latvia +371-750-3700, Lithuania +370-729-8468, Luxembourg +352-49 11 33 1, Malaysia +603-21161888, Mexico +52-5-258-6100, The Netherlands +00-31-33-45-15-000, New Zealand-Auckland +64-9-976-6800; Wellington +64-4-462-0780, Norway +47 2336 96 00, People's Republic of China-Beijing +86-10-6803-5588; Chengdu +86-28-619-9333; Guangzhou +86-20-8755-5900; Shanghai +86-21-6466-1228; Hong Kong +852-2202-6688, Poland +48-22-8747800, Portugal +351-21-4134000, Russia +7-502-935-8411, Singapore +65-6438-1888, Slovak Republic +421-2-4342-94-85, South Africa +27 11 256-6300, Spain +34-91-596-9900, Sweden +46-8-631-10-00, Switzerland-German 41-1-908-90-00; French 41-22-999-0444, Taiwan +886-2-8732-9933, Thailand +662-344-6888, Turkey +90-212-335-22-00, United Arab Emirates +9714-3366333, United Kingdom +44-1-276-20444, United States +1-800-555-9SUN or +1-650-960-1300, Venezuela +58-2-905-3800

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Specifications are subject to change without notice.

HIGHLIGHTS

- 128 MB of dedicated frame buffer memory provides exceptional 2D and 3D graphics performance — 30 M triangles/sec. when installed in 66-MHz PCI slots; 20 M triangles/sec. when installed in 33-MHz PCI slots.
- 256 MB of hardware-accelerated texture mapping memory delivers outstanding 400 M pixel/sec. texture mapping performance for complex 2D and 3D texturing.
- Multiple stereo resolutions with high refresh rates are supported on up to 4 monitors in a system using two cards, allowing customers to use stereoscopic viewing for immersive applications with less perceived flicker.
- Two 1920 x 1200 (24-Inch) displays are supported from a single graphics board which gives customers a very large viewing area.
- On-board, 10-bit gamma correction and true 32-bit RGBA color fidelity.
- Thirty-two hardware-accelerated light sources add realism to images.
- Full-scene anti-aliasing provides the kind of crisp images needed for flight simulators and virtual environments.

SPECIFICATIONS AND REQUIREMENTS

Supported Systems

- Up to two boards supported on Sun Blade™ 2000 workstations
- Up to four boards supported on Sun Fire™ 6800 servers

Connectors

- Dual DVI-I interfaces
- 7-pin mini-DIN stereo connector

Operating System Requirements

Solaris™ 8 and 9 Operating Environment, and future releases

Supported APIs

- Sun™ OpenGL® for Solaris™ API version 1.2.3 or later
- Java 3D™ API

Power

Wattage: 50 Watts normal operation

Dimensions and Weight

Length: 31.24 cm (12.3 in.)

Width: 3.81 cm (1.5 in.)

Height: 10.7 cm (4.2 in.)

Weight: 457 g (16.1 oz.)

RESOLUTIONS SUPPORTED

Resolution	Refresh Rate	Sync Standard
2048 x 1536	40 Hz	Sun
1920 x 1200	60, 70, 75 Hz	Sun
1920 x 1200	60_240T Hz	Sun
1920 x 1080	72 Hz	Sun
1792 x 1344	75 Hz	VESA
1600 x 1280	76 Hz	Sun
1600 x 1200	60, 75 Hz	VESA
1600 x 1000	66, 76 Hz	Sun
1440 x 900	76 Hz	Sun
1280 x 1024	112 Hz	Sun-Stereo
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 Hz	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
800 x 600	75 Hz	VESA
640 x 480	60 Hz	VESA

ADDITIONAL INFO

For additional information, go to:

<http://www.sun.com/desktop/products/graphics>