

Raptor GFX-32C

High Resolution Graphics Accelerator



Product Description

The Raptor GFX-32C is a high-resolution graphics accelerator card that provides affordable high performance color video display solutions on UNIX platforms that use the PCI Bus architecture. The GFX-32C provides features that are familiar to the PC Windows user, and are desired by users in the UNIX environment, with two key benefits: high performance and low cost.

The GFX-32C supports 8 and 24 bit visual displays, simultaneously. It is the only card in its class that provides this feature. The 8+24 bit video mode eliminates color-flashing problems by utilizing the 24-bit visual display, while still supporting 8-bit legacy applications.

The GFX-32C provides resolutions from 640x480 to 1920x1200, in both 8 and 24 bit modes. The resolutions provided are software configurable at the user level.

Tech Source software drivers for the GFX-32C are optimized to provide the best possible performance on Sun Ultra systems. With 32 MB of framebuffer memory, it can cache several X Window pixmaps, thus providing fast off-screen to on-screen copying and double-buffering. The drivers are loadable and are provided in standard packaging. They are completely compatible with the Solaris operating system. The Raptor GFX-32C has been certified as Solaris Ready.

The Raptor GFX-32C is intended to satisfy users who need a high performance solution and a low cost. For example, the GFX-32C can support multi-screen configurations in conjunction with other graphics cards. This feature is especially useful to users seeking additional screen real estate.

Features & Benefits

- Resolutions from 640x480 to 1920x1200
- 32 MB Frame Buffer Memory
- Permedia 3 Drawing Processor
- 8 & 24 Bit Simultaneous Visual Displays
- PCI Bus Architecture – Short Card Format
- 256 Dynamic Colors (16.7 M Color Palette)
- X Window System Optimized
- Software Configurable Resolutions
- Multi-Screen Configuration Support
- Solaris Ready Certification Applications
- One Year Warranty

Applications

- CAD/CAM/ASIC Design
- Stock Market Floors
- General Desktop
- Remote Auction Art

Software Drivers Available

GFC OpenWindows, V1.1

Loadable drivers and DDX for Sun Ultra workstations and Enterprise servers running Solaris 2.6, 2.7 and 2.8.

Specifications

Frame Buffer Size	32 MB SGRAM
Color Lookup Table	256 entries from a palette of 16.7 million colors
Bits Per Pixel	8 only, 24 only, or 8+24 (software configurable)
Drawing Processor	Permedia 3
PCI Interface	33/66 MHz, 32-bit, Revision 2.1
Video Interface	Red, green and blue at RS-343 levels (75 ohm)
Video Sync	Separate or Composite syncs at TTL levels (75 ohm)
Video Connector	DB-15
Hardware Cursor	3 color, 64 X 64 bits (max)
Temperature Range (operating)	0° C to 60° C
Temperature Range (non-operating)	-10° C to 70° C
Humidity Rating	10% to 90% (non-condensing)
Power Rating	Less than 15 watts
Approvals	FCC Class B Certification, CE Mark
Physical	140mm x 90mm (5.5" x 3.5")

Copyright 2001 Tech Source, Inc.
All product names referenced herein are trademarks of their respective companies



TECH SOURCE, INC.

Responsive Solutions in Graphics

442 S. North Lake Blvd • Altamonte Springs, Florida 32701
(407) 262-7100 • Fax (407) 339-2554
email:sales@techsource.com