



Raptor 1100T

1920 x 1200 Color Video Graphics Adapter

Raptor 1100T Features

- 1920 x 1200 Resolution
- Drives a wide variety of monitors including HDTV
- 8/16/24/32-Bits Per Pixel
- 32 MB Frame Buffer
- 32 Independent Overlays
- 2560 Dynamic Colors
- Single Slot PCI Long Card
- Supports Transparency & Translucency

Markets

- Air Traffic Management
- Vessel Traffic Control
- Command & Control
- Satellite Imaging

Platforms

- Sun Ultra Workstations
- Digital Alpha Workstations
- Linux based platforms

The Tech Source Raptor 1100T high resolution graphics accelerator combines in a single slot PCI card a comprehensive array of high-end display subsystem features. The Raptor 1100T uses Tech Source's state-of-the-art graphics technology and addresses all requirements specific to target markets like Air Traffic Management, Vessel Traffic Control and other Command & Control applications. Its high level of integration achieves extreme flexibility over a wide range of functions.

With 32MB of on-board framebuffer and an efficient memory manager, the card offers excellent drawing performance with minimum host CPU usage. The card provides 2560 independent dynamic colors. That's ten times the number of indexed colors available on traditional graphics systems. Specialized layering hardware allows for complete control of

up to 32 independently addressable overlays with dynamic layer priority adjustment. This hardware supports both transparency & translucency (blending). The Raptor 1100T can also be configured in a 24-bit True Color mode for other high resolution image viewing applications.

The Raptor 1100T offers excellent 2D acceleration for polygons, text, lines, copy and other windowing operations. This provides seamless ability to manage over 5000 targets/tracks in real time. Another feature of this high performance product is the specialized fill hardware that performs back buffer screen erases at an extremely high speed. The video output quality of the Raptor 1100T has been meticulously fine tuned and is easily the best among all graphics products in this industry.

Raptor 1100T Technical Specifications

Raptor 1100T

PCI video graphics adapter, 1920 by 1080 color resolution, 32 MB frame buffer includes DB-13-W3 to 4BNC or 5BNC video cable, operating system specific device driver software and manuals.

Software Available

X Window System with MOX (Multiple Overlay Extension)

on Solaris, Tru64, Linux and Windows 2000

Specifications

Frame Buffer Size	32MB SGRAM
PCI Interface	33/66 MHz, 32/64-bit, Revision 2.2
Video Interface	Red, Green and Blue, at RS-343A (75 ohm)
Video Sync	Separate or composite syncs at TTL levels, (75 ohm)
Video Connector	DB-13W3
Temperature Rating	10° to 50° C (operating) -10° to 70° C (non-operating)
Humidity Rating	5% to 90% (non-condensing)
Power Consumption	Less than 25W
Dimensions	312 mm x 107 mm (12.28" x 4.2")

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