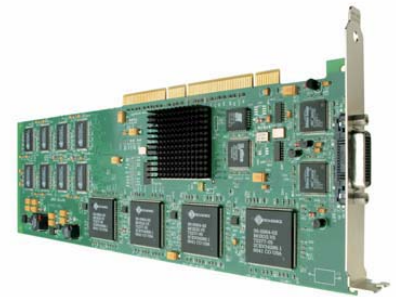


Product Brief



Raptor 2100 FPS

2048 x 2048 Color Video Graphics Digital Flat Panel Subsystem



Raptor 2100 FPS Features and Benefits

- 28" LCD display
- Brightness: 225 cd/m²
- Contrast: 450:1
- 170° wide viewing angle
- Analog and digital (DVI) inputs
- 2048x2048 resolution
- Software configurable display
- High performance graphics
- Hardware support for MOX
- Proven technology for ATC

The Tech Source Raptor 2100 FPS is a digital flat panel subsystem specially designed for high resolution and high performance color graphics display applications such as Air Traffic Management (ATM) and Vessel Traffic Control (VTC). Comprised of a single-slot PCI card (Raptor 2500T-DL) and a 28" LCD monitor (Raptor 2000 LCD), this subsystem provides all the features and benefits desired in these applications. These features include 2048x2048 resolution, multiple overlay capability, excellent performance and high reliability. This subsystem uses a standard Dual-Link DVI interface between the graphics card and the display.

The Raptor 2500T-DL card is based on a Tech Source TROZ graphics processor.

The processor has a 256-bit wide data bus and offers the best performance among all solutions available to the ATC industry. With support for overlays in hardware, it offers applications the flexibility and the optimization to support multiple overlay planes with minimum (if any) performance impact. Software is based on standard X Windows and supports other third party cards in a multi-screen configuration.

The Raptor 2000 LCD provides the brightest and the clearest picture of any comparable monitor in the industry. It also has the best viewing angle in the industry. With OSD (on screen display) and RS-232/422 interfaces, the display product is highly configurable. This LCD flat panel is available in multiple mechanical designs.

Raptor 2100 FPS Technical Specifications

Graphics Card Specifications

| | |
|---------------------------------|---|
| On-board Memory | 64 MB |
| Color Lookup Tables | One primary table (2048 entries), two auxiliary (256 entries each) |
| Number of Dynamic Layers | 32 |
| PCI Interface | 33/66 MHz 32/64-bit Revision 2.2 |
| Power Consumption | Less than 25 W |
| Physical Specifications | 12.283 x 4.2 in (312mm x 107mm) |

Flat Panel Monitor Specifications

| | |
|--------------------------|--|
| Screen Size | 28 in. (71.12 cm) diagonal |
| Display Size | (V) 19.75 x (H) 19.75 in. |
| Pixel Resolution | 2048 x 2048 |
| Pixel Pitch | 103 ppi |
| Brightness | 225 cd/m² |
| Contrast Ratio | 450:1 |
| Viewing Angle | 170° |
| Weight | 61.73 lbs (28K) |
| Power Consumption | 110 W - 150 W (depending on brightness) |

Environmental Specifications

| | |
|------------------------------|--|
| Operating Temperature | 50° to 104° F (10° to 40° C) |
| Storage Temperature | 4° to 140° F (-20° to 60° C) |
| Humidity | 95% relative humidity, non-condensing |

Software Environment

Loadable drivers and X Window support for: Sun Solaris, AIX Tru64 UNIX, Linux (Red Hat & SUSE), HP-UX, OpenVMS, Windows 2000 and Windows XP



Easily replaceable backlights

Tech Source

3340 Edgewater Dr.
Orlando, FL 32804
407.262.7100

www.techsource.com

Tech Source, the Tech Source logo, and Raptor 2100 FPS are trademarks of Tech Source, Inc. All other trademarks are the property of their respective owners. ©2006 Tech Source, Inc. All rights reserved. Information in this document is subject to change without notice. Tech Source, Inc. assumes no responsibility for errors or omissions that may appear in this document.