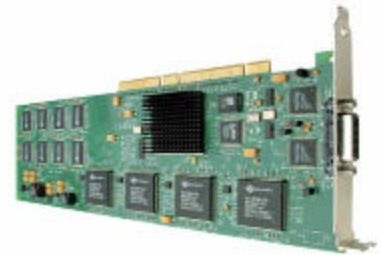




# Raptor 2500 FPS

2560 x 2048 Color Video Graphics  
Digital Flat Panel Subsystem



## Raptor 2500 FPS

### Features and Benefits

- Fully end-to-end digital system
- Compatible with existing ATC systems
- 28.3" LCD display
- 100% brighter and clearer than analog displays
- Highest resolution available - 2560 x 2048
- 85% lighter weight, 66% power reduction
- Software-controllable brightness and contrast
- MOX-compatible, multilayered display

The Tech Source Raptor 2500 FPS is a digital flat panel display subsystem designed for use in high resolution, high performance, color graphics applications such as Air Traffic Management and Vessel Traffic Control. Consisting of a single-slot PCI card and a 28.3" flat panel monitor, it provides a comprehensive array of high-end graphics capabilities including 2560 x 2048 resolution, 2560 displayable colors and 32 independently addressable overlays.

The digital flat panel monitor, designed to fit in existing ATC consoles, is 85% lighter and consumes

66% less power than current analog displays. In addition, it is 100% brighter than analog displays and has software-controllable brightness adjustments.

Multiple overlay configuration is supported through the published X Server Extension called MOX (Multiple Overlay eXtension). Double buffering is available using standard software interfaces such as MBX (Multi-Buffering extension for X Server) and DBE (Double Buffering Extension). Specialized hardware performs back buffer screen erases at extremely high speeds.

# Raptor 2500 FPS Technical Specifications

**Raptor 2500 FPS** Landscape flat panel subsystem includes a Raptor 2500 Digital 2560 x 2048 display controller, a 28.3" 2560 x 2048 Digital Flat Panel display, cables, software drivers and manuals.

## 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
Video Interface	DVI
Power Consumption	25Less than 25W
Physical Specifications	(L) 12.283 x (H) 4.2 in (PCI long format)

## Flat Panel Monitor Specifications

Screen Size	28.3 in. (71.8 cm) diagonal
Display Size	(V) 17.7 x (H) 22.1 in. [(V) 44.9 x (H) 56.1 cm]
Pixel Resolution	2560 x 2048
Pixel Pitch	(H) 0.219 x (V) 0.219 mm
Brightness	225 cd/m <sup>2</sup>
Contrast Ratio	400:1
Weight	88 lbs (44 kg)
Power Consumption	144 W
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 OS Tru64 UNIX, Linux (Red Hat & SUSE), HP-UX, OpenVMS, Windows 2000 and Windows XP
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# Tech Source

3340 Edgewater Dr.  
Orlando, FL 32804  
407.262.7100

[www.techsource.com](http://www.techsource.com)

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