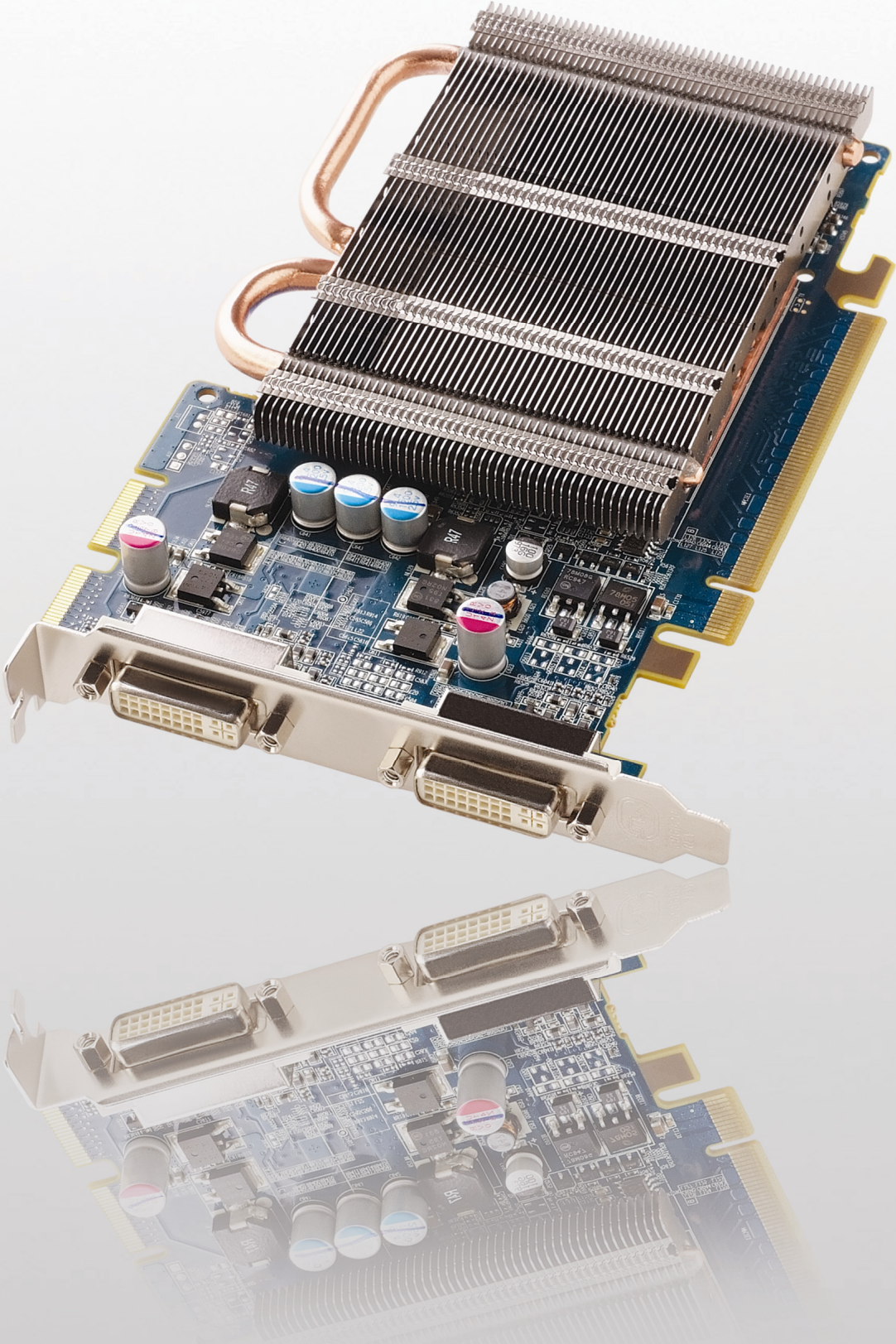


# Tech Source

An EIZO Group Company

High-Performance Graphics Board  
for Embedded Systems Applications

## Condor™ 2000 PCIe



# High-Performance Graphics Board for Embedded Systems Applications

## Condor™ 2000 PCIe

The Tech Source Condor 2000 PCIe is a high performance graphics/video board that supports low or high resolution digital and analog monitors. It is designed for use in markets and programs that have very long deployment cycles. The product offers long product life cycle and long-term support. With 320 built-in shader processors, it can also be used for GPGPU computing. The card uses specially designed high-tech passive cooling that eliminates the need for a fan, thereby increasing life expectancy.

### Multiple Resolution Support

The Condor 2000 PCIe has two DVI-I outputs for simultaneous display on digital and/or analog monitors. It can drive digital monitors with resolutions up to 2560 × 2048 and analog monitors with resolutions up to 2048 × 1536.

### OpenGL/DirectX Support

The Condor 2000 PCIe supports OpenGL 3.3 and has 320 shader processors that allow for both fast OpenGL performance and solid GPGPU computing (OpenCL and STREAMS). The product also supports DirectX 10.1 under Windows.

### Maximum Performance

With 512 MB of GDDR3 (700MHz) on-board memory, the Condor 2000 PCIe offers excellent drawing performance that is comparable to other premier graphics boards on the market. The powerful on-board GPU has built-in capability for H.264, VC-1 and MPEG-2 decoding with superior video playback fidelity and minimum CPU utilization.

### Long-Term Availability

Like other Condor series graphics boards, the Condor 2000 PCIe will be available for at least five years and supported for several more years. The Condor 2000 PCIe's long life avoids the re-testing required every time a new graphics card is introduced, thereby reducing the total cost of ownership.

### Passive Cooling

The Condor 2000 PCIe uses specially designed high-tech passive cooling that eliminates the need for a fan, thereby increasing life expectancy.

### Ruggedization

The product is available at several ruggedization levels. For more information, email [embeddedgraphics@techsource.com](mailto:embeddedgraphics@techsource.com). Optional conformal coating for the board is also available.

### About Tech Source

Tech Source, Inc. has provided computer graphics hardware solutions to the ATC and defense markets for over 22 years. Tech Source is a subsidiary of Eizo Nanao Corporation, a leading global manufacturer of high-end display monitors. The companies offer combined expertise, cutting-edge graphics solutions, and complementary product lines for ATC, defense, and other mission-critical markets.

### Specifications

Graphics/Memory Speed	600 Mhz/700 Mhz
Frame Buffer Memory	128-bit, 512MB, GDDR3
Color	16.7 million colors (24-bit)
Interface	33/66 MHz 32/64-bit Revision 2.2
Dynamic Color Plane Groups	32
Maximum supported resolutions	Digital: 2560 x 2048 or 2650 x 1600 Analog: 2048 x 1536
Video Connectors	DVI-I x 2
Temperature Rating	Operating: 10°C to 50°C (50°F to 122°F) Non-operating: -10°C to 70°C (14°F to 158°F) Extended temperature versions available
Conformal Coating	Optional
Shock/Vibration	Rugged versions available
Humidity Rating	10% to 90% (non-condensing)
Power Rating	Less than 40 watts
Dimensions (L x H x W)	17.5 cm x 1.9 cm x 11.1 cm (6.9" x 0.7" x 4.4")
Platforms	Linux (x86), Windows 7, Vista, and XP. Other RTOS (like VxWorks) support also available, at additional cost
API's supported	OpenGL 3.3, DirectX 10.1
Warranty	One year



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