Tech Source
An EIZO Group Company

FOR IMMEDIATE RELEASE

Tech Source Releases CUDA-Powered Condor GR2 3U VPX GPGPU Graphics Card with General Purpose Processer

- *The Condor GR2 3U VPX card uses NVIDIA's Maxwell GPU architecture and GeForce GTX-850M processor with 640 shader units clocked at 876 MHz*

Altamonte Springs, Florida, January 27, 2015 – Tech Source, Inc., an independent supplier of high performance embedded video, graphics, and high end computing solutions, released the Condor GR2 3U VPX, a rugged 3U VPX form factor graphics/video card with general-purpose graphics processing unit (GPGPU) capability, developed specifically for supporting CUDA™.

The new card is based on the leading edge NVIDIA® GeForce GTX-850M processor – offering 640 shader units clocked at 876 MHz and 2 GB of GDDR5 memory – and uses NVIDIA's Maxwell GPU architecture. The Condor GR2 3U VPX will target those developing graphics and video processing applications using the CUDA architecture as well as the industry-standard OpenCL™ programming language.

The Condor GR2 3U VPX graphics/video card is designed for very high performance parallel computing in rugged environments such as avionics, manned and unmanned video streaming, radar, sonar, image analysis, and security/surveillance applications. The 3U VPX form factor also offers higher power tolerance and hence higher performance compared to smaller rugged form factors.

Selwyn L. Henriques, president and CEO of Tech Source Inc., commented, "Our new CUDA-powered VPX card delivers very high GPGPU performance with processing speeds of over 1 teraflop per second. With NVIDIA's Maxwell micro architecture on board and its Streaming Multiprocessing capability, the new card offers dramatically improved power efficiency, control logic partitioning, workload balancing, clock-gating granularity and instruction scheduling."

The new Condor VPX card is available in conduction cooled or air cooled variants and supports PCI Express 3.0 (4, 8 or 16 lane) when mated with compatible SBCs. Two DisplayPort++ outputs are available from the rear VPX connectors. GPGPU application software development is accelerated with an API supplied by NVIDIA.

Tech Source has been developing graphics solutions for air traffic control, military, and embedded applications for over 27 years. The ISO9001:2008 certified company offers a range of commercial off-the-shelf (COTS) products, including graphics processors targeted at GPGPU applications, video input solutions, video compression and streaming boards,

imaging cards, recording solutions and software libraries. Key markets include airborne, shipboard, unmanned aerial vehicles (UAV), and ground-based systems.

For more information on the Condor GR2 3U VPX card or any other product from Tech Source, please visit www.techsource.com, email embeddedgraphics@techsource.com or call +1 (407) 262 7100.

A technical data sheet is available at:
www.techsource.com/support/brochures/pdfs/Condor_GR2_3U_VPX.pdf

-ends-

About Tech Source (www.techsource.com)

Tech Source, Inc. has provided computer graphics hardware solutions to the air traffic control and defense markets for over 27 years. Tech Source is a group company of EIZO Corporation, a visual technology company that develops and manufactures high-end display solutions. The companies offer combined expertise, cutting-edge graphics solutions, and complementary product lines for ATC, defense, and other specialty markets.

All company and product names are trademarks or registered trademarks of their respective companies. Tech Source is a trademark, and EIZO is a registered trademarks of EIZO Corporation.

Media contact:

Bill Fox
Tech Source, Inc.
Phone: +1 (407) 262-7100
Email: embeddedgraphics@techsource.com