FOR IMMEDIATE RELEASE

RADX Announces Trifecta-GPU PXIe/CPCIe Modules

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RADX Trifecta COTS, PXIe/CPCIe GPU Module Brings Easy-to-Program NVIDIA RTX A2000 Embedded GPU with 8.3 FP32 TFLOPS Compute Performance to Modular T&M and EW Markets for Advanced, Software-Defined, Signal Processing and Machine / Deep Learning Inference Applications

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Washington DC Convention Center, USA, Wednesday, 26OCT2022, RADX® Technologies, Inc. ("RADX"), today at the Association of Old Crows (AOC) 2022 Annual Convention, announced the Trifecta-GPU™ Family of COTS PXIe/CPCIe GPU Modules. Trifecta-GPUs are the first COTS products that bring the extreme compute acceleration and ease-of-programming of NVIDIA® RTX® A2000 Embedded GPUs to PXIe/CPCIe platforms for modular Test & Measurement (T&M) and Electronic Warfare (EW) applications.

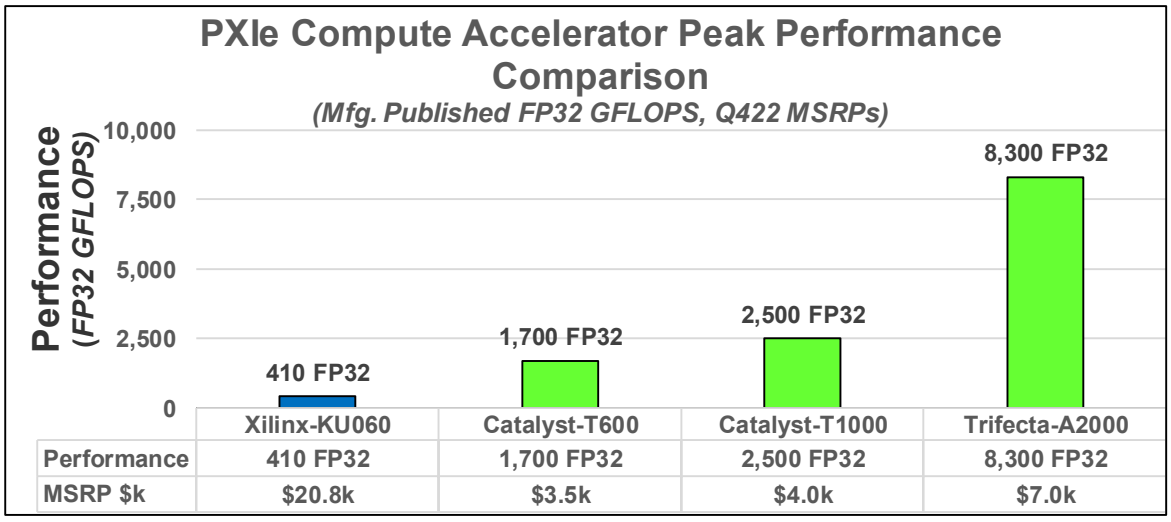
Designed to complement RADX Catalyst-GPU products announced earlier this year, Trifecta-GPUs deliver even greater compute performance by employing NVIDIA RTX Embedded GPUs. The Trifecta-GPU model introduced at AOC 2022 is based on the RTX A2000, which features 8GB of GDDR6 DRAM, PCIe Express 4.0 and up to 8.3 FP32 TFLOPS peak compute performance. As with Catalyst-GPUs, Trifecta-GPUs feature comprehensive support for MATLAB™, Python, and C/C++ programing, as well as industry-best support for virtually all popular computing frameworks, making Trifecta-GPUs easy-to-program for both Windows and Linux operating environments. With their extreme levels of performance, Trifecta-GPUs are ideal for the most demanding Signal Processing, Machine Learning (ML) or Deep Learning (DL) inference applications for AI-based signal classification and geolocation, semiconductor & PCB testing, failure prediction, failure analysis, and other important missions.

Trifecta PXIe/CPCIe GPUs – Flexible and Scalable

Many PXIe and CPCIe chassis are limited to 38W/Slot for input power and thermal dissipation. To address this, Trifecta-GPUs are available in both single and dual-slot configurations, with dual-slot configurations for 38W/Slot conventional and legacy chassis and single-slot configurations for NI Chassis that support 58W/Slot and 82W/Slot.

With peak performance of 8.3 FP32 TFLOPS, the new Trifecta A2000 GPU delivers compute acceleration that's almost 5x that of the Catalyst T600 GPU and over 20x that of a Xilinx® Kintex® Ultrascale® KU060 FPGA. Until now, this level of compute acceleration has not been available in PXIe/CPCIe systems. With Catalyst and Trifecta PXIe-GPUs, users can now conduct fast and accurate signal analysis and machine and deep learning on acquired data - directly in the PXIe/CPCIe systems where the data is acquired.

"With over 8.3 FP32 TFLOPS, the Trifecta A2000 GPU brings remarkable compute acceleration and compelling price-performance to PXIe systems," said Ross Q. Smith, RADX Co-founder and CEO. "Combined with the flexibility of single and dual-slot configs, long life cycle support, and ease-of-programming, Catalyst and Trifecta-GPUs enable PXIe users and integrators to develop their GPU-accelerated software once, and then select the Catalyst or Trifecta GPU that's appropriate for their application and budget, for both legacy and new systems, without changing their software."



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RADX Trifecta PXIe GPU with NVIDIA RTX A2000 GPU Brings 8.3 FP32 TFLOPS Compute Performance to Modular T&M and EW Markets for Advanced, Software-Defined, Signal Processing and Machine / Deep Learning Inference Applications

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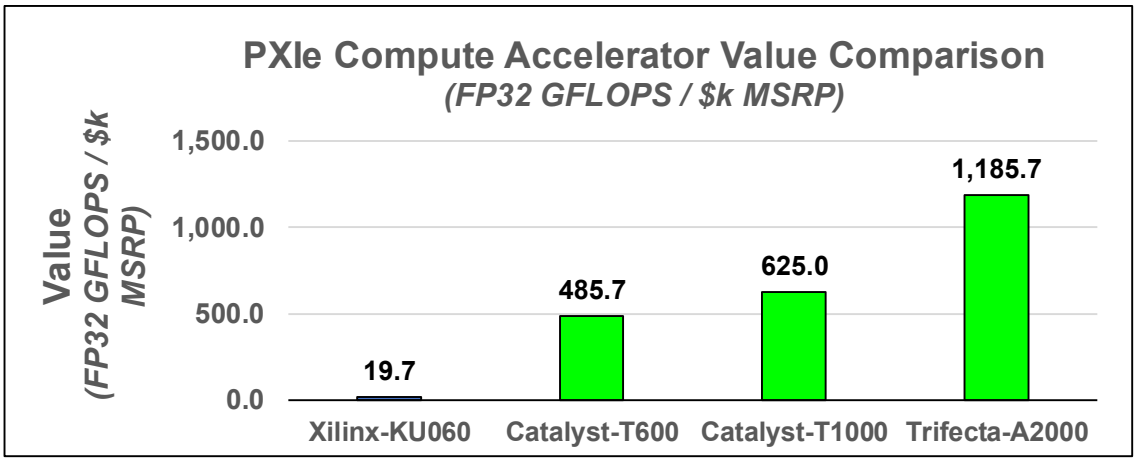
Easy-to-Program via MATLAB, Python, C/C++ and LabVIEW



One of the most important aspects of Catalyst and Trifecta GPUs are their ease-of-programming, which stems from their underlying NVIDIA GPUs that support programming via MATLAB™, Python and C/C++ that enables compute acceleration via NVIDIA CUDA® and OpenCL®. This ease-of-programming has resulted in NVIDIA GPUs becoming the most popular compute accelerators in the world today - with millions of engineers, developers and computer scientists using NVIDIA GPUs to accelerate their applications. Catalyst and Trifecta GPUs support both Windows and Linux operating environments. In addition, Catalyst and Trifecta GPUs support popular AI and other frameworks, including LabVIEW™, MATLAB™, TensorFlow, PyTorch, RAPIDS AI and RAPIDS cuSignal, to name a few.

"Calling Python, C/C++ or MATLAB libraries from LabVIEW is straight forward and efficient because of the facilities NI has integrated into LabVIEW, so adding Catalyst or Trifecta GPU acceleration to LabVIEW-based PXIe applications is relatively quick and easy," said Matt Dennie, Director of Engineering and Certified LabVIEW Architect at Acquired Data Solutions (ADS). "This ease-of-integration means we can incorporate scalable, portable, and affordable GPU acceleration into LabVIEW apps in significantly less time and with greatly improved portability than we could do with FPGAs."

About Trifecta-GPUs

Trifecta-GPU models announced today include single and dual-slot versions of the embedded RTX A2000 GPU, which are available in a single-slot and a dual-slot PXIe module. Trifecta-GPUs support PCIe Gen 4 x8 interfaces for optimal, future-proof performance and 4 x miniDP outputs for multi-monitor applications with resolutions up to 4k. The Trifecta A2000 GPU supports 8GB of GDDR6 memory, up to 8.3 FP32 TFLOPs and a Total Graphics Power (TGP) of 58W. The single-slot module is ideal for NI PXIe-1092 or PXIe-1095 chassis, which support 58W/Slot or 82W/Slot. The dual-slot version dissipates 29W/Slot TGP, which makes it suitable for all NI and 3rd-party PXIe chassis. For more info on Trifecta-GPUs, please visit www.radxtech.com/products/trifecta-gpu.

Pricing and Availability

Trifecta A2000 Single-Slot and Dual-Slot GPUs have list prices of $6,999 and $7,499, respectively. Lead time for single units is typically 30 days, starting in Q123. Trifecta-GPUs are BAA & TAA Compliant and will be available on GSA via TestMart (https://tinyurl.com/muk72crx).

Available on GSA via gsamart by testmart

About RADX

Founded in 2011, RADX Technologies, Inc., is a high-tech small business that develops COTS, High Performance Computing (HPC) hardware and software products that enable advanced signal processing, data acquisition, and ML/DL AI inference applications for SDR and PXIe/CPCIe platforms and T&M and EW markets. As an NI Alliance Silver Partner, RADX focuses on products and solutions, including the Trifecta and Catalyst Family of PXIe/CPCIe Modules and Transform-X™ Software Examples that complement the NI PXIe and USRP product lines. RADX products are BAA / TAA compliant and are available on GSA from TestMart at https://tinyurl.com/muk72crx. RADX is headquartered in California with development locations in UT, NM, and India. For more info on RADX, please visit www.radxtech.com, email info@radxtech.com or call +1 (619) 677-1849 x1.

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