RADX® TECHNOLOGIES, INC.
Knowledge is Good!

Cost-Effective, COTS, High-Performance Computing (HPC) Products for Modular T&M, EW and SDR Markets

PXIe Data Storage: Trifecta-SSD™ RAID & RM

MFG IN THE USA

PXIe (GbE) NICs: Catalyst-GbE™

MFG IN THE USA

PXIe GPUs: Catalyst-GPUs™ & Trifecta-GPUs™

MFG IN THE USA

BAA / TAA Compliant

Silver Partner RF AND WIRELESS

Available on GSA via gsamart by testmart
tinyurl.com/muk72crx

RADX Technologies, Inc.
info@radxtech.com
+1 (619) 677-1849 x1
555 Bryant Street, #349
Palo Alto, CA 94301

www.radxtech.com

RADX COTS PXIe GPUs

Bring the Power of Easy-to-Program, High-Perf, Cost-Effective NVIDIA® GPUs to PXIe/CPCIe Systems
Ideal for Advanced2D/3D, Multi-Monitor, 4k / 8k Graphics and GPU-Accelerated Signal Processing, Machine/Deep Learning (ML/DL) Inference for Compute Intensive EW & T&M Applications

Patent Pending

Catalyst-GPU™
www.radxtech.com/catalyst-gpu

NVIDIA QUADRO

MFG IN THE USA

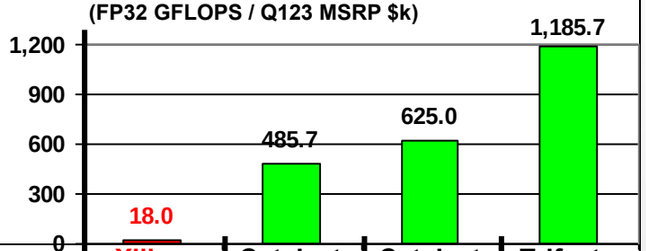
BAA / TAA Compliant

Trifecta-GPU™
www.radxtech.com/trifecta-gpu

BAA / TAA Compliant

NVIDIA RTX

PXIe Compute Accelerator Value Comparison
(FP32 GFLOPS / Q123 MSRP $k)



	Xilinx-KU060	Catalyst-T600	Catalyst-T1000	Trifecta-A2000
MAX FP32 GFLOPS	410	1,700	2,500	8,300
Q123 MSRP $k	$22.8k	$3.5k	$4.0k	$7.0k
VALUE (GFLOPS/$k)	18.0	485.7	625.0	1,185.7

- Supports NVIDIA CUDA or OpenCL® GPU-Accelerated DSP and ML/DL Inference Apps Under MS Windows and Linux with Multiple-TFLOP Level Performance
- Easy-to-Program via MATLAB, LabVIEW, Python and C/C++ with Optimized Support for Popular DSP & ML/DL Libraries and Frameworks including RAPIDS AI & cuSignal, PyTorch, TensorFlow, NGene CuLab, NGene DeepLTK and others
- Supports Multi-Million Sample FFTs (well beyond FPGA Limits) for Unmatched RBW and Industry-Best LPI Signal Detection & Classification
- Up to 200x Faster than CPUs on DSP & ML/DL Inf Apps
- Available RADX Transform-X Examples and Libraries for Accelerated Application Development
- Rapid Delivery: ~30 Day Typical Leadtime (H123)

NVIDIA CUDA · LabVIEW · python · C · C++ · MathWorks · NGene engineering in our genes · RAPIDS AI & cuSignal · PyTorch · TensorFlow · OpenCL

FAMILY	MODEL (P/N)	NVIDIA GPU	FP32 TFLOPS	CORES	GDDR6	PXIe SLOTS	WATTS / SLOT	Q123 MSRP
Catalyst-GPU	PXIe-GPU-T600-4GB-1SP	Quadro T600-4GB	1.7	640 CUDA	4GB / 160GB/Sec	1	38W/Slot	$3,499
	PXIe-GPU-T1000-8GB-1SP	Quadro T1000-8GB	2.5	896 CUDA	8GB / 160GB/Sec	1	50W/Slot	$3,999
Trifecta-GPU	PXIe-GPU-A2000-8GB-1SM	RTX-A2000 MXM 3.1 Type A	8.3	2,560 CUDA / 20 RT / 80 Tensor	8GB / 192GB/Sec	1	58W/Slot	$6,999
	PXIe-GPU-A2000-8GB-2SM					2	29W/Slot	$7,999

www.radxtech.com • email: info@radxtech.com • +1 (619) 677-1849 x1 • TestMart (GSA): tinyurl.com/muk72crx

 Version 2.1 17MAR2023

RADX COTS PXIe Data Storage

Trifecta-SSD™-RAID

www.radxtech.com/trifecta-ssd-rm

Cost-Effective, Extreme-Performance, Single-Slot, PXIe/CPCIe, NVMe M.2 SSD RAID Data Storage Modules

- **For Ultra-Wideband, PXIe RF & IF, DSO & Digitizer Record, Playback and Analysis Systems**
- **Industry Leading Single-Slot SSD RAID Capacity: 8, 16, 24, 32 or 64 TB per Slot**
- **Industry Leading Performance: Up to 7+ GB/Sec Sustained, Sequential R/W with NO Write Hiccups**
- **> 12+ GB/Sec Sustained, Sequential R/W with 2 Modules in Software RAID-0**
- **Industry Leading Price / Performance (TB/$k)**
- **~30 Day Typical Leadtime**

Trifecta-SSD-RM MODEL (P/N)	UNFORMATTED CAPACITY	Q123 MSRP
PXIe-SSD-4M.2F-8TB-SS	8TB	$6,999
PXIe-SSD-8M.2F-16TB-SS	16TB	$9,999
PXIe-SSD-8M.2F-24TB-SA	24TB	$17,999
PXIe-SSD-8M.2F-32TB-SA	32TB	$21,999
PXIe-SSD-8M.2F-64TB-SA	64TB	$34,999

Trifecta-SSD™-RM

www.radxtech.com/trifecta-ssd-rm

Low-Cost, High-Performance, Single-Slot, PXIe/CPCIe Data Storage Modules with Removable NVMe M.2 SSD Data Cartridges

- **Ideal for Applications Requiring Rapid Security Level Changes, System Backups, and/or Test Environment Changes**
- **Easy to Remove, Replace & Upgrade NVMe M.2 SSD Data Cartridges 1, 2, 4 or 8 TB M.2**
- **1 to 8 TB / Slot: 2x to 16x the Capacity of Typical 500GB Embedded Controller SSDs**
- **Up to 3.5 GB/Sec Seq. R/W Performance: ~7x Faster than Embedded Controller SATA3 SSDs**
- **> 6+ GB/Sec Seq. R/W Perf with 2 Modules in SW RAID-0**
- **~30 Day Typ. Leadtime**

Trifecta-SSD-RM MODEL (P/N)	INCLUDED REMOVABLE SSD CARTIDGE	Q123 MSRP
PXIe-SSD-1M.2R-1TB-SS	1TB	$1,999
PXIe-SSD-1M.2R-2TB-SS	2TB	$2,499
PXIe-SSD-1M.2R-4TB-SA	4TB	$3,499
PXIe-SSD-1M.2R-4TB-SA	8TB	$4,999

www.radxtech.com ● email: info@radxtech.com ● +1 (619) 677-1849 x1 ● TestMart (GSA): tinyurl.com/muk72crx

 Version 2.1 17MAR2023

RADX COTS PXIe NICs

Catalyst-GbE™

www.radxtech.com/catalyst-gbe

Cost-Effective, Single-Slot, High-Performance PXIe/ CPCIe GbE NICs with Rapid Delivery

- **Based on RADX Patent-Pending Catalyst-X™ Carrier Card Design with PCIe Gen4 x8 Support**
- **Featuring NVIDIA® Mellanox® CX5 and Intel® XL710-BM1-Based PCIe NICs with Support for RDMA (iWARP, RoCEv2, GPUDirect) & IPsec Offload**
- **4x10GbE NICs with 4 x SFP+ Transceivers (XL710-BM1)**
- **2x25/10GbE with 2 x SFP28 Transceivers (CX5)**
- **2x100GbE with 2 x QSFP28 Transceivers (CX5)**
- **OEM Configurations Available**
- **~30 Day Typical Leadtime (Q223)**

Catalyst-GbE MODEL (P/N)	PCIe NIC	TRANS-CEIVERS	W / SLOT	Q123 MSRP
PXIe-GbE-**4x10GbE**-XL710	Intel XL710-BM1	4 x SFP+		$3,999
PXIe-GbE-**2x25/10GbE**-CX5	NVIDIA Mellanox MCX512A-ACAT	2 x SFP28	~16	$2,999
PXIe-GbE-**2x100GbE**-CX5	NVIDIA Mellanox MCX516A-CCAT	2 x QSFP28	~25	$4,999

www.radxtech.com ● email: info@radxtech.com