



Cost-Effective, COTS Products for High-Performance Modular T&M Applications: EW, CV, SDR, ML/DL, Mfg. Q/A & Automotive AD/ADAS
Knowledge is Good!

PXle Data Storage: Trifecta-SSD™ RAID & RM

MFG IN THE USA

BAA / TAA Compliant

RAID 8TB to 64TB

Removable and Replaceable 1TB to 8TB

PXle (GbE) Ethernet NICs: Catalyst-GbE™

MFG IN THE USA

BAA / TAA Compliant

4 x 10GbE
2 x 10/25GbE
2 x 100GbE

PXle GPUs: Catalyst-GPUs™ & Trifecta-GPUs™

Select Products

MFG IN THE USA

BAA / TAA Compliant

Quadro T600
Quadro T1000
RTX A2000
Ada RTX 2000



Available on GSA via

gsamart
By testmart

tinyurl.com/muk72crx

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

www.radxtech.com



PXle (In-Chassis) GPUs

Eliminates the Need for External GPU Servers

Easy-to-Program, High-Performance, Cost-Effective, COTS NVIDIA® GPUs for PXle Systems
 Ideal for Compute-Intensive CV, EW and T&M Applications that Can Benefit from Software-Defined, GPU-Accelerated Signal, Image & Video Processing and Machine Learning / Deep Learning (ML/DL) Inference Processing

Catalyst-GPU™

www.radxtech.com/catalyst-gpu

Patent Pending

MFG IN THE USA

BAA / TAA Compliant

QUADRO

Trifecta-GPU™

www.radxtech.com/trifecta-gpu

BAA / TAA Compliant

RTX

Supports NVIDIA Chat with RTX

PXle Compute Accelerator Value Comparison (FP32 TFLOPS / \$k MSRP Q224)

Need Even More GPU Memory and Performance?

Ask about RADX Catalyst-C2X™ PXle eGPUs with Ada RTX 6000 for up to 91 FP32 TFLOPs and 48GB GDDR6!

	0.02	0.63	1.19	1.44

	NI PXle-7915 KU060 4GB FPGA	PXle-GPU-T1000 8GB	PXle-GPU-A2000 8GB	PXle-GPU-Ada RTX2000 8GB
FP32 TFLOPS	0.41	2.5	8.3	12.99
Q224 MSRP \$k	\$22.8k	\$4.0k	\$7.0k	\$9.0k
VALUE (FP32 TFLOPS / MSRP \$k)	0.02	0.63	1.19	1.44

- Supports **NVIDIA CUDA & OpenCL** GPU-Accelerated Image, Video, & Signal Processing and ML/DL Inference Apps Under MS Windows & Linux with **1.7 to ~13 FP32 TFLOP Performance**
- **Up to 200x Faster than CPUs** on CV, IP, DSP & ML/DL Inf Apps
- **Easy-to-Program via MATLAB, LabVIEW, Python and C/C++** with optimized support for popular Analysis, Signal, Image and Video Processing and AI ML/DL Libraries & Frameworks including RTX Chat:
- Supports **1k to 8M Sample FFTs** and other kernels, well beyond FPGA 64k FFT Sample Limits, for Unmatched RBW and Industry-Best LPI Signal Detection & Classification
- Supports **NVIDIA NVENC/NVDEC** Dedicated Video Encode / Decode Hardware for real-time 2k, 4k and 8k Video Compression / Decompression on multiple video streams
- **Rapid Delivery: ~30 Day Typical Leadtime**



FAMILY	RADX PXle-GPU MODEL (P/N)	NVIDIA GPU	FP32 TFLOPS	CORES	NVENC / NVDEC	GDDR6	PXle SLOTS	WATTS / SLOT	Q224 MSRP
Catalyst-GPU	PXle-GPU-T600-4GB-1SP	Quadro T600-4GB	1.7	640 CUDA	1 x NVENC	4GB / 160 GB/Sec	1	38W/Slot	\$3,499
	PXle-GPU-T1000-8GB-1SP	Quadro T1000-8GB	2.5	896 CUDA	1 x NVDEC	8GB / 160 GB/Sec	1	50W/Slot	\$3,999
Trifecta-GPU	PXle-GPU-A2000-8GB-1SM	RTX-A2000-8GB MXM 3.1 Type A	8.3	2,560 CUDA 20 RT 80 Tensor	1 x NVENC 2 x NVDEC	8GB / 192 GB/Sec	1	58W/Slot	\$6,999
	PXle-GPU-A2000-8GB-2SM						2	29W/Slot	\$7,999
	PXle-GPU-A2000-8GB-1SM-RP	1	35W/Slot	\$6,999					
	*** NEW Ada GPU! *** PXle-GPU-AdaRTX2000-8GB-1SM	RTX-2000-8GB MXM 3.1 Type A	12.99	3,072 CUDA 24 RT 96 Tensor	1 x NVENC 1 x NVDEC	8GB / 256 GB/sec	1	58W/Slot	\$8,999

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

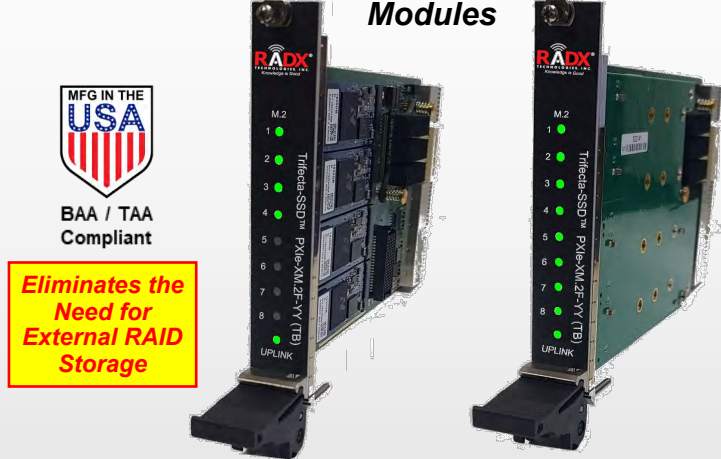
© Copyright 2023 & 2024, RADX Technologies, Inc. All Rights Reserved. 17MAY2024 V2.12

RADX[®] PXIe Data Storage

Trifecta-SSD™-RAID

www.radxtech.com/trifecta-ssd-raid

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



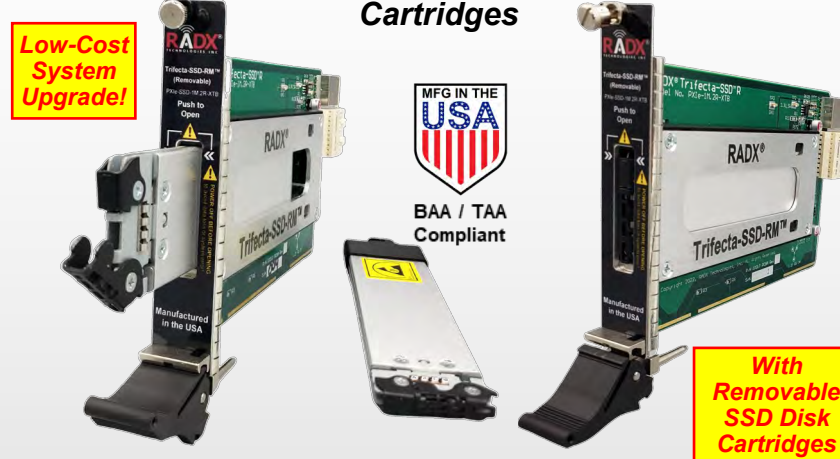
- For Ultra-Wideband, PXIe RF & IF, DSO, Digitizer & Video Capture, Record, Playback and Analysis Systems
- Industry Leading Single-Slot SSD RAID Capacity: **8, 16, 24, 32 or 64 TB per Slot**
- Industry Leading Performance: **Up to 8 x M.2 NVMe SSDs and PCIe Gen 3 x8 for up to 7.1 GB/Sec Sustained, Sequential 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)
- **Rapid Delivery: ~30 Day Typical Leadtime**

Trifecta-SSD-RAID MODEL (P/N)	UNF CAP	ENDURANCE	Q224 MSRP
PXIe-SSD-4M.2F-8TB-SS2	8TB	4.8 PBW	\$6,999
PXIe-SSD-8M.2F-16TB-SS2	16TB	9.6 PW	\$9,999
PXIe-SSD-6M.2F-24TB-SB2	24TB	18 PBW	\$14,999
PXIe-SSD-8M.2F-32TB-SB2	32TB	24 PBW	\$17,999
PXIe-SSD-8M.2F-32TB-HE2	32TB	40.8 PBW	\$19,999
PXIe-SSD-8M.2F-64TB-SB2	64TB	44.8 PBW	\$29,999

Trifecta-SSD™-RM

www.radxtech.com/trifecta-ssd-rm

COTS, Low-Cost, High-Performance, Single-Slot, PXIe Data Storage Modules with Removable SSD Data Cartridges



- Ideal for Applications Requiring Rapid Security Level Changes, Backups, and/or Test Environment Changes
- **Easy to Remove, Replace & Upgrade NVMe M.2 SSD Data Cartridges with 1, 2, 4 or 8 TB Capacity**
- **1, 2, 4 or 8 TB / Slot: 2x to 16x the Capacity of Typical 500GB Embedded Controller SSDs**
- PCIe Gen 3 x4 I/F with up to **3.5 / 3.0 GB/Sec Sequential R / W and 1.0 to 3.25 GB/Sec Sustained Sequential Write Performance: ~7x Faster than Embedded Controller SSDs**
- > 6+ GB/Sec Seq. R/W Perf with 2 Modules in SW RAID-0
- **Rapid Delivery: ~30 Day Typical Leadtime**

Trifecta-SSD-RM MODEL (P/N)	Q224 MSRP	INCLUDED SSD DATA CARTRIDGE	ADD'L DATA CARTRIDGE Q224 MSRP
PXIe-SSD-1M.2R-1TB-SS2	\$1,999	1TB (0.6 PBW)	\$749
PXIe-SSD-1M.2R-2TB-SS2	\$2,499	2TB (1.2 PBW)	\$999
PXIe-SSD-1M.2R-4TB-SB2	\$3,499	4TB (3.0 PBW)	\$1,999
PXIe-SSD-1M.2R-8TB-SB2	\$4,999	8TB (5.6 PBW)	\$3,499

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

© Copyright 2023 & 2024, RADX Technologies, Inc. All Rights Reserved. 17MAY2024 V2.12

RADX[®] PXIe GbE

Catalyst-GbE™

www.radxtech.com/catalyst-gbe

COTS, Cost-Effective, Single-Slot, High-Performance PXIe 10, 25 & 100GbE NICs with Rapid Delivery



- Based on RADX Patent-Pending Catalyst-X™ Carrier Card Design with PCIe Gen4 x8 Support
- Featuring **NVIDIA® Mellanox® CX6 and Intel® XL710-BM1 PCIe NICs**— all with Industry Leading Performance and Data Center Level Product Features
- **Support for RDMA (iWARP, RoCEv2, GPUDirect [NVIDIA Mellanox CX5 & CX6]) & IPsec Offload**
- **PXIe-2x100GbE-CX6 & PXIe-GbE-2x25/10GbE-CX6 Support IEEE-1588v2 Precision Time Protocol (PTP) and Synchronization**
- **Rapid Delivery: ~30 Day Typical Leadtime**

Catalyst-GbE MODEL (P/N)	PCIe NIC	TRANS-CEIVERS	W / SLOT	Q224 MSRP
PXIe-GbE-4x10GbE-XL710	Intel XL710-BM1	4 x SFP+	~10W	\$3,999
PXIe-GbE-2x25/10GbE-CX6	NVIDIA Mellanox MCX631102AN-ADAT	2 x SFP28	~13W	\$2,999
PXIe-GbE-2x100GbE-CX6	NVIDIA Mellanox MCX623106AN-CDAT	2 x QSFP28 / QSFP56	~27W	\$5,999

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