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External GPU Servers

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TECHNOLOGIES, INC.
PXle-GPUs™

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Easy-to-Program, High-Performance, Cost-Effective, COTS NVIDIA® GPUs for PXle Systems with 1.7 to 91.1 FP32 TFLOPS Compute Acceleration for Challenging AI, Signal, Image & Video Processing Applications

- 1.7 to 91.1 FP32 TFLOPS Performance for GPU-Accelerated AI (ML/DL/LLM), Image, Video, Graphics & Signal Processing Apps under Windows, Linux & RT-Linux
- 10x to 200x Faster FP32 Compute Performance vs. CPUs and FPGAs
- Support for up to 16M+ Sample FFTs and other kernels beyond FPGA 64k FFT Limits—for Unmatched RBW and Industry-Best LPI Signal Detection & Classification
- NVIDIA NVENC / NVDEC Hardware Video CODEC for real-time Encoding/Decoding on multiple 2k/4k/8k video streams
- Rapid Delivery: ~30 to ~60 Day Typical Lead Time
- Easy-to-Program via MATLAB, LabVIEW, Python & C/C++ with optimized support for popular Data, Signal, Image & Video Processing/Analysis & AI ML/DL & LLM Libraries & Frameworks

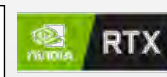
Catalyst PXle-GPUs™ Trifecta PXle-GPUs™



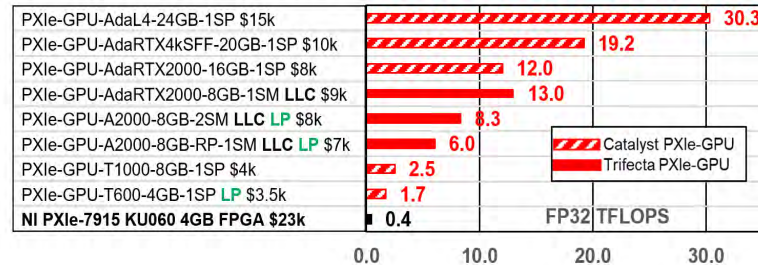
Orca-C2X™ PXle-eGPUs



Patent-Pending Catalyst PXle-GPUs and Orca-C2X PXle eGPUs are Designed & Assembled in the USA.



Select RADX PXle In-Chassis Compute Accelerator FP32 Perf 20NOV24



FAM	RADX PXle-GPU MODEL (P/N)	NVIDIA GPU	FP32 TFLOPS	C-R-T CORES	NVENC / NVDEC	GDDR6 (GB / GBPS)	PXle SLOTS	W / SLOT	ECCN	Q325 MSRP*
Catalyst & Orca-C2X (COO: US)	PXle-GPU-T600-4GB-1SP	Quadro T600 4GB	1.7	640-0-0	G6-1 / G4-1	4 / 160	1	38W	4A994.L	\$3,499
	PXle-GPU-T1000-8GB-1SP	Quadro T1000 8GB	2.5	896-0-0	G6-1 / G4-1	8 / 160	1	50W	4A994.L	\$3,999
	PXle-GPU-RTXA1k-8GB-1SP	Ampere RTX A1000 8GB	6.7	2,304-18-72	G7-1 / G5-1	8 / 192	1	50W	4A994.L	\$5,999
	PXle-GPU-AdaRTX2k-16GB-1SP	Ada RTX 2000 16GB	12.0	2,816-22-88	G8-2 / G5-2	16 / 240	1	72W	4A994.L	\$9,999
	PXle-GPU-AdaRTX4kSFF-20GB-1SP	Ada RTX 4000 SFF 20GB	19.2	6,144-48-192	G8-2 / G5-2	20 / 280	1	72W	4A994.L	\$11,999
	PXle-GPU-AdaL4DC-24GB-1SP	Ada L4 24GB	30.3	7,424-60-240	G8-2 / G5-4	24 / 300	1	72W	4A090.a	\$15,999
Trifecta (COO: TW)	PXle-C2X-G4x8-eGPU-AdaRTX6k	Ada RTX 6000 48GB	91.1	18,176-142-568	G8-3 / G5-3	48 / 960	1+ Enc	15W+	4A090.a	\$24,999
	PXle-GPU-A2000-8GB-1SM (LLC)	Ampere RTX A2000 8GB MXM 3.1 Type A	8.3	2,560-20-80	G7-1 / G5-2	8 / 192	1	58W	4A994.L	\$6,999
	PXle-GPU-A2000-8GB-2SM (LLC)		8.3	2,560-20-80	G7-1 / G5-2	8 / 192	2	29W	4A994.L	\$7,999
	PXle-GPU-A2000-8GB-1SM-RP (LLC)		6.03	2,560-20-80	G7-1 / G5-2	8 / 115	1	35W	4A994.L	\$6,999
	PXle-GPU-AdaRTX2k-8GB-1SM (LLC)	Ada RTX 2000 8GB MXM 3.1 Type A	12.99	3,072-24-96	G7-1 / G5-1	8 / 256	1	58W	4A994.L	\$8,999

*Note: Pricing is FOB San Jose and EXCLUDES US Import Tariffs for GPUs

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High-Performance
T&M Applications

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Assembled in the USA



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Assembled in the USA



PXle-GPUs: Catalyst, Trifecta & Orca-C2X

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APPLICATION SOLUTION & PRODUCT

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- Industry Leading 1-Slot SSD RAID Capacity: 8 to 64 TB / Slot
- Industry Leading Performance: 6 or 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 Sus. Seq. R/W with 2 Modules in SW RAID-0)
- Industry Leading Write Endurance—up to 80 PBW
- Available as Non-Hybrid (“-NHS” Option, \$1k Add’l Fee)
- Industry Leading Price / Performance (TB/\$k)
- Rapid Delivery: ~30 Day Typical Leadtime for Small Orders

Trifecta PXIe-SSD-RAID MODEL (P/N)	UF CAP	ENDURANCE (PBW)	Q325 MSRP*
PXIe-SSD-4M.2F-8TB-SB2	8 TB	4.8 PBW	\$6,999
PXIe-SSD-8M.2F-16TB-SB2	16 TB	9.6 PW	\$9,999
PXIe-SSD-6M.2F-24TB-SB2	24 TB	18.0 PBW	\$14,999
PXIe-SSD-8M.2F-32TB-SB2	32 TB	24.0 PBW	\$17,999
PXIe-SSD-8M.2F-32TB-NE2	32 TB	40.0 PBW	\$21,999
PXIe-SSD-8M.2F-64TB-SB2	64 TB	44.8 PBW	\$29,999
PXIe-SSD-8M.2F-64TB-NE2	64 TB	80.0 PBW	\$31,999

- 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 8TB / Slot Capacity—2x to 16x Typical 500GB Embedded Controller SSDs
- PCIe Gen 4 x4 I/F with up to 3.5 / 3.5 GB/Sec Sequential Read /Write Perf and 1.0 to 3.25 GB/Sec Sus. Seq. Write Performance in PXIe Gen 3 x4 Slots: ~7x Faster than Embedded Controller SSDs (> 6+ GB/Sec Seq. R/W Perf with 2 Modules in SW RAID-0 in PXIe Gen 3 x4)
- Available PCIe Version for Rapid PXIe to PC Data Transfer
- Rapid Delivery: ~30 Day Typical Leadtime for Small POs

Trifecta PXIe-SSD-R (REMOVABLE) MODEL (P/N)	INCL. SSD DATA CARTRIDGE		Q325 MSRP*	ADD’L DC Q325 MSRP*
	UF CAP	PBW		
PXIe-SSD-1M.2R-1TB-SS2	1 TB	0.6 PBW	\$2,499	\$749
PXIe-SSD-1M.2R-2TB-SS2	2 TB	1.2 PBW	\$2,999	\$999
PXIe-SSD-1M.2R-4TB-SB2	4 TB	3.0 PBW	\$3,999	\$1,999
PXIe-SSD-1M.2R-8TB-SB2	8 TB	5.6 PBW	\$4,999	\$3,499
PXIe-SSD-1M.2R-8TB-NE2	8 TB	10.0 PBW	\$5,499	\$3,999

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RADX[®] PXIe-GbE[™]

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Designed and Assembled in the USA.



BAA / TAA



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- NVIDIA[®] Mellanox[®] CX6 and Intel[®] XL710-BM1 PCIe NICs—for Industry Leading Perf & Data Center Level Features
- Support for RDMA (iWARP, RoCEv2, GPUDirect [NVIDIA Mellanox CX5 & CX6]) & IPsec Offload
- NVIDIA Mellanox CX6-based NICs Support IEEE-1588v2 Precision Time Protocol (PTP) and Synchronization
- Rapid Delivery: ~30 Day Typical Leadtime for Small POs

Ask about ***NEW*** Catalyst PXIe-USB-4x20G-HA Host Adapters

Catalyst PXIe-GbE P/N	INTEGRATED PCIe NIC	TRANS-CEIVERS	W / SLOT	Q325 MSRP*
PXIe-GbE-4x10GbE-XL710	Intel XL710-BM1	4 x SFP+	~10W	\$4,999
PXIe-GbE-2x25/10GbE-CX6	NVIDIA Mellanox MCX631102AN-ADAT	2 x SFP28	~13W	\$3,999
PXIe-GbE-2x100GbE-CX6	NVIDIA Mellanox MCX623106AN-CDAT	2 x QSFP28 / QSFP56	~27W	\$5,999

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