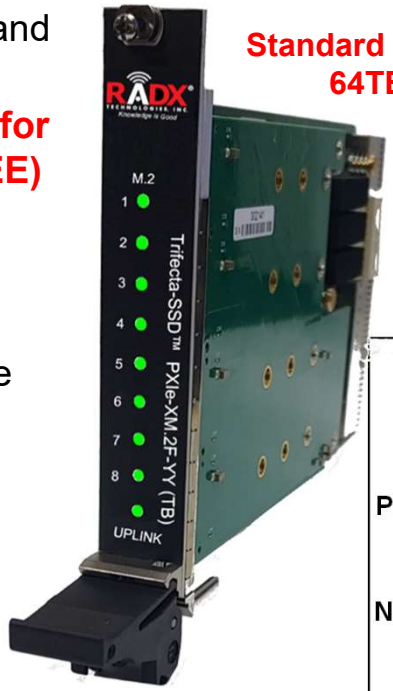
RADX® Trifecta PXIe-SSD™-RAID 64TB Data Storage Modules

Industry Leading PXIe Performance, Capacity and Value: COTS, Single-Slot, M.2 SSD PXIe-RAID™ Modules 64 TB / Slot, up to ~7.1 GB/Sec Sustained, Sequential Read / Write Performance, up to 44.8 PBW Endurance and Cost-Effective Pricing for Unprecedented Value

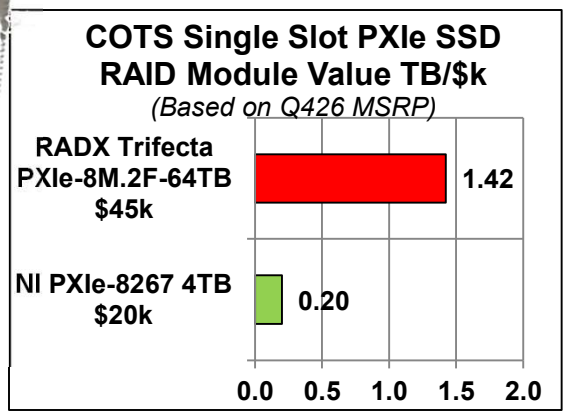
- For Wideband Spectrum and Video Recording, Playback, Analysis and other Data Intensive PXIe Apps
- **64 TB per Slot Model Standard – See RADX Venturi PXIe-SSDs for Other Capacities (3.84, 7.68, 15.36, 30.72, 61.44TB and 800GB-EE)**
- Hybrid and Non-Hybrid (Peripheral Slot) Versions Available
- **PCIe Gen 3 x8 I/F with Industry-Best Sustained, Sequential Read/Write Performance Up To ~7.1 GB/Sec**
- Unique 8 x SSD Configurations Eliminate "Hiccups" caused by Write Cache Exhaustion in PXIe RAID Modules with 4 x SSDs
- **Cost Effective: ~6x Better TB/$k Value vs. NI PXIe-8267**
- Based on PCIe Gen 4/5 x4, COTS, M.2 NVMe 2280 SSDs from Samsung, Sabrent, Adata, Crucial, SanDisk / WD and Others
- OS Support: MS Windows 10, 11 (and 7) 64-bit and 64-bit Linux
- Support for JBOF and Software RAID 0, 1, 5 and 10 Configurations
- Standard 1-Year RTF Warranty from Date of Shipment, Excluding Write Performance when PBW Specifications are Exceeded
- Designed to Meet Key Reg / Environmental Requirements: FCC Class A, CE, RoHS, EN55022-A, ENS55024, EN300386-2 & MIL-PRF-28800F-Class 3
- **Designed & Assembled in the USA; BAA / TAA Compliant; ECCN: EAR99 / NLR**
- **Available from RADX and Apex Waves (www.apexwaves.com)**
- **Available on GSA from TestMart (https://tinyurl.com/muk72crx)**

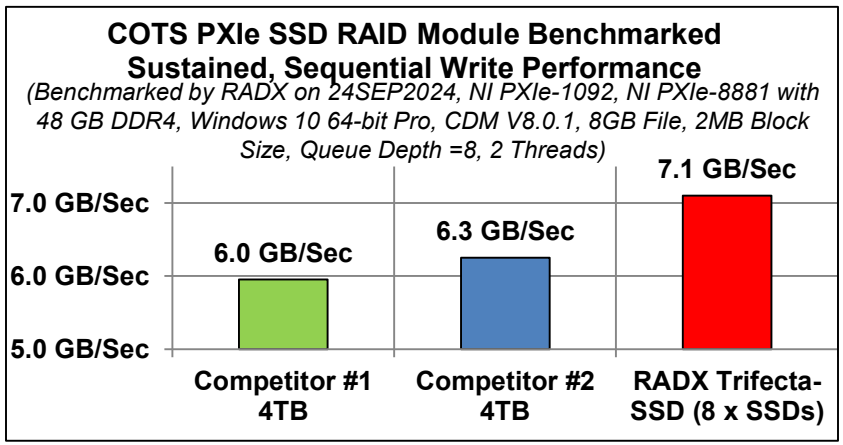


Standard Models with 64TB / Slot

BAA / TAA Compliant

Designed and Assembled in the USA





RADX® TECHNOLOGIES, INC.

www.radxtech.com
Email: info@radxtech.com
Tel: +1 (619) 677-1849 x1

© Copyright 2026, RADX Technologies, Inc. All Rights Reserved.

26OCT2026 V1.11

Partner
APPLICATION SOLUTION & PRODUCT

Available on GSA via testmart® since 1999
https://tinyurl.com/muk72crx

Available from APEX WAVES
www.apexwaves.com

RADX® Trifecta PXIe-SSD™-RAID COTS M.2 NVMe RAID PXIe Module Specs

(As of 26OCT2026 - Subject to Change without Notice)

1	**Trifecta PXIE-SSD-RAID Model / Part Number (P/N Ordering Info):**	**PXIe-SSD-8M.2F-64TB-XXX**	**PXIe-SSD-8M.2F-64TB-XXX-NHS**
2	**Q426 QTY 1 MSRP:** ***(FCA SJC; Excluding US import tariffs on SSDs; SI, VAR, & EDU Discounts Available)***	**$44,999**	**$45,999**
3	**Typical Lead Time:**	**~45 Days ARO**	**~60 Days ARO**
4	**Unformatted Capacity & No. of M.2 SSDs:** *(Other Capacities Available via RADX Venturi PXIe-SSDs)*	**64 TB (UF)** *(8 x 8TB M.2)*	**64 TB (UF)** *(8 x 8TB M.2)*
5	**M.2 2280 NVMe SSDs Employed:** *(See URLs for M.2 NVMe SSD Manufacturer Specs & Features incl. OPAL & Sanitization)*	**SS5: 8 x Samsung 9100 Pro 8GB PCIe G5 x4** https://tinyurl.com/yc6yydjy **SD4: 8 x SanDisk / WD SN850X PCIe G4 x4** https://tinyurl.com/2zk449vy	
6	**Sustained, Sequential Read / Write (R/W) RAID-0 Benchmark / PVT Performance:**	**Up to 7.1 / 7.0 GB/Sec (Read / Write)** *(Benchmarked by RADX 26JUL2026: NI PXIe-1092, NI PXIe-8881, 64GB, PCIe Gen 3 x8, Win11 Pro 64-bit, CrystalDiskMark V9.0.2, 64GB File, 8MB Block Size, QD=8, 2T, 60 Sec MT, 0 Sec IT)*	
7	**Module Total Bytes Written / Write Endurance (Petabytes Written or PBW):**	**SS5: 8 x Samsung 9100 Pro 8TB @ 4.8 PBW / SSD =38.4 PBW Unformatted** **SD4: 8 x SanDisk / WD SN850X 8TB @ 4.8 PBW / SSD =38.4 PBW Unformatted**	
8	Module Form Factor:	Single-Slot, 3U PXIe Hybrid / 3U CPCIe Type 2 *(Non-Hybrid PXIe Version Available with "-H" Option)*	
9	Product Dimensions (Excluding Packaging):	0.4 kg (0.8 lbs) / 100 mm H x 160 mm D x 20.32 mm W (4HP) *(3.94 in H x 6.3 in D x 0.8 in W [4HP])*	
10	Module PCIe Express Switch:	PLX 8748 48-Lane PCIe 3.0 Switch	
11	Module PXIe Backplane Interface:	PCIe Gen 3 x8 (~8 GB/Sec Max)	
12	RAID Configurations Supported:	JBOF and Software RAID-0, 1, 5 and 10 *(Note: Multiple Trifecta-SSD PXIe Modules May Also Be Combined Using Software RAID-0, 1, 5 and 10)*	
13	Operating System Support:	Microsoft Windows 10, 11 64-bit and Popular Linux Distributions; Also, RT-Linux.	
14	Front Panel Uplink & M.2 Status LEDs:	1 x Uplink; 4, 6 or 8 x M.2 Status *(Indicates Uplink and M.2 PCIe Link Gen 1, 2 or 3 Status)*	
15	Backplane Connectors:	XJ3, XJ4 and XJ1 (Hybrid Slot) Standard Also available with XJ3, XJ4 and XJ1 Connector Removed (Peripheral Slot) "-NHS" Option (Add'l Fee)	
16	Operating Power Consumption:	< 58 W Typical *(NI PXIe-1095/1092 or Similar 58/82W per Slot Chassis Recommended)*	
17	Required Cooling Air Flow:	~15 LFM	
18	Operating Temp and Relative Humidity:	0° to 55° C, 10% to 90%, Non-Condensing	
19	Non-Operating Temperature:	-40° to +85° C	
20	Regulatory & Environmental Compliance (Designed to Meet):	FCC Part 15-B Class A / CE / RoHS / EN55022 Class A / ENS55024 / EN300386-2 / MIL-PRF-28800F Class 3 (Class 2 Optional)	
21	Standard Warranty:	1 Year Return to Factory Standard (Excluding Write Endurance Beyond PBW Spec) *(FFF Replace & Repair Extended Warranty Available)*	
22	Country of Origin:	COO: US / Designed and Assembled in the USA	
23	Export Compliance:	ECCN: 5A992.c / US HSC: 8523.51.0000 / EU TARIC: 8523.51.0000	
24	BAA/TAA Compliance & GSA Availability:	BAA/TAA Compliant. Available on GSA via TestMart at **https://tinyurl.com/muk72crx**	

RADX® TECHNOLOGIES, INC.

www.radxtech.com
Email: info@radxtech.com
Tel: +1 (619) 677-1849 x1

© Copyright 2026, RADX Technologies, Inc. All Rights Reserved.
26OCT2026 V1.11

Partner
APPLICATION SOLUTION & PRODUCT

Available on GSA via
testmart® since 1999
https://tinyurl.com/muk72crx

Available from
APEX WAVES
www.apexwaves.com