

RADX® Trifecta-SSD™ -RM

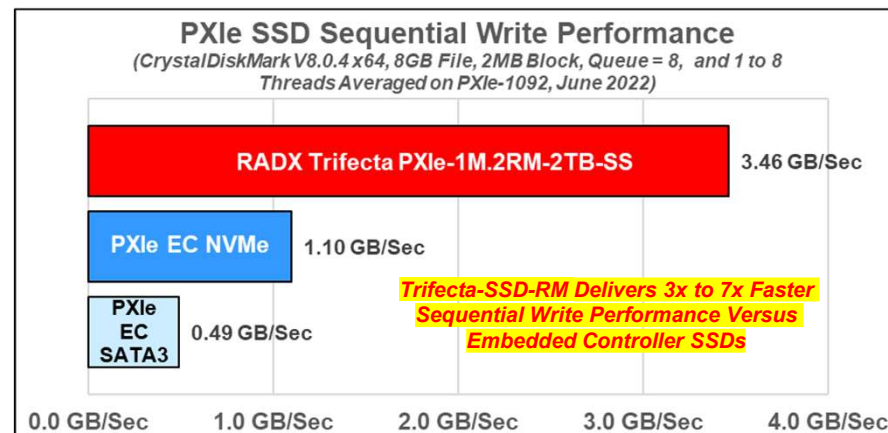
COTS, Single-Slot, M.2 NVMe SSD, PXIe/CPCIe Data Storage Modules

Fast, Inexpensive and Rapidly Removable & Replaceable Data Storage Modules are Ideal for Data Acquisition Systems, Rapid Backups and Frequent Security Level Changes

- 1, 2, 4 or 8 TB per Slot – Removable, Upgradeable & Replaceable via Available M.2 SSD Data Cartridges
- PCIe G3/G4 x4 I/F - Up to ~3.5 GB/Sec Seq. R/W Perf in G3 PXIe/CPCIe Chassis – 7x Faster than EC SATA3 SSDs
- ~7 GB/Sec Seq. R/W Perf with 2 Modules in Software RAID-0
- Based on COTS, High-Endurance M.2 NVMe SSDs with Sanitization & OPAL Features from Samsung & Sabrent
- Low-Power (< 12W) – Works in ALL NI PXIe Chassis
- Supports MS Windows 7, 10 & 11 64-bit and Linux
- 1 Year RTF Warranty Std - Available Extended Warranty and Tech Insertion with New SSDs
- Designed to Meet Key Reg. / Environmental Req'ts: FCC Class A, CE, RoHS, EN55022-A, EN55024, EN300386-2 & MIL-PRF-28800F-Class 3
- Long Life Cycle Support Product
- ~30 Day Typical Leadtime Starting in Q422
- Mfg. in the USA / COO: US / BAA & TAA Compliant



Additional
1, 2, 4 & 8 TB
Replacement
M.2 SSD Data
Cartridges
May Be
Purchased
Separately



Available on GSA via TestMart:

Visit <https://tinyurl.com/muk72crx>



Email info@radxtech.com, Visit www.radxtech.com
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RADX® Trifecta-SSD™ -RM COTS, NVMe M.2 SSD PCIe/CPCIe Module Specs

(Subject to Change without Notice)

#	PARAMETER	TRIFECTA-SSD-RM COTS, Single-Slot, NVMe M.2 SSD PXIe/CPCIe MODULES			
1	Trifecta-SSD-RM Module P/Ns: (Includes 1 x 1, 2, 4 or 8 TB M.2 SSD Data Cartridge)	PXIe-SSD-1M.2RM-1TB-SS	PXIe-SSD-1M.2RM-2TB-SS	PXIe-SSD-1M.2RM-4TB-SB	PXIe-SSD-1M.2RM-8TB-SB
	Included M.2 SSD Data Cartridge P/Ns:	DC-1M.2RM-1TB-SS	DC-1M.2RM-2TB-SS	DC-1M.2RM-4TB-SB	DC-1M.2RM-8TB-SB
2	Module with Data Cartridge QTY1 MSRP: (FOB RADX; GSA Pricing incl. Shipping in USA; Vol. Disc. Avail.)	\$1,999	\$2,499	\$3,499	\$4,999
Contact RADX or Check https://tinyurl.com/muk72crx for Pricing Updates					
3	Typical Lead Time (After Q422 GA Date):	~30 Days ARO for Small Volumes; 8 – 16 Weeks ARO for Volume Orders			
4	Data Cartridge Unformatted Capacity:	1 TB	2 TB	4 TB	8 TB
6	Module PXIe/CPCIe Form Factor:	Single-Slot, 3U PXIe / 3U CPCIe Type 2 with XJ3 and XJ4 Backplane Connectors			
7	Module PXIe/CPCIe Backplane I/F:	Designed for PCIe Gen 4 x4 (~8 GB/Sec Max) Note: Most PXIe Systems Limited to PCIe G3 x4 (Up to ~4GB/Sec)			
8	M.2 2280 NVMe SSDs Used: (All M.2 SSDs Use TLC NAND Flash - See Mfg. URLs for M.2 SSD Specs & Features incl. OPAL & Sanitization)	Samsung EVO Plus 970 https://bit.ly/2MIZf50		Sabrent SB-ROCKET-4TB https://bit.ly/2VPRJ6m	Sabrent SB-RKT4P-8TB https://bit.ly/3B7Htv5
9	M.2 SSD Data Cartridge PCIe I/F:	PCIe G3 x4			PCIe G4 x4
10	Sequential Read/Write Benchmark Perf.:	~3.5 GB/Sec Read / ~3.4 GB/Sec Write <i>CrystalDiskMark V.8.x 8GB, 2MB Block Size, Queue Depth 8, 1-8 Thread Avg., in NI PXIe-1092 Chassis with NI PXIe-8881 EC</i>			
11	M.2 SSD Endurance (TBW):	0.6 PB	1.2 PB	6.8 PB	5.4 PB
12	M.2 SSD Data Cartridge Mating Cycles:	≥ 500 Mating Cycles			
13	PXIe Module Dimensions (Excl. Packaging):	PXIe Module: 0.4 kg / 100 mm H x 160 mm D x 20.32 mm W (4HP) <i>(0.8 lbs / 3.94 in H x 6.3 in D x 0.8 in W [4HP])</i>			
14	M.2 SSD Data Cartridge Dimensions: (Excl. Packaging):	M.2 SSD Data Cartridge: 0.75 g / 39 mm H x 140 mm D x 7.5 mm W <i>(0.8 lbs / 3.94 in H x 6.3 in D x 0.8 in W [4HP])</i>			
17	Operating System Support:	Microsoft Windows 7, 10 and 11 64-bit Standard (Various Linux Distribution Support Available Upon Request)			
18	SW RAID Configurations Supported:	Software RAID-0, 1, 5 and 10 - with Multiple Modules Installed (~7 GB/Sec Seq. R/W in RAID-0)			
19	Front Panel M.2 Status LED:	Power (Solid Green), Drive Activity (Blinking Green), Off (No Drive Present)			
20	Op Power Dissipation & Req's Air Flow:	< 12 W Max and < ~15 LFM			
21	Non-Op / Op Temp & Rel. Humidity:	Non-Op Temp: -40° to +85° C / Op Temp: 0° to 55° C / Rel. Humidity: 10% to 90%, Non-Condensing			
22	Reg. & Environmental Compliance (Designed to Meet):	FCC Part 15-B Class A / CE / RoHS / EN55022 Class A / EN55024 / EN300386-2 / MIL-PRF-28800F Class 3			
23	Module & Data Cartridge Std. Warranty:	1 Year Return to Factory Standard (Excluding M.2 SSD Endurance) (Extended Warranty Available)			
24	PXIe Module with Included M.2 SSD Data Cartridge Export Compliance Info:	BAA/TAA Compliant / COO: USA (Mfg. in the USA) ECCN: EAR99 / US HSC: 847170900 / EU TARIC: 8471709800			
25	Separately Purchased M.2 SSD Data Cartridge Export Compliance Info:	BAA/TAA Compliant – See COOs Below ECCN: EAR99 / US HSC: 847170900 / EU TARIC: 8471709800			
26	Separately Purch. Data Cartridge COO:	KR	KR	TW	TW
27	Add'l M.2 SSD Data Cartridge P/Ns:	DC-1M.2RM-1TB-SS	DC-1M.2RM-2TB-SS	DC-1M.2RM-4TB-SB	DC-1M.2RM-8TB-SB
28	Add'l M.2 SSD Cartridge QTY 1 MSRP: (Reseller, Integrator and Volume Discounts Available)	\$689	\$1,189	\$2,189	\$3,689
Contact RADX or Check https://tinyurl.com/muk72crx for Pricing Updates					
29	GSA Availability including Shipping in USA:	Available on GSA via TestMart at https://tinyurl.com/muk72crx			



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