



SPC Benchmark 1™

Executive Summary



FlashNexus FN8200

SPC-1 IOPS™	30,002,765	SPC-1 Price Performance	\$155.01/SPC-1 KIOPS™
SPC-1 IOPS Response Time	0.202 ms	SPC-1 Total System Price	\$4,650,526.65
SPC-1 Overall Response Time	0.144 ms	SPC-1 Overall Discount	61.44%
		Currency / Target Country	USD / China
		Availability Date	March 30, 2025

Extensions

☆ SPC-1 Data Reduction	NA
☆ SPC-1 Encryption	NA
☆ SPC-1 NDU	NA
☆ SPC-1 Synchronous Replication	NA
☆ SPC-1 Snapshot	NA

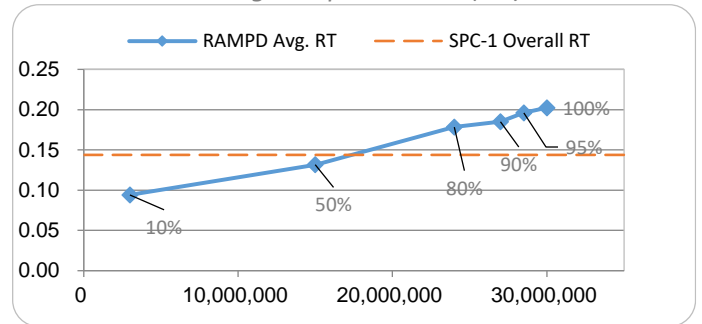
Storage Metrics

SPC-1 Data Protection Level	Protected 2
SPC-1 Physical Storage Capacity	768,000 GB
SPC-1 ASU Capacity	274,882 GB
SPC-1 ASU Price	\$16.92/GB

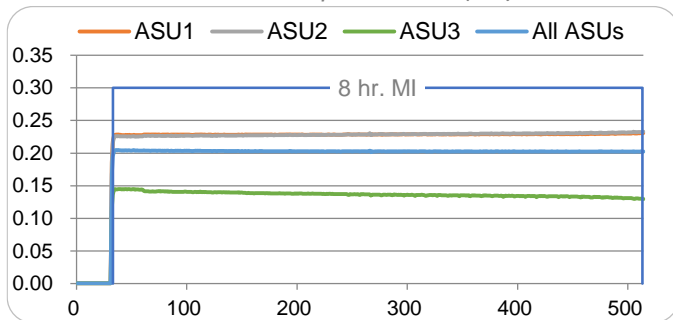
Priced Storage Configuration Summary

- 96 Mellanox CX623106AN-CDAT 100 Gb 2-port
- 16 FlashNexus FN8200 Engines
- 2 Controllers/Engine
- 16 TB Total Cache
- 128 Total Front-End Ports
- 400 Total Storage Devices (1.92 TB NVMe SSD)
- 4 100 Gb 64-port RoCE Switches
- 2 10 Gb 48-port Ethernet Switches
- 42 Total RUs

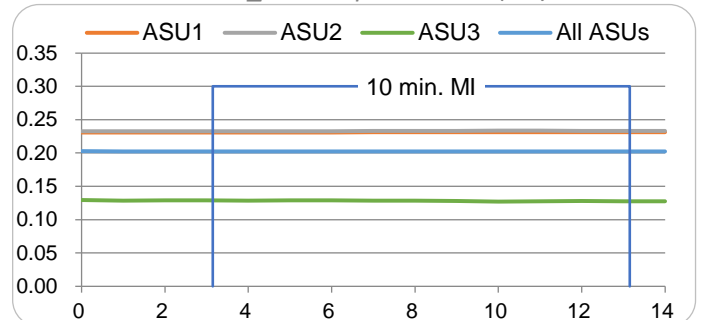
RAMPD Average Response Time (ms) vs. IOPS



SUSTAIN Response Time (ms)



RAMPD_100 Response Time (ms)



SPC Benchmark 1™ Specification Revision v3.10.0
 SPC Benchmark 1™ Workload Generator Revision v3.0.2

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 Submission Details www.storageperformance.org/r/A32029