



SPC BENCHMARK 1™

EXECUTIVE SUMMARY

TELECOMMUNICATIONS TECHNOLOGY ASSOCIATION GLUESYS ANYSTOR-700EK

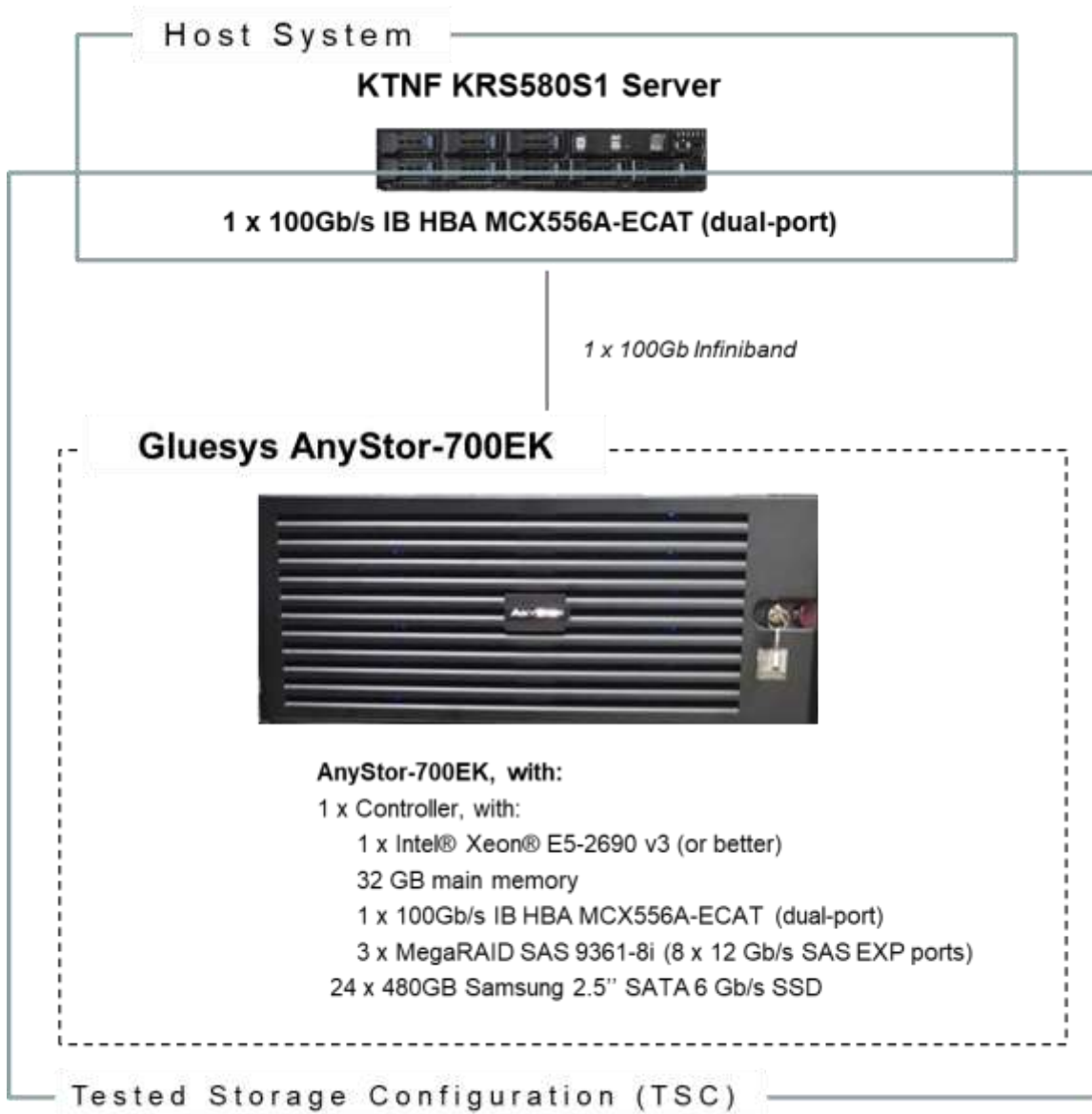
SPC-1 IOPS™	310,509
SPC-1 Price-Performance™	\$84.06/SPC-1 KIOPS™
SPC-1 IOPS™ Response Time	0.470 ms
SPC-1 Overall Response Time	0.260 ms
SPC-1 ASU Capacity	4,073 GB
SPC-1 Space Effectiveness Ratio	NA
SPC-1 ASU Price	\$6.41/GB
SPC-1 Total System Price	\$26,100.00
Data Protection Level	Protected 1 (RAID 1+0)
Physical Storage Capacity	11,520.00 GB
Pricing Currency / Target Country	U.S. Dollars / Korea

SPC-1 V3.8

SUBMISSION IDENTIFIER: A31023

SUBMITTED FOR REVIEW: NOVEMBER 4, 2019

Benchmark Configuration Diagram



Tested Storage Product Description

Gluesys AnyStor-700EK (AS700EK) is an all-flash storage system that is designed and optimized to deliver outstanding response speed and performance for a wide range of enterprise environments.

Due to its flexibility, AS700EK has the storage gateway capability depending on the backbone infrastructure of the business, as well as the storage expansion and data tiering in heterogeneous storage devices. Furthermore, as the AS700EK block storage is derived from its previous scale-out NAS products, it supports iSER protocol for InfiniBand, and also with iSCSI and file-based protocols.

For more details, visit:

<http://gluesys.com/product-2/scale-out-nas/?lang=en#>

Priced Storage Configuration Components

1 x 100Gb/s IB HBA MCX556A-ECAT (dual port)
1 x AnyStor-700EK, with:
1 x Controller, with:
1 x Intel® Xeon® E5-2690 v3 (or better)
32 GB main memory
1 x 100Gb/s IB HBA MCX556A-ECAT (dual-port)
3 x MegaRAID SAS 9361-8i (8 x 12 Gb/s SAS EXP ports)
24 x 480GB Samsung 2.5" SATA 6 Gb/s SSD

Storage Configuration Pricing

	Description	Qty	Unit Price	Ext. Price	Disc.	Disc. Price
Hardware & Software						
ANYSTOR700EK	AS700EK 2U/24bay, 32GB Memory, System OS Mirroring(240GB SSD Hot Swappable Disk), Hot-Swappable 24 SAS or SATA Disk Bay, Redundant Power Supply, 10/100/1000 Gigabit Ethernet 2Port (UTP) AnyManager(Storage OS Solution, RAID 0/1/10/5/6, Protocol NFS/CIFS/FTP/iSCSI/iSER, Support Web Based Management)	1	32,989.34	32,989.34	50%	16,494.67
HD-SD00480G	SAMSUNG PM883 480G TLC	24	110.00	2,640.00	0%	2,640.00
IB-C100G0002	MCP1600-E002 IB EDR Cable	1	183.33	183.33	0%	183.33
IB-H100G002	100G IB EDR HBA CARD MCX556A-ECAT (ConnectX@-5 VPI adapter card, EDR IB and 100GbE, dual-port QSFP28, PCIe3.0 x16, tall bracket, ROHS R6)	2	1,100.00	2,200.00	0%	2,200.00
NC-10G0002	2 Port 10G Network Interface	1	458.33	458.33	0%	458.33
Hardware & Software Subtotal						21,976.33
Support & Maintenance						
GLS-N-Support-3Y	Premium Package 3-Year Support & Maintenance	1	8,247.34	8,247.34	50%	4,123.67
Support & Maintenance Subtotal						4,123.67
SPC-1 Total System Price						26,100.00
SPC-1 IOPS™						310,509.74
SPC-1 Price-Performance™ (\$/SPC-1 KIOPS™)						84.06
SPC-1 ASU Capacity (GB)						4,073
SPC-1 ASU Price (\$/GB)						6.41

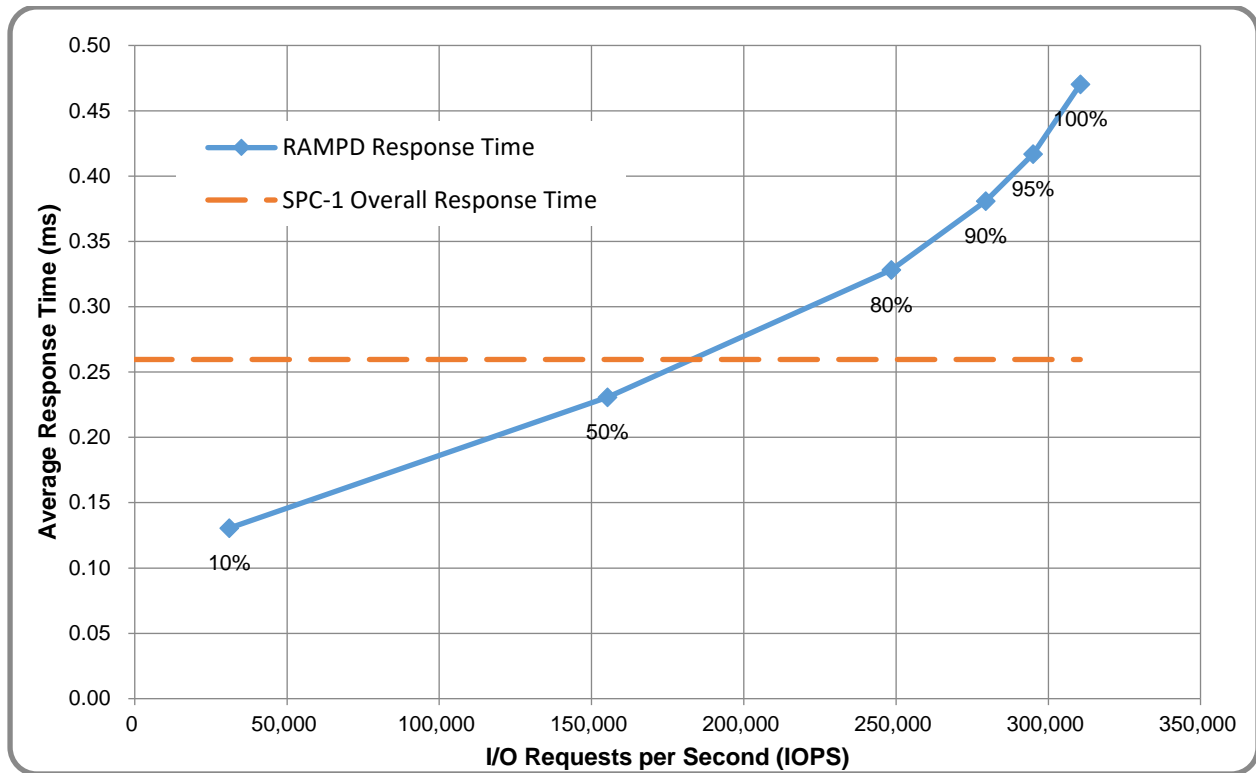
Third-Party Reseller: TTA is the sponsor of this result but does not directly sell the products and components of the Priced Storage Configuration (PSC). The above reflects the pricing quoted by the vendor and third-party reseller Gluesys Co., Ltd. See Appendix B of the Full Disclosure Report for a copy of the third-party reseller's quotation.

Discount Details: The discounts shown are based on the storage capacity purchased and are generally available.

Warranty: The 3-year maintenance and support included in the above pricing meets or exceeds a 24x7 coverage with a 4-hour response time.

Availability Date: Currently available.

Response Time and Throughput Graph



Contact Information	
Test Sponsor Primary Contact	TTA – http://tta.or.kr/eng/index.jsp Hyo-Sil Kim – hyosil.kim@tta.or.kr
SPC Auditor	InfoSizing – www.sizing.com Francois Raab – francois@sizing.com

Revision Information	
SPC Benchmark 1™ Revision	V3.8.0
SPC-1 Workload Generator Revision	0x18ade88v3.0.2
Publication Revision History	First Edition