



SPC BENCHMARK 1™

EXECUTIVE SUMMARY

INSPUR ELECTRONIC INFORMATION INDUSTRY CO. LTD. INSPUR AS5600G2

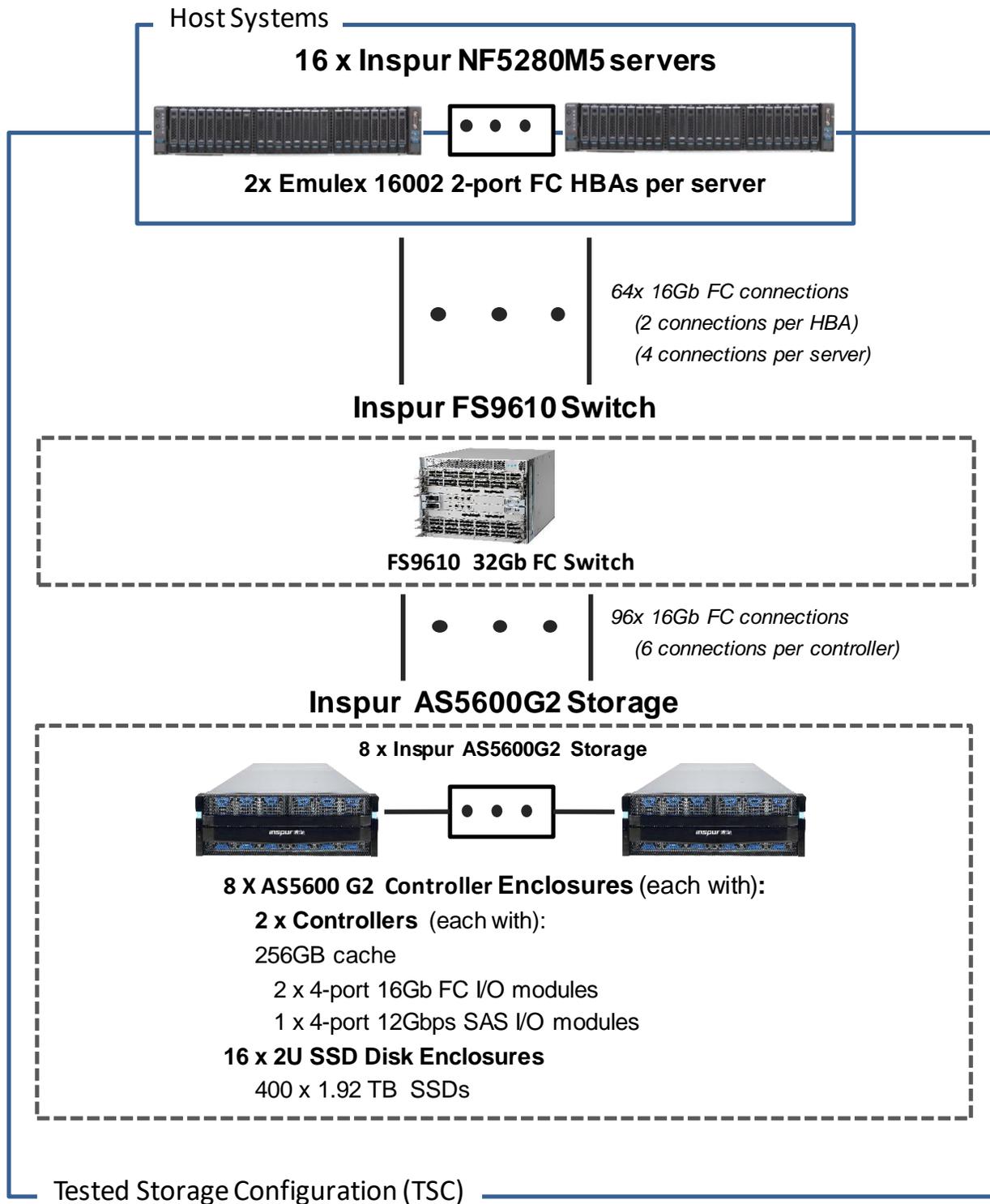
SPC-1 IOPS™	7,520,358
SPC-1 Price-Performance™	\$386.50/SPC-1 KIOPS™
SPC-1 IOPS™ Response Time	0.472 ms
SPC-1 Overall Response Time	0.251 ms
SPC-1 ASU Capacity	274,877 GB
SPC-1 Space Effectiveness Ratio	NA
SPC-1 ASU Price	\$10.58/GB
SPC-1 Total System Price	\$2,906,551.87
Data Protection Level	Protected 2 (RAID-10)
Physical Storage Capacity	768,000 GB
Pricing Currency / Target Country	U.S. Dollars / China

SPC-1 V3.8.0

SUBMISSION IDENTIFIER: A32014

SUBMITTED FOR REVIEW: MARCH 20, 2020

Benchmark Configuration Diagram



Tested Storage Product Description

Inspur AS5600G2 mid-end converged active storage system (hereinafter referred to as G2 mid-range active storage) is a storage system targeted at medium and large enterprises for structured and unstructured data applications. With its storage operating system built specifically for cloud computing and big data environments, rich software features, and leading industry hardware platforms, it meets the needs of data storage, disaster recovery, dual-active and backup in applications such as large and medium-sized databases OLTP/OLAP, virtualization and file sharing. Inspur G2 mid-range active storage system has reached the highest level in products of the same grade in the industry in terms of performance, function, reliability and ease of use. It is widely used in government, finance, communications, energy, media, medical, education, SMB and other sectors.

Priced Storage Configuration Components

32 x 16Gb Emulex 16002 2-Port FC HBAs
8 x AS5600G2, each with: <ul style="list-style-type: none">2 x Storage Controllers, each with:<ul style="list-style-type: none">256 GB cache (4,096 GB total)2 x 4-port 16 Gb FC I/O modules1 x4-port 12 Gbps SAS I/O module
16 x 2U SSD Disk Enclosures <ul style="list-style-type: none">400 x 1.92 TB SSDs
1 x Inspur FS9610 32Gb FC Switch (192 active ports)

Storage Configuration Pricing

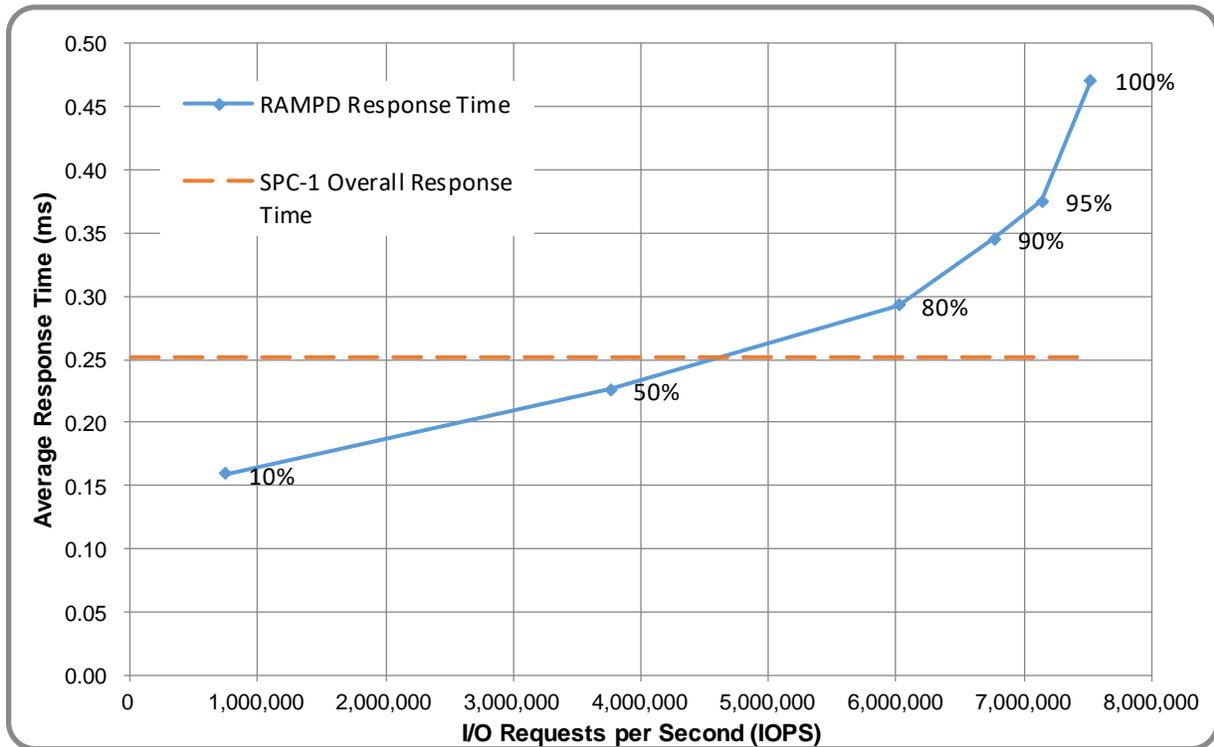
Part No.	Description	Source	Qty	Unit Price	Ext. Price	Disc.	Disc. Price
Hardware & Software							
UAS5600G2000	Inspur AS5600G2 Storage System Base Unit (4U, Dual Controllers, BBU+Flash, 3Y 5x10xND Basic Svc&Warranty)	1	8	71,275.08	570,200.64	68%	182,464.21
TMO071	Inspur AS5600G2 Cache Module-512GB	1	8	77,378.23	619,025.84	68%	198,088.27
THD088	Inspur 1.92TB TLC SSD Enterprise Drive(2.5"), For AS5600G2、AS5800G2、J012HG2、J025SG2、J048HG2	1	400	14,885.39	5,954,156.00	68%	1,905,329.92
UJ025SG20001	Inspur J025SG2 JBOD (2U, 25*2.5" disks)	1	16	9,899.72	158,395.52	60%	63,358.21
TSJ160	Inspur AS5600G2 4*16Gbps FC Ports +SFP	1	32	9,498.57	303,954.24	60%	121,581.70
THS478	Inspur AS5600G2 Basic Software(InThin,InSnapshot,InClone,InBackup,InVdiskMirror,InQos,InRAID,InPath)	1	8	14,856.74	118,853.92	90%	11,885.40
THS5000	AS5000 Series RACK	1	2	11,934.10	23,868.20	60%	9,547.28
TWF003	Inspur 3M LC-LC OM4 Fibre Channel Cable	1	160	28.66	4,585.60	60%	1,834.24
TSJ203	Inspur 2*Port 16Gbps Fibre Channel Adapter	1	32	5,114.62	163,667.84	60%	65,467.14
600125	Inspur FS9610 SAN switch, Enable 32Gbps*192 Ports,+SFP	1	1	1,107,306.60	1,107,306.60	70%	332,191.98
Hardware & Software Subtotal							2,891,748.35
Support & Maintenance							
F2HII06	Installation Service - Engineering	1	8	1,347.43	10,779.44	0%	10,779.44
F2GD0030AS56G225	Upgrade to Onsite Premier 24x7x4H Engineer Onsite Service - 36Month(s)	1	8	503.01	4,024.08	0%	4,024.08
Support & Maintenance Subtotal							14,803.52
SPC-1 Total System Price							2,906,551.87
SPC-1 IOPS™							7,520,358
SPC-1 Price-Performance™ (\$/SPC-1 KIOPS™)							386.50
SPC-1 ASU Capacity (GB)							274,877
SPC-1 ASU Price (\$/GB)							10.58

Discount Details: The discounts are based on the total purchase price.

Warranty: Provide 7x24x4H arrival service within the designated city and distance. The service includes 7x24 contact to the Inspur call center with 4-hour on-site hardware replacement or troubleshooting, and online software support with access to all new software updates or troubleshooting.

Availability Date: March 29, 2020.

Response Time and Throughput Graph



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Revision Information	
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SPC-1 Workload Generator Revision	v3.0.2-1-g823a
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