



SPC BENCHMARK 1™

EXECUTIVE SUMMARY

INSPUR ELECTRONIC INFORMATION INDUSTRY CO. INC. INSPUR AS5500G5

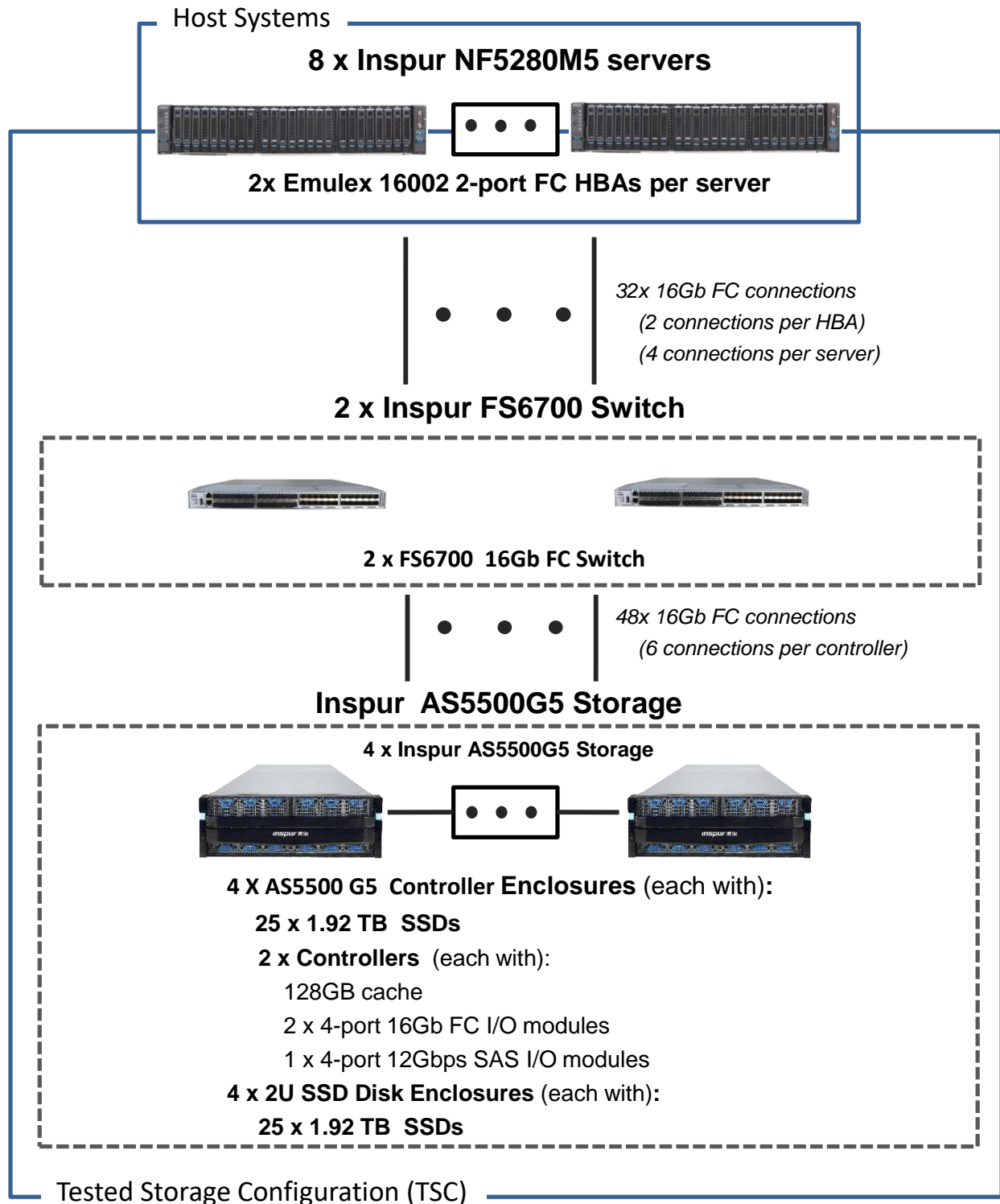
SPC-1 IOPS™	3,300,292
SPC-1 Price-Performance™	\$295.73/SPC-1 KIOPS™
SPC-1 IOPS™ Response Time	0.387 ms
SPC-1 Overall Response Time	0.228 ms
SPC-1 ASU Capacity	137,438 GB
SPC-1 Space Effectiveness Ratio	NA
SPC-1 ASU Price	\$7.11/GB
SPC-1 Total System Price	\$975,975.69
Data Protection Level	Protected 2 (RAID-10)
Physical Storage Capacity	384,000 GB
Pricing Currency / Target Country	U.S. Dollars / China

SPC-1 V3.8.0

SUBMISSION IDENTIFIER: A32015

SUBMITTED FOR REVIEW: JUNE 17, 2020

Benchmark Configuration Diagram



Tested Storage Product Description

Inspur AS5500G5 is a storage system gearing to medium-sized enterprise application environment for structured data processing applications. The system adopts the industry mainstream protocols 16Gb&32Gb FC, 1Gb/10Gb/40Gb iSCSI, 12Gb SAS and PCIe3.0, and is able to integrate with hardware platforms of IP SAN and FC SAN and intelligent management software. As an enterprise-level storage system, it reaches the highest level in products of the same level in the industry in terms of performance, functionality, reliability and ease of use, is able to meet the need on data storage, data backup and data disaster tolerance in applications like medium-sized database OLTP/OLAP and virtualization, and is widely used in governments, enterprises, financial, energy, medical and education sectors.

Priced Storage Configuration Components

16 x Emulex 16002 2-port FC HBAs
4 x Inspur AS5500G5 , each with: <ul style="list-style-type: none">2 x Storage Controllers, each with:<ul style="list-style-type: none">128 GB cache (1,024 GB total)2 x 4-port 16 Gb FC I/O modules1 x 4-port 12 Gb SAS I/O module
4 x 2U SSD Disk Enclosures, each with: <ul style="list-style-type: none">25 x 1.92 TB SSDs
2 x FS6700 16Gb FC Switch

Storage Configuration Pricing

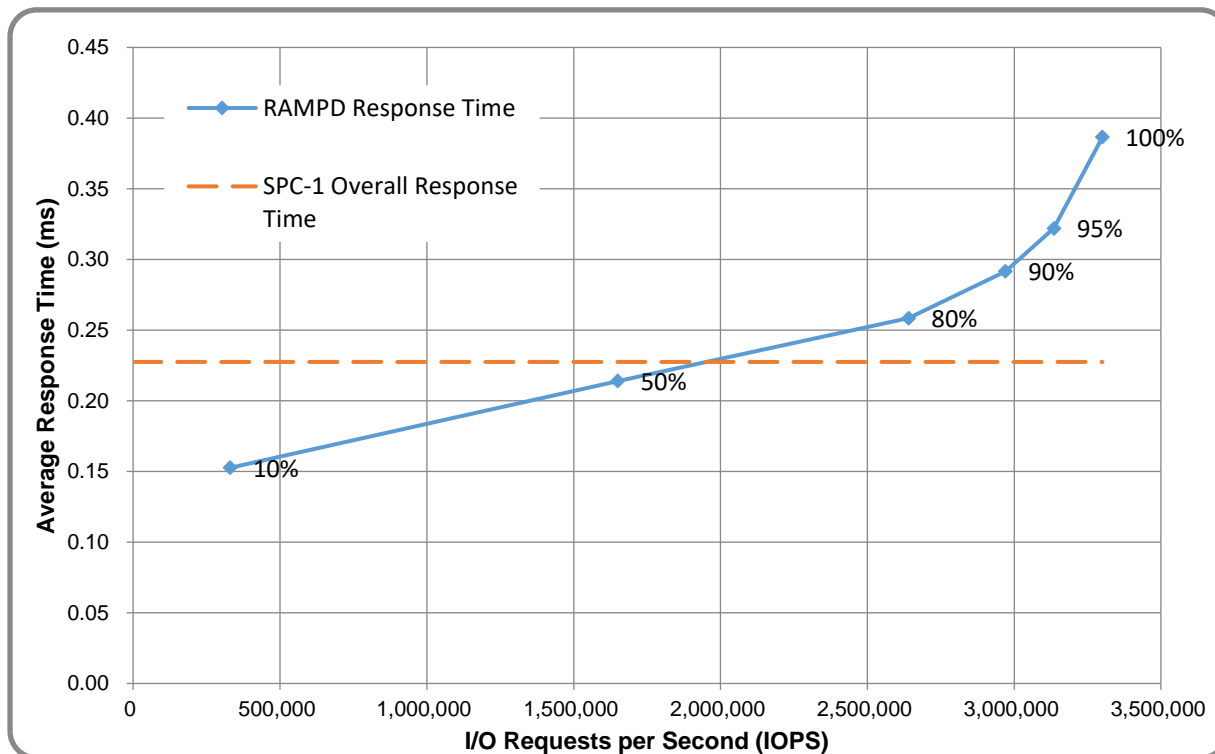
Part No.	Description	Source	Qty	Unit Price	Ext. Price	Disc.	Disc. Price
Hardware & Software							
UAS5500G5000	Inspur AS5500G5 Storage System Base Unit (2U,Dual Controllers,25*2.5",BBU+Flash,3Y 5x10xND Basic Svc&Warranty)	1	4	60,180.95	240,723.80	70%	72,217.14
TMO071	Inspur AS5500G5 Cache Module-256GB	1	4	38,689.12	154,756.48	68%	49,522.08
THD088	Inspur 1.92TB TLC SSD Enterprise Drive(2.5"), For AS5500G5的J012HG5、J025SG5、J048HG5	1	200	12,965.62	2,593,124.00	75%	648,281.00
UJ025SG50001	Inspur J025SG5 JBoD (2U, 25*2.5" disks)	1	4	9,899.72	39,598.88	70%	11,879.67
TSJ160	Inspur AS5500G5 4*16Gbps FC Ports +SFP	1	16	9,498.57	151,977.12	70%	45,593.14
THS550	Inspur AS5500G5 Basic Software(InThin,InSnapshot,InClone,InBackup,InVdiskMirror,InQos,InRAID,InPath)	1	4	3,979.66	15,918.64	90%	1,591.87
TWF003	Inspur 3MLC-LC OM4 Fibre Channel Cable	1	80	28.66	2,292.80	70%	687.84
TSJ203	Inspur 2*Port 16Gbps Fibre Channel Adapter	1	16	5,114.62	81,833.92	70%	24,550.18
500326	Inspur FS6700 SAN switch, Enable 16Gbps*48 Ports,+SFP	1	2	206,303.73	412,607.46	72%	115,530.09
Hardware & Software Subtotal							969,853.01
Support & Maintenance							
F2HII04	Installation Service - Engineering	1	4	1,027.94	4,111.76	0%	4,111.76
F2GD0030AS55G525	UPgrade TO Onsite Premier 24x7x4H Engineer Onsite Service -36Month(s)	1	4	502.73	2,010.92	0%	2,010.92
Support & Maintenance Subtotal							6,122.68
SPC-1 Total System Price							975,975.69
SPC-1 IOPS™							3,300,292
SPC-1 Price-Performance™ (\$/SPC-1 KIOPS™)							295.73
SPC-1 ASU Capacity (GB)							137,438
SPC-1 ASU Price (\$/GB)							7.11

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

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

Availability Date: May 30, 2020.

Response Time and Throughput Graph



Contact Information	
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Revision Information	
SPC Benchmark 1™ Revision	V3.8.0
SPC-1 Workload Generator Revision	v3.0.2-1-g823a
Publication Revision History	Initial Publication