



## SPC BENCHMARK 1™

### EXECUTIVE SUMMARY

# HUAWEI TECHNOLOGIES CO., LTD HUAWEI OCEANSTOR 5500 V5

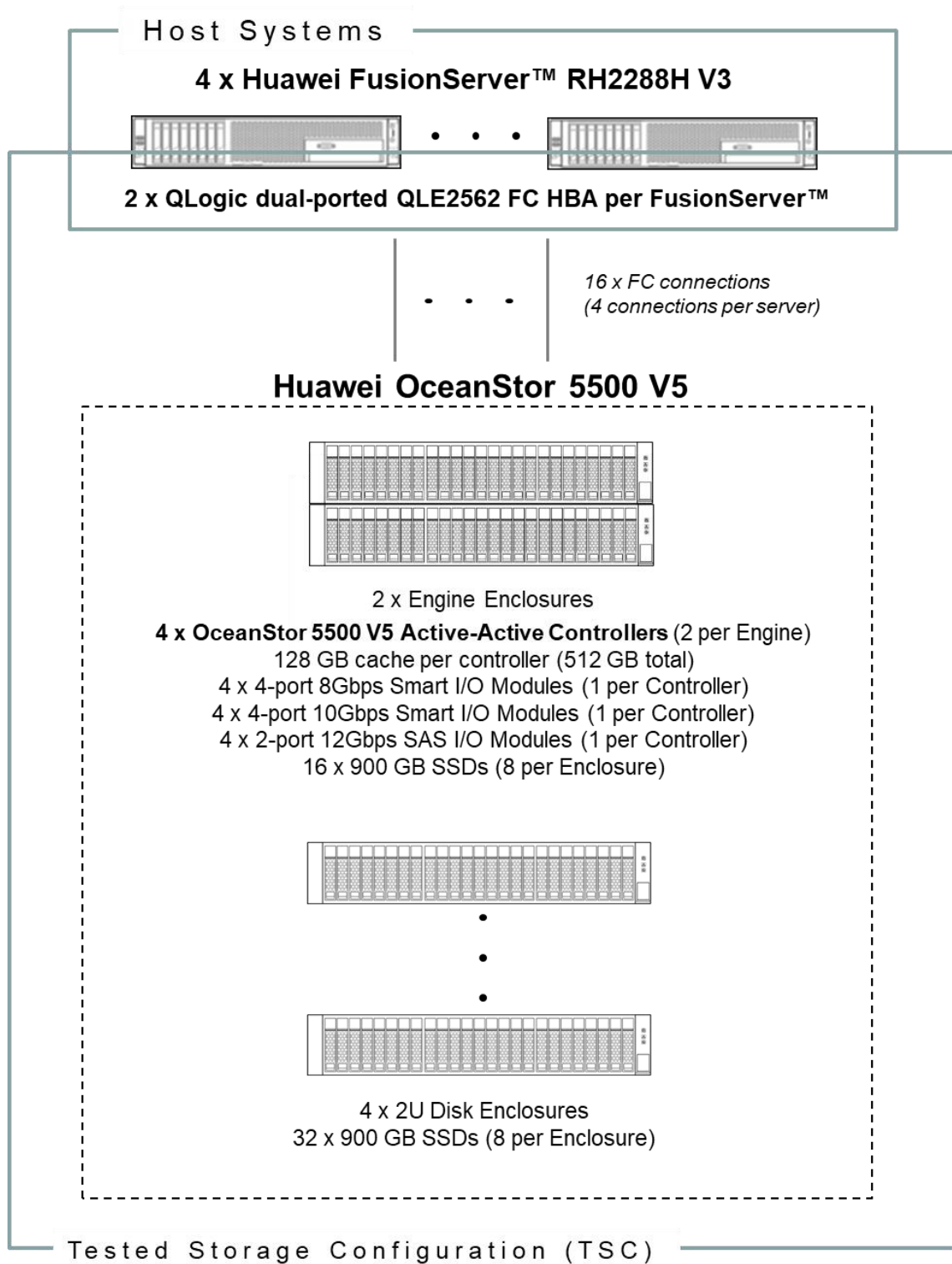
<b>SPC-1 IOPS™</b>	<b>600,275</b>
<b>SPC-1 Price-Performance™</b>	<b>\$448.60/SPC-1 KIOPS™</b>
SPC-1 IOPS™ Response Time	0.523 ms
SPC-1 Overall Response Time	0.381 ms
SPC-1 ASU Capacity	17,395 GB
SPC-1 ASU Price	\$15.49/GB
SPC-1 Total System Price	\$269,278.72
Data Protection Level	Protected 2 (RAID-10)
Physical Storage Capacity	42,960 GB
Pricing Currency / Target Country	U.S. Dollars / USA

**SPC-1 V3.7**

**SUBMISSION IDENTIFIER: A31014**

**SUBMITTED FOR REVIEW: JULY 9, 2018**

### Benchmark Configuration Diagram



## Tested Storage Product Description

The new generation of mid-range hybrid flash storage, dedicated to providing the reliable and efficient data services for enterprises.

Cloud-ready operating system, flash-enabled performance, and intelligent management software, delivering top-of-the-line functionality, performance, efficiency, reliability, and ease of use.

Satisfies the data storage requirements of large-database OLTP/OLAP, cloud computing, and many other applications, making it a perfect choice for sectors such as government, finance, telecommunications, and manufacturing.

For more details, visit:

<http://e.huawei.com/en/products/cloud-computing-dc/storage/massive-storage/5300-5500-5600-5800-v5>

## Priced Storage Configuration Components

<b>8 x QLogic dual-ported QLE2562 FC HBA</b>
<b>4 x OceanStor 5500 V5 Active-Active Controllers (2 per enclosure), each with:</b> 128 GB cache (512 GB total) 4 x 4-port 8Gbps Smart I/O Modules 4 x 4-port 10Gbps Smart I/O Modules 4 x 2-port 12Gbps SAS I/O Modules
<b>2 x System enclosures, each with:</b> 8 x 900 GB SSDs (16 total)
<b>4 x 2U Disk enclosures, each with:</b> 8 x 900 GB SSDs (32 total)

## Storage Configuration Pricing

	Description	Qty	Unit Price	Ext. Price	Disc.	Disc. Price
<b>Hardware &amp; Software</b>						
55V5-256G-2S-AC2-8FC	5500 V5 (2U, Dual Ctrl, AC\240HVDC, 256GB, SmartIO, 8*8Gb FC, 4 Port 4*12Gbps SAS, 25*2.5", SPE34C0225)	2	85,524.00	171,048.00	68%	54,735.36
SMARTIO10ETH	4 port SmartIO I/O module (SFP+, 10Gb Eth/FCoE (VN2VF)/Scale-out)	4	6,288.00	25,152.00	68%	8,048.64
HSSD-900G2S-A6	900GB SSD SAS Disk Unit (2.5")	48	9,096.00	436,608.00	70%	130,982.40
DAE52525U2-AC-A2	Disk Enclosure (2U, AC\240HVDC, 2.5", Expanding Module, 25 Disk Slots, without Disk Unit, DAE52525U2)	4	10,584.00	42,336.00	68%	13,547.52
N8GHBA000	QLOGIC QLE2562 HBA Card, PCIE, 8Gbps DualPort, Fiber Channel Multimode LC Optic Interface, English Manual, No Drive CD	8	1,698.00	13,584.00	0%	13,584.00
SN2F01FCPC	Patch Cord, DLC/PC, DLC/PC, Multi-mode, 3m, A1a.2, 2mm, 42mm DLC, OM3 bending insensitive	24	14.00	336.00	0%	336.00
LIC-55V5-BS	Basic Software License for Block (Including Device Manager, SmartThin, SmartMulti-tenant, SmartMigration, SmartErase, SmartMotion, UltraPath and SystemReporter)	1	8,676.00	8,676.00	70%	2,602.80
<b>Hardware &amp; Software Subtotal</b>						<b>223,836.72</b>
<b>Support &amp; Maintenance</b>						
02351QJY-88134ULF-36	5500 V5 (2U, Dual Ctrl, AC\240HVDC, 256GB, SmartIO, 8*8Gb FC, 4 Port 4*12Gbps SAS, 25*2.5", SPE34C0225 & 2*Disk Enclosure-2U, AC\240HVDC, 2.5", DAE52525U2&24*900GB SSD SAS Disk Unit(2.5"))-Hi-Care Onsite Premier 24x7x4H Engineer Onsite Service-36Month(s)	2	15,156.00	30,312.00	0%	30,312.00
88034JUH-88134UHK-36	Basic Software License for Block (Including Device Manager, SmartThin, SmartMulti-tenant, SmartMigration, SmartErase, SmartMotion, UltraPath and SystemReporter) - Hi-Care Application Software Upgrade Support Service-36Month(s)	1	2,085.00	2,085.00	0%	2,085.00
8812153244	OceanStor 5500 V5 Installation Service - Engineering	1	13,045.00	13,045.00	0%	13,045.00
<b>Support &amp; Maintenance Subtotal</b>						<b>45,442.00</b>
<b>SPC-1 Total System Price</b>						<b>269,278.72</b>
SPC-1 IOPS™						600,275
<b>SPC-1 Price-Performance™ (\$/SPC-1 KIOPS™)</b>						<b>448.60</b>
SPC-1 ASU Capacity (GB)						17,395
<b>SPC-1 ASU Price (\$/GB)</b>						<b>15.49</b>

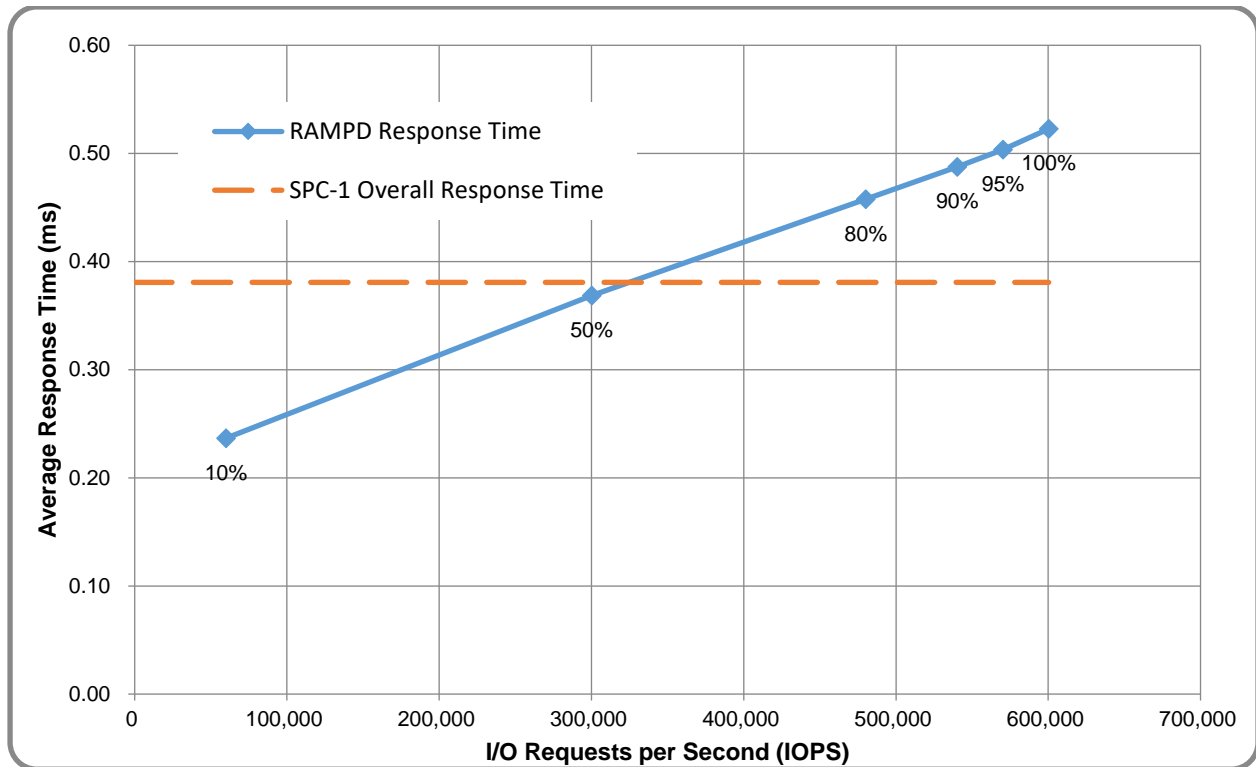
**Third-Party Reseller:** Huawei Technologies Co., Ltd. only sells its products to third-party resellers who, in turn, sell those products to U.S. customers. The above reflects the pricing quoted by one of those third-party resellers. See Appendix B of the Full Disclosure Report for a copy of the third-party reseller's quotation.

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

**Warranty:** Hi-Care Premier On-Site Service include: 7x24 Technical Assistance Center Access. Access to all new software updates and Online Support. 24x7 with 4-hour On-site Hardware Replacement.

**Availability Date:** Currently available.

### Response Time and Throughput Graph



Contact Information	
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Revision Information	
SPC Benchmark 1™ Revision	V3.7.0
SPC-1 Workload Generator Revision	V3.0.2-1 build g823a
Publication Revision History	First Edition