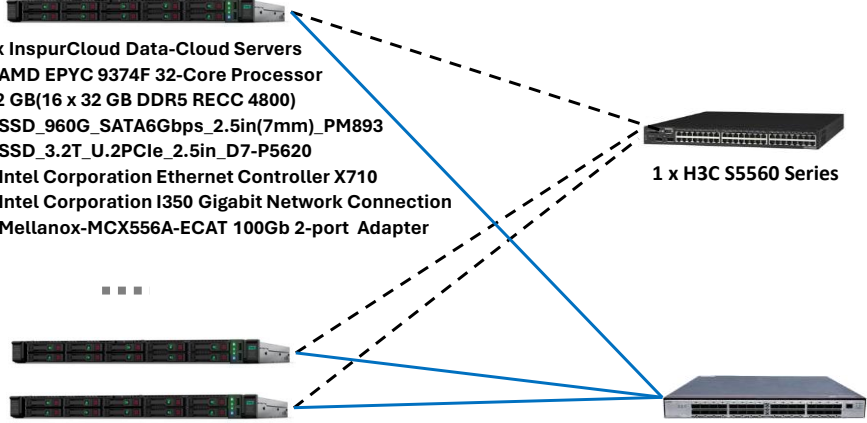


	<h2>InspurCloud Physical Server for Data</h2>		TPCx-HS 2.0.3 TPC Pricing 2.9.0 Report Date Jan. 30, 2024
Availability Date January 30, 2024	TPCx-HS Performance 53.19 HSph@1TB	Price/Performance \$13,238.36 \$/ HSph@1TB	Total System Cost \$704,148 USD
System Under Test Configuration Overview			
Scale Factor 1	Hadoop Software InspurCloud Data Cloud Platform 5.1.0	Operating System CentOS Linux 8.5	Other Software N/A
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>12x InspurCloud Data-Cloud Servers</p> <ul style="list-style-type: none"> 2x AMD EPYC 9374F 32-Core Processor 512 GB(16 x 32 GB DDR5 RECC 4800) 2x SSD_960G_SATA6Gbps_2.5in(7mm)_PM893 8x SSD_3.2T_U.2PCIe_2.5in_D7-P5620 1x Intel Corporation Ethernet Controller X710 1x Intel Corporation I350 Gigabit Network Connection 2x Mellanox-MCX556A-ECAT 100Gb 2-port Adapter <p>...</p> <p>10x InspurCloud Data-Cloud Servers</p> <ul style="list-style-type: none"> 2x AMD EPYC 9374F 32-Core Processor 512 GB(16 x 32 GB DDR5 RECC 4800) 2x SSD_960G_SATA6Gbps_2.5in(7mm)_PM893 8x SSD_3.2T_U.2PCIe_2.5in_D7-P5620 1x Intel Corporation I350 Gigabit Network Connection 2x Mellanox-MCX556A-ECAT 100Gb 2-port Adapter </div> <div style="width: 45%; text-align: center;">  <p>1 x H3C S5560 Series</p> <p>1 x HUAWEI CloudEngine 8850-64CQ-EI</p> </div> </div>			
Physical Storage/Scale Factor: 605.44		Scale Factor/Physical Memory: 0.09	
Total Number of Servers: Total Processors/Cores/Threads:		22 (22x InspurCloud Data-Cloud) 44/1,408/2,816	
Server Configuration: Processors Memory Storage Controller Storage Device Network	Per InspurCloud Data-Cloud Server 2x AMD EPYC 9374F 32-Core Processor 512 GiB 1x Broadcom / LSI SAS3008 2x 960 GB SATA SSD 8x 3.2 TB NVMe 2x Mellanox MCX556A-ECAT100 Gb 2-port (all nodes) 1x Intel I350 1 Gb (all nodes) 1x Intel x710 10 Gb (12 nodes)		
Connectivity: Total Rack Units:	1x H3C S5560 Series; 1x Huawei CloudEngine 8850-64CQ-EI 22 (2U) + 1 (1U) + 1 (2U) = 47U		

	<h2>InspurCloud Physical Server for Data</h2>				TPCx-HS	2.0.3	
					TPC Pricing	2.9.0	
					Report Date	Jan. 30, 2024	
Description		Part Number	Source	Unit Price	Qty	Extended Price	3 Yr. Maint. Price
Server Hardware							
InspurCloud Data-Cloud Server		P54199-B21		1 \$5,566.00	22	\$122,452.00	
AMD EPYC 9374F 3.85GHz 32-core 320W Processor		P54199-B21		1 \$2,514.00	44	\$110,616.00	
2U Passive CPU Heat Sink for AMD Socket SP5 Processors		SNK-P0083P		1 \$42.00	44	\$1,848.00	
Middle Cooling Fan for 2U Hyper-S Systems 80x80x38mm 13.5K RPM		FAN-0209L4-1		1 \$28.00	88	\$2,464.00	
32GB DDR5 RECC 4800B 2R*8(M321R4GA3BB6-CQKMS)		M321R4GA3BB6		1 \$140.00	352	\$49,280.00	
SSD 960G SATA 6Gbps 2.5in(7mm) PM893(MZ7L3960HCJR-00B7C)		MZ7L3960HCJR		1 \$140.00	44	\$6,160.00	
SSD 3.2T U.2PCIe 2.5in D7-P5620(SSDPF2KE032T1N1)		SSDPF2KE032T1N1		1 \$420.00	176	\$73,920.00	
1600W redundant single output power supply with inp		PWS-1K63A-1R		1 \$210.00	44	\$9,240.00	
Intel Corporation Ethernet Controller X710		Intel-X710		1 \$360.00	12	\$4,320.00	
Intel Corporation I350 Gigabit Network Connection		Intel-I350		1 \$84.00	22	\$1,848.00	
Mellanox-MCX556A-ECAT 100Gb 2-port Adapter		MCX556A-ECAT		1 \$698.00	44	\$30,712.00	
Software							
InspurCloud Data Cloud Platform 5.1.0 Subscription Edition - 3 Years				1 \$10,475.00	22		\$230,450.00
InspurCloud 7x24 On-site Service, 3 years (includes all hardware)				1 \$1,617.00	22		\$35,574.00
Other Hardware Components							
HUAWEI CloudEngine 8850-64CQ-EI		CE8850		1 \$23,040.00	1	\$23,040.00	
H3C S5560 Series Switch		S5560		1 \$1,120.00	1	\$1,120.00	
Rack 48U Advanced Pallet				1 \$418.00	1	\$418.00	
Mellanox 100Gb 5m Direct Attach Copper Cable				1 \$11.00	22	\$242.00	
H3C S5560 10m Network Cable				1 \$6.00	22	\$132.00	
Keyboard and Mouse				1 \$32.00	1	\$32.00	
Monitor				1 \$280.00	1	\$280.00	
Subtotal						\$438,124.00	\$266,024.00
Pricing: 1 = Inspur Cloud				Three-Year Cost of Ownership:		\$704,148	
Audited by Doug Johnson, InfoSizing				HSph@1TB:		53.19	
				\$ / HSph@1TB:		\$13,238.36	
<p><i>Prices used in TPC benchmarks reflect the actual prices a customer would pay for a one-time purchase of the stated Line Items. Individually negotiated discounts are not permitted. Special prices based on assumptions about past or future purchases are not permitted. All discounts reflect standard pricing policies for the listed Line Items. For complete details, see the pricing section of the TPC Benchmark Standard. If you find that the stated prices are not available according to these terms, please inform the TPC at pricing@tpc.org. Thank you.</i></p>							

	InspurCloud Physical Server for Data	TPCx-HS 2.0.3
		TPC Pricing 2.9.0
		Report Date Jan. 30, 2024
Numerical Quantities		
Performance Run – Run 1		
Scale Factor		1TB
Run Start Time	2024-01-29 18:47:33.000	
Run End Time	2024-01-29 18:48:40.000	
Run Elapsed Time		68.000
HSGen Start Time	2024-01-29 18:47:34.000	
HSGen End Time	2024-01-29 18:47:47.000	
HSGen Elapsed Time		14.815
HSSort Start Time	2024-01-29 18:47:49.000	
HSSort End Time	2024-01-29 18:48:30.000	
HSSort Elapsed Time		41.650
HSValidate Start Time	2024-01-29 18:48:32.000	
HSValidate End Time	2024-01-29 18:48:40.000	
HSValidate Elapsed Time		8.771
Repeatability Run – Run 2		
Scale Factor		1TB
Run Start Time	2024-01-29 18:48:53.000	
Run End Time	2024-01-29 18:49:59.000	
Run Elapsed Time		68.000
HSGen Start Time	2024-01-29 18:48:54.000	
HSGen End Time	2024-01-29 18:49:08.000	
HSGen Elapsed Time		15.218
HSSort Start Time	2024-01-29 18:49:10.000	
HSSort End Time	2024-01-29 18:49:50.000	
HSSort Elapsed Time		41.546
HSValidate Start Time	2024-01-29 18:49:52.000	
HSValidate End Time	2024-01-29 18:49:59.000	
HSValidate Elapsed Time		7.969

	<h2>InspurCloud Physical Server for Data</h2>	<table> <tr><td>TPCx-HS</td><td>2.0.3</td></tr> <tr><td>TPC Pricing</td><td>2.9.0</td></tr> <tr><td>Report Date</td><td>Jan. 30, 2024</td></tr> </table>	TPCx-HS	2.0.3	TPC Pricing	2.9.0	Report Date	Jan. 30, 2024
TPCx-HS	2.0.3							
TPC Pricing	2.9.0							
Report Date	Jan. 30, 2024							

Run Reports

Run Report for Performance Run – Run 1

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TPCx-HS Performance Metric (HSph@SF) Report

Test Run 1 Details	Total Time =	68
	Total Size =	10000000000
	Scale-Factor =	1

TPCx-HS Performance Metric (HSph@SF): 53.1914

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Run Report for Repeatability Run – Run 2


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TPCx-HS Performance Metric (HSph@SF) Report

Test Run 2 Details	Total Time =	68
	Total Size =	10000000000
	Scale-Factor =	1

TPCx-HS Performance Metric (HSph@SF): 53.1914

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	<h2>InspurCloud Physical Server for Data</h2>	TPCx-HS 2.0.3 TPC Pricing 2.9.0 Report Date Jan. 30, 2024
Revision History		
Date	Edition	Description
January 30, 2024	First	Initial Publication