


	<h2 style="text-align: center;">InspurCloud ICP Edge ICP5220A4</h2>		TPCx-V 2.1.9
			TPC Pricing 2.9.0
			Report Date Aug. 21, 2024
Availability Date August 21, 2024	TPCx-V Throughput 4,640.00 tpsV	Price/Performance \$12.08 USD / tpsV	Total System Cost \$56,041 USD


System Under Test Configuration Overview

Virtualization Software Inspur Cloud Platform V3.7	Guest VM OS InLinux 23.12 LTS	Processor Description AMD EPYC 9754 2.25GHz 128-core	Memory Size 1,536 GB
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- 1x InspurCloud ICP Edge ICP5220A4 with:
- 2x AMD EPYC 9754 2.25GHz 128-core 360W Processor
 - 24x 64GB DDR5 RECC 4800B 2R*4
 - 2x SSD 960G M.2
 - 3x MegaRAID LSI-9560-16i(8G)
 - 12x SSD 12.8T U.2PCIe 2.5in D7-P5620
 - 1x PCIE 200G 2Port QSFP112(MCX755106AS-HEAT)

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Description		Part Number	Key	Unit Price	Qty	Extended Price	3 yr. Maint. Price
Server Hardware							
InspurCloud ICP Edge ICP5220A4		B0.00.00.00012.00	1	\$4,149.00	1	\$4,149.00	
AMD EPYC 9754 2.25GHz 128-core 360W Processor		C0.20.00.00049.00		\$3,320.00	2	\$6,640.00	
2U Passive CPU Heat Sink for AMD Socket SP5 Processors		SNK-P0083P		\$41.00	2	\$82.00	
Middle Cooling Fan for 2U Hyper-S Systems 80x80x38mm 13.5K RPM		FAN-0209L4-1		\$28.00	4	\$112.00	
64GB DDR5 RECC 4800B 2R*4(M321R8GA0BB0-COKZJ)		C0.50.03.00004.00		\$277.00	24	\$6,648.00	
1600W redundant single output power supply with inp		PWS-1K63A-1R		\$207.00	2	\$414.00	
PCIe 200G 2Port QSFP12(MCX755106AS-HEAT)		C0.43.05.00005.00		\$1,660.00	1	\$1,660.00	
MegaRAID LSI-9560-16i(8G)		C0.44.00.00015.00		\$830.00	3	\$2,490.00	
Keyboard and Mouse		n/a		\$40.00	1	\$40.00	
Monitor		n/a		\$290.00	1	\$290.00	
3-yr 24x7 w/ 4hr Maintenance							(included)
Subtotal						\$22,525.00	\$0.00
Server Storage							
SSD 960G M.2PCe .2(22110)PM983(MZ1LB960HAJQ-000V7)		C0.31.04.00046.00	1	\$180.00	2	\$360.00	
SSD 12.8T U.2PCIe 2.5in D7-P5620		C0.31.00.00070.00	1	\$2,213.00	12	\$26,556.00	
Subtotal						\$26,916.00	\$0.00
Server Software							
InLinux 23.12 LTS			1	\$0.00	49	\$0.00	
InspurCloud Inspur Cloud Platform (ICP) V3.7 Subscription Edition - 3 Years			1	\$6,600.00	1	\$6,600.00	
Subtotal						\$6,600.00	\$0.00
Total						\$56,041.00	\$0.00
Pricing: 1 = InspurCloud				Three-Year Cost of Ownership:		\$56,041	
Audited by Doug Johnson, InfoSizing				TPCx-V Throughput:		4,640.00	
				\$ USD/tpsV:		\$12.08	
<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>							

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Guest VM Details						
Database Manager PostgreSQL 13.12	VM Memory (Total) 1,379.91 GiB	vCPUs (Total) 696	DB Initial Size 29,762.7 GB	Configured Customers 2,320,000	Active Customers 2,320,000	
Transaction Response Times (in seconds)						
Transaction Type		Min	Avg	90 th %	Max	
Broker-Volume		0.000	0.002	0.003	0.045	
Customer-Position		0.000	0.002	0.004	0.063	
Market-Watch		0.000	0.003	0.005	0.053	
Security-Detail		0.001	0.003	0.004	0.088	
Trade-Lookup		0.000	0.015	0.019	0.089	
Trade-Order		0.001	0.004	0.005	0.084	
Trade-Result		0.002	0.005	0.007	0.101	
Trade-Status		0.000	0.002	0.003	0.063	
Trade-Update		0.003	0.022	0.027	0.084	
Data-Maintenance		0.000	0.004	0.008	0.040	
Market-Feed		0.000	0.002	0.002	0.030	
Transaction Mix						
Transaction Type		Transaction Count		Mix Percentage		
Broker-Volume		13,287,881		3.900%		
Customer-Position		51,107,546		15.000%		
Market-Watch		57,922,004		17.000%		
Security-Detail		54,514,941		16.000%		
Trade-Lookup		30,664,450		9.000%		
Trade-Order		34,412,526		10.100%		
Trade-Result		34,075,008		10.001%		
Trade-Status		61,329,294		18.000%		
Trade-Update		3,407,135		1.000%		
Data-Maintenance		3,840		N/A		
Market-Feed		230,399		N/A		
Transaction Total				340,720,785		
Measurement Interval				02:00:00		
Business Recovery Time				00:04:03		
Redundancy Level Details				Redundancy Level 1 (via RAID 10)		
Auditor				Doug Johnson, InfoSizing		