C-J Alibaba Cloud		Alibaba Cloud MaxCompute				TPCx-BB Rev. v1.5.0 TPC-Pricing Rev. v2.7.0 Report Date: August 18, 2021		
Total System Cost			TPCx-BB Performance Metric			Price/Performance		
3,664,590 USD		46,059.27 BBQpm@100000				79.57 USD \$/BBQpm@100000		
Framework	Operating Sy	stem	Other Software	Availability Da	te So	cale Factor Stream		
MaxCompute v3.37	Alibaba Gr Enterprise L Server 7. (Paladin)	inux 2	None	August 1, 202	1	100000 4		
			System Con	figuration				
	C-) Alibaba	a Cloi	ud					
Alibaba Cloud Surface Surfac								
Physical Storag	ge/Scale Factor	57.25	5		Scale Fac	tor/Physical N	1emory: 2.07	
Servers: Total Processors/Cor	es/Threads		dmin Nodes / 58x Co 3,592/7,184	ompute Node / 9x S	Storage No	ode		
3x Master Node: 2x Intel® Xeon® Platinum 8163 CPU @ 2.50GHz 512 GiB Onboard SATA Controller 1x 240 GB SATA 6 Gbps SSD 1x 3.84 TB NVMe SSD Mellanox MT27710 ConnectX-4 Lx		58x Compute Node (Compute): 2x Intel(R) Xeon(R) Platinum 8269CY CPU @ 2.50GHz 768 GiB Onboard SATA Controller 1x 240 GB SATA 6 Gbps SSD 1x 3.84 TB OCSSD Mellanox MT27710 ConnectX-4 Lx Network Switch (8x 100 Gbps Up; 48x 25 Gbps		9x Storage Node (Storage): 2x Intel(R) Xeon(R) Platinum 8163 CPU @ 2.50GHz 256 GiB Onboard SATA Controller 2x 240 GB SATA 6 Gbps SSD 76x 8 TB SATA 6 Gbps HDD Mellanox MT27710 ConnectX-4 Lx				

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					110800010,	-
Description	Part Number	Source	Jnit Price	Qty	Ext. Price	3-Year Maint
License Compute and Software Services	Fait Number	Jource (Shit Price	ary	LAG PHCE	5-rear Walfil
•	Acia Dacific SE 1 (Singanoro)	1.0	61 EQ4 000 00		¢4 752 000 00	
MaxCompute Annual Subscription (6,000 CU)	Asia Pacific SE 1 (Singapore)	1,	\$1,584,000.00) 3	\$4,752,000.00	
Master Node				3		
Intel® Xeon® Platinum 8163 @ 2.50 GHz				2		
32 GB Memory				16		
240 GB SATA 6 Gbps SSD				1		
3.84 TB NVMe SSD				1		
Compute Node				58		
•				2		
Intel® Xeon® Platinum 8269CY @ 2.50 GHz						
32 GB Memory				24		
240 GB SATA 6 Gbps SSD				1		
3.84 TB OCSSD				1		
Storage Node				9		
Intel® Xeon® Platinum 8163 @ 2.50 GHz				2		
_				_		
32 GB Memory				8		
240 GB SATA 6 Gbps SSD				2		
8 TB SATA 6 Gbps HDD				76		
Network Switches (8x100Gbps Up; 48x25Gbps Down)				NA		
1-Year Annual Subscription Discount (30%)			-\$475,200.00) 3	-\$1,425,600.00	
Man Carrier to Starter for Lucar			64 coc 7		614 050 00	
MaxCompute Storage for 1 year		1	\$4,686.74	4 3	\$14,060.22	
100000 Scale Factor (20.90 TB compressed)						
MaxCompute Enterprise Service for 1 year		1	\$106,744.08	3 3		\$320,232.24
24x7, 4 hour response		_	,,			
	License Compute an	d Softwar	re Services S	ub-Total	\$3,340,460.22	\$320,232.24
	-					
Other Components						
13-inch MacBook Pro 1.4GHz (includes 2 spares)		2	\$1,299.00) 3		
		Other Co	mponents S	ub-Total	\$3,897.00	\$0.0
Pricing:1 = Alibaba; 2 = Apple.com			Three	e-Year Co	ost of Ownershij	\$3,664,59
⁽¹⁾ All discounts are based on US list prices and for similar q	uantities and configurations. Th	e discount				\$6,001,65
are based on the overall specific components pricing from re Discounts for similarly sized configurations will be similar to the components in the configuration.	espective vendors in this single of	quotation.		I	3BQpm@10000) 46,059.2'
Audited by Doug Johnso	n, InfoSizing			\$/1	3BQpm@10000) \$ 79.5'
Prices used in TPC benchmarks reflect the	actual prices a customer	would p	av for a one	timo n	urchase of the	stated
	1		•	-		
components. Individually negotiated discounts						
purchases are not permitted. All discounts refl						
soo the pricing soctions of the TUC' bonchmark	specifications. If you find	i that the	e stated pric	es are n	ot available a	ccording to
see the pricing sections of the TPC benchmark	lease inform at pricing@t					

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			August 18, 2021
	Numerical Q	Juantities	
Scale Factor			100000
Streams			4
SUT Validation T	'est		PASS
	Performance Ru	un (Run 1)	
Overall Run Start		2021-07-25 10	
Overall Run End		2021-07-25 17	
Overall Run Elap	sed Time		24,520.291
Load Test Start T	ime	2021-07-25 10):50:43.452
Load Test End Ti	me	2021-07-25 12	2:06:37.186
Load Test Elapse	d Time		4,553.734
Power Test Start	Time	2021-07-25 12	2:06:37.188
Power Test End 7	lime	2021-07-25 14	4:14:07.715
Power Test Elaps	ed Time		7,650.527
Throughput Test	Start Time	2021-07-25 14	4:14:07.715
Throughput Test	End Time	2021-07-25 17	7:39:23.742
Throughput Test	Elapsed Time		12,316.027
Performance Met	ric (BBQpm@ 100000)		46,059.27
	Repeatability R	un (Run 2)	
Overall Run Start		2021-07-25 20):12:43.107
Overall Run End	Time	2021-07-26 02	2:46:40.529
Overall Run Elap	sed Time		23,637.422
Load Test Start T	ime	2021-07-25 20):12:43.108
Load Test End Ti		2021-07-25 2	
Load Test Elapse	d Time		3,657.701
Power Test Start	Time	2021-07-25 22	1:13:40.811
Power Test End 7		2021-07-25 23	
Power Test Elaps			6,387.529
· · · · · · · · · · · · · · · · · · ·			- ,
Throughput Test	Start Time	2021-07-25 23	3:00:08.340
Throughput Test	End Time	2021-07-26 02	2:46:40.528
Throughput Test	Elapsed Time		13,592.188
Performance Met	ric (BBQpm@ 100000)		47,385.53

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