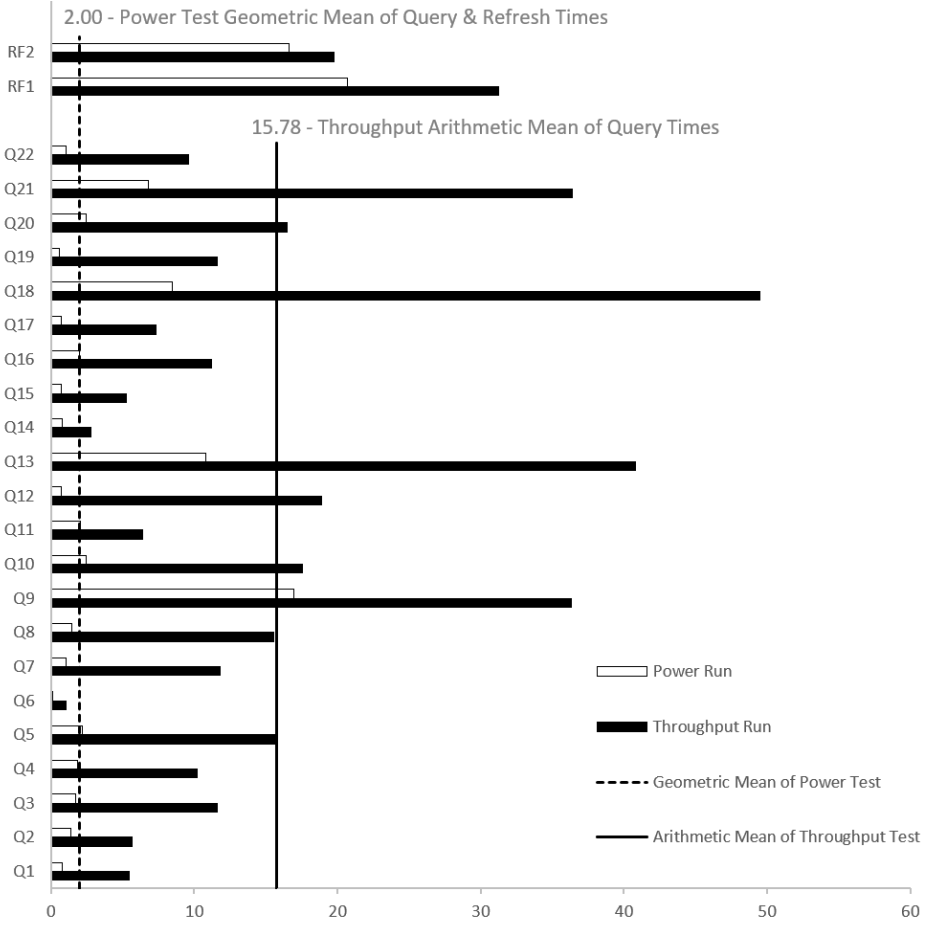


		Azure F64amds_v7 Virtual Machine		TPC-H Rev. 3.0.1 TPC Pricing Rev. 2.9.0
				Report Date: Sept 10,2026
Total System Cost		Composite Query per Hour Rating		Price/Performance
\$930,701 USD		1,667,428.5 QphH @ 1,000GB		\$558.17 USD \$ / kQphH @ 1,000GB
Database Size	Database Manager	Operating System	Other Software	Availability Date
1,000GB	Microsoft® SQL Server 2025 Enterprise Edition	Microsoft Windows Server 2025 DataCenter	None	Sept 10, 2026



Database Load Time = 0d 06h 28m 36s	Storage Redundancy Level	
Load included backup: Y	Base Tables and Auxiliary Data Structures	No RAID
Total Data Storage / Database Size = 14.73	DB Root, Transaction log, DB Backup	Software RAID
Memory/Database Size = 51.2 %	OS	Hardware RAID 1

System Components	System Total
Nodes:	1
AMD® EPYC 9V45 @ 2.60GHz:	1
Cores/Threads:	64/64
Memory:	512 GiB
512GB Premium SSD v2 Disks	8
1536 GB Premium SSD v2 Disks	2
1761.28 GB Ephemeral disks	4
512GB SSD LRS Disk	1
Total Storage: 14,725.12 GiB	

		Azure F64amds_v7 Virtual Machine		TPC-H Rev. 3.0.1 TPC Pricing Rev. 2.9.0	
				Report Date: Sept 10,2026	
Line Item	Source	Monthly Cost	Qty	Extended Price	3 Year Maintenance
		(South Central US, 3-year reserved pricing, assuming 730 hours)			
F64amds_v7 (64 vCPU, 512 GB RAM)	1	\$1,928.72	36	\$69,433.92	Included
OS Disk - 512 GB	1	Included			Included
Ephemeral disk - 4x 1.72 TB disks	1	Included			Included
Windows 2025 Datacenter Edition	1	\$2,149.12	36	\$77,368.32	Included
SQL Server 2025 Enterprise Edition	1	\$17,520.00	36	\$630,720.00	Included
8xPv2 512 GB	1	\$328.91	36	\$11,840.76	Included
8x80,000 IOPS	1	\$3,147.76	36	\$113,319.36	Included
8x1500 MB/s	1	\$451.00	36	\$16,236.00	Included
2xPv2 1.5 TB	1	\$240.90	36	\$8,672.40	Included
2x5000 IOPS	1	\$20.44	36	\$735.84	Included
2x750 MB/s	1	\$50.19	36	\$1,806.84	Included
Total cost :		\$25,837.04		\$930,133.44	
Other Components:					
Laptop - Lenovo 300e Chromebook (includes spares)	2	\$189.00	3	\$567.00	
1 = Microsoft Azure, 2=Lenovo		3 Year cost of ownership			\$930,701
All prices are based on 3-year pre=paid subscriptions.		QphH @ 1,000GB			1,667,428.50
		\$ USD/KQphH @ 1,000GB			\$558.17

	Azure F64amds_v7 Virtual Machine	TPC-H Rev. 3.0.1 TPC Pricing Rev. 2.9.0				
		Report Date: Sept 10,2026				
Numerical Quantities						
Measurement Results						
Database Scale Factor	1,000					
Total Data Storage / Database Size	14.73					
Percentage Memory / Database Size	51.2 %					
Start of Database Load	2026-09-02 18:46:51					
End of Database Load	2026-09-03 01:15:27					
Database Load Time	00d 06h 28m 36s					
Query Streams for Throughput Test	7					
TPC-H Power	1,800,987.9					
TPC-H Throughput	1,543,773.7					
TPC-H Composite Query-per-Hour (QphH@3,000GB)	1,667,428.5					
Total System Price over 3 Years (\$ USD)	\$930,701					
TPC-H Price/Performance Metric (\$ USD / kQphH@3,000GB)	\$558.17					
Measurement Interval						
Measurement Interval in Throughput Test	359.12 seconds					
Duration of Stream Execution						
Power Run	Seed	Query Start Time	Total Time	RF1 Start Time	RF2 Start Time	
		Query End Time	(hh:mm:ss)	RF1 End Time	RF2 End Time	
	903011527	2026-09-03 01:16:28	00:01:08	2026-09-03 01:16:05	2026-09-03 01:17:38	
		2026-09-03 01:17:36		2026-09-03 01:16:26	2026-09-03 01:17:55	
Throughput Stream	Seed	Query Start Time	Total Time	RF1 Start Time	RF2 Start Time	
		Query End Time	(hh:mm:ss)	RF1 End Time	RF2 End Time	
	1	903011528	2026-09-03 01:17:54	00:05:53	2026-09-03 01:17:54	2026-09-03 01:18:27
			2026-09-03 01:23:47		2026-09-03 01:18:27	2026-09-03 01:18:45
2	903011529	2026-09-03 01:17:54	00:05:58	2026-09-03 01:18:45	2026-09-03 01:19:18	
		2026-09-03 01:23:52		2026-09-03 01:19:18	2026-09-03 01:19:37	
3	903011530	2026-09-03 01:17:54	00:05:51	2026-09-03 01:19:37	2026-09-03 01:20:08	
		2026-09-03 01:23:45		2026-09-03 01:20:08	2026-09-03 01:20:27	
4	903011531	2026-09-03 01:17:54	00:05:59	2026-09-03 01:20:27	2026-09-03 01:20:59	
		2026-09-03 01:23:53		2026-09-03 01:20:59	2026-09-03 01:21:20	
5	903011532	2026-09-03 01:17:54	00:05:30	2026-09-03 01:21:21	2026-09-03 01:21:52	
		2026-09-03 01:23:24		2026-09-03 01:21:52	2026-09-03 01:22:13	
6	903011533	2026-09-03 01:17:54	00:05:58	2026-09-03 01:22:13	2026-09-03 01:22:46	
		2026-09-03 01:23:52		2026-09-03 01:22:46	2026-09-03 01:23:06	
7	903011534	2026-09-03 01:17:54	00:05:30	2026-09-03 01:23:06	2026-09-03 01:23:35	
		2026-09-03 01:23:24		2026-09-03 01:23:35	2026-09-03 01:23:54	

Azure F64amds_v7 Virtual Machine

TPC-H Rev. 3.0.1
TPC Pricing Rev. 2.9.0

Report Date:
Aug 15,2026

TPC-H Timing Intervals (in seconds):

Stream ID	0	1	2	3	4	5	6	7	QI Min	QI Avg	QI Max
Q1	0.81	4.47	7.33	4.44	6.19	6.22	5.77	3.61	0.81	4.86	7.33
Q2	1.39	5.95	3.42	8.03	5.95	5.64	6.03	4.61	1.39	5.13	8.03
Q3	1.69	11.80	10.88	10.27	9.84	12.31	11.75	14.52	1.69	10.38	14.52
Q4	1.86	10.19	9.00	10.44	10.08	11.81	11.28	8.61	1.86	9.16	11.81
Q5	2.16	12.94	15.92	16.49	15.81	16.81	14.77	16.94	2.16	13.98	16.94
Q6	0.09	0.47	0.59	1.14	0.58	0.52	2.22	1.63	0.09	0.91	2.22
Q7	1.06	12.36	12.80	11.88	12.09	9.38	12.75	11.20	1.06	10.44	12.80
Q8	1.44	15.89	25.25	13.39	14.64	15.38	11.66	12.50	1.44	13.77	25.25
Q9	16.95	37.33	37.94	38.97	34.69	36.77	33.64	35.06	16.95	33.92	38.97
Q10	2.45	15.99	16.09	19.00	18.70	16.78	17.47	18.92	2.45	15.68	19.00
Q11	2.06	7.70	9.63	5.53	5.23	5.30	5.59	5.88	2.06	5.87	9.63
Q12	0.69	24.83	24.39	12.22	38.34	7.67	13.50	11.27	0.69	16.61	38.34
Q13	10.80	38.77	37.24	41.02	42.78	41.94	42.08	42.02	10.80	37.08	42.78
Q14	0.80	3.19	3.70	2.31	3.05	2.14	2.47	2.72	0.80	2.55	3.70
Q15	0.70	4.72	4.95	5.28	6.67	3.78	4.08	7.11	0.70	4.66	7.11
Q16	1.97	10.61	9.81	10.95	10.61	13.05	11.59	11.70	1.97	10.04	13.05
Q17	0.73	5.75	5.81	7.44	5.47	9.91	12.69	4.42	0.73	6.53	12.69
Q18	8.49	44.09	56.63	37.95	50.61	42.80	68.09	46.34	8.49	44.38	68.09
Q19	0.59	14.49	14.20	13.94	13.81	2.61	12.56	9.72	0.59	10.24	14.49
Q20	2.46	16.06	17.56	18.36	6.64	17.95	20.20	18.56	2.46	14.72	20.20
Q21	6.83	47.24	27.37	39.81	40.92	40.56	27.72	31.44	6.83	32.74	47.24
Q22	1.06	6.83	6.45	20.72	5.47	9.34	8.91	9.64	1.06	8.55	20.72
RF1	20.70	31.66	32.92	30.30	31.58	31.25	32.55	28.34	20.70	29.91	32.92
RF2	16.63	18.32	18.80	19.42	21.39	20.75	20.33	19.38	16.63	19.38	21.39