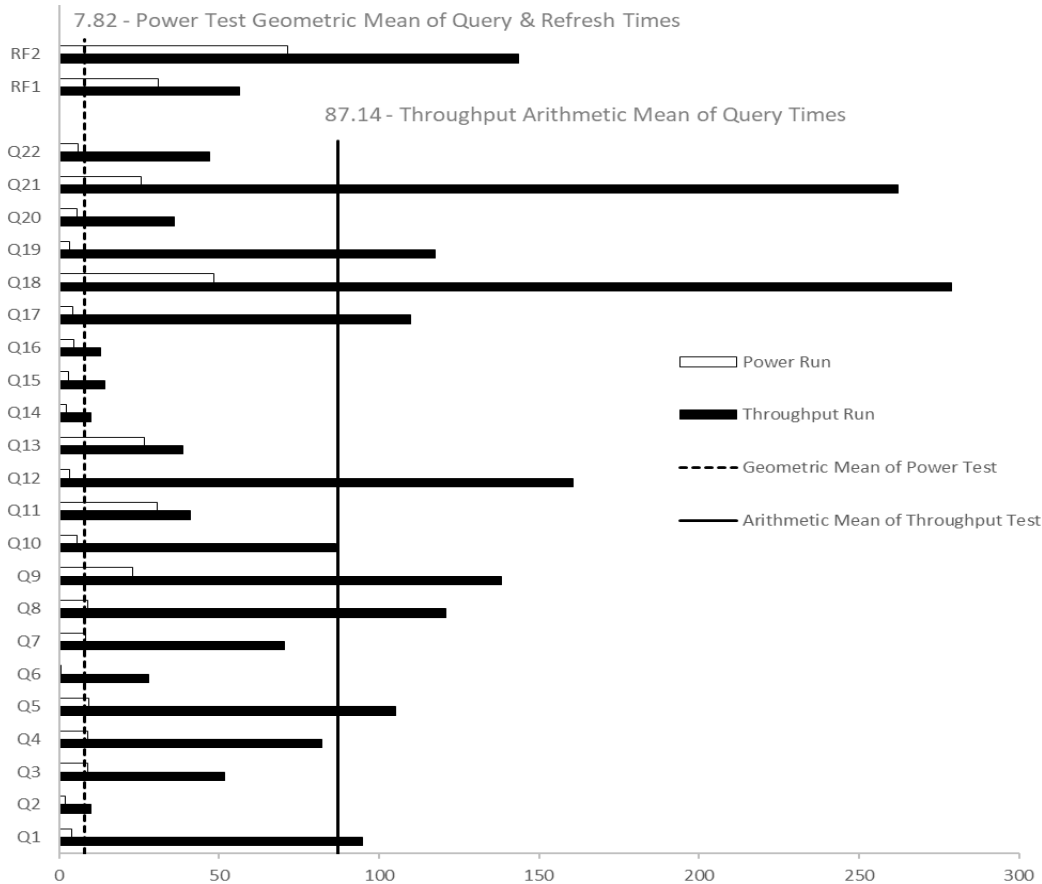


 Hewlett Packard Enterprise		HPE ProLiant DL385 Gen11		TPC-H Rev. 3.0.1 TPC Pricing Rev. 2.9.0	
				Report Date: November 18, 2025	
Total System Cost		Composite Query per Hour Rating		Price/Performance	
\$1,340,236 USD		4,036,908.2 QphH @ 10,000GB		\$332.00 USD \$ / kQphH @ 10,000GB	
Database Size	Database Manager	Operating System	Other Software		Availability Date
10,000GB	Microsoft® SQL Server 2025 Enterprise Edition	Microsoft Windows Server 2025	None		May 22, 2026



Database Load Time = 0d 15h 33m 49s	Storage Redundancy Level																			
Load included backup: Y	Base Tables and Auxiliary Data Structures	No RAID																		
Total Data Storage / Database Size = 4.86	DBMS Temporary Space	No RAID																		
Memory/Database Size = 61.4%	OS, DBMS Software, Transaction Logs and Backup	RAID 1																		
<table><tr><th>System Components</th><th>System Total</th></tr><tr><td>Nodes:</td><td>1</td></tr><tr><td>AMD® EPYC 9575F @ 3.29 GHz:</td><td>2</td></tr><tr><td>Cores/Threads:</td><td>128/256</td></tr><tr><td>Memory:</td><td>6,144 GiB</td></tr><tr><td>3.2TB E3S Drives</td><td>12</td></tr><tr><td>6.4TB NVMe Drives</td><td>2</td></tr><tr><td>RAID1 Boot Controller with 480GB M.2 NVMe</td><td>2</td></tr><tr><td>Total Storage:</td><td>48,577.79 GiB</td></tr></table>			System Components	System Total	Nodes:	1	AMD® EPYC 9575F @ 3.29 GHz:	2	Cores/Threads:	128/256	Memory:	6,144 GiB	3.2TB E3S Drives	12	6.4TB NVMe Drives	2	RAID1 Boot Controller with 480GB M.2 NVMe	2	Total Storage:	48,577.79 GiB
System Components	System Total																			
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 Hewlett Packard Enterprise	HPE ProLiant DL385 Gen11		TPC-H Rev. 3.0.1 TPC Pricing Rev. 2.9.0			
			Report Date: November 18, 2025			
Description	Price Key	Part Number	Unit Price	Qty	Extended Price	3 Yr Maint Price
Server Hardware						
HPE DL385 Gen11 12EDSFF CTO Svr	1	P53929-B21	\$4,867	1	\$4,867	
AMD EPYC 9575F 64C CPU for HPE	1	P72758-B21	\$22,623	2	\$45,246	
HPE DL3X5 Gen11 Perf 2U Heat Sink Kit	1	P58459-B21	\$256	1	\$256	
HPE DL3X5 Gen11 2U Perf Fan Kit	1	P58465-B21	\$160	1	\$160	
HPE 256GB 4Rx4 PC5-6400B-R 3DS Smart Kit	1	P73446-B21	\$31,856	24	\$764,544	
HPE 1600W FS Plat Ht Plg LH Pwr Sply Kit	1	P38997-B21	\$890	2	\$1,780	
MLX MCX623106AS 100GbE 2p QSFP56 Adptr	1	P25960-B21	\$1,500	1	\$1,500	
HPE 48U 600x1075mm Adv G2 Kit Plt Rack	1	P9K19A	\$3,023	1	\$3,023	
HPE 3 Year Total Care Essential for DL385 Gen11	1	H79H3E	\$6,169	1		\$6,169
Subtotal					\$821,376	\$6,169
Storage						
HPE 3.2TB NVMe MU E3S EC1 CM7 SSD	1	P61191-B21	\$7,659	12	\$91,908	
HPE 6.4TB NVMe MU SFF BC U.3 PM1735a SSD	1	P50233-B21	\$16,983	2	\$33,966	
HPE NS204i-u Gen11 Ht Plg Boot Opt Dev	1	P48183-B21	\$1,795	1	\$1,795	
HPE MR416i-p Gen11 SPDM Storage Cntlr	1	P47777-B21	\$3,560	1	\$3,560	
HPE DL3X5 G11 NS204i-u NVMe Boot Cbl Kit	1	P57013-B21	\$83	1	\$83	
HPE DL385 Gen11 20EDSFF x4 FIO Kit	1	P64383-B21	\$1,192	1	\$1,192	
HPE DL385 G11 2 SFF NVME U.3 x4 drive cage kit	1	P55091-B21	\$1,145	1	\$1,145	
HPE Gen 11 EI Rail Kit	1	P52351-B21	\$141	1	\$141	
HPE DL385G10 Standard Riser	1	Standard DL385G11Riser	\$0	1	\$0	
Subtotal					\$133,789	\$0
Other						
HP Series 5 FHD Monitor + Wireless Mouse and Keyboard Bundle	3	94C21AA 3ML04AA	\$150	3	\$450	
Subtotal					\$450	\$0
Software Components						
SQL Server 2025 Enterprise Edition (2 core license, 64 cores)	2	N/A	\$15,123	64	\$967,872	
Microsoft Problem Resolution Services	2	N/A	\$259	1		\$259
MS WS25 16C DC Add Lic WW SW(16 Core license)	1	P77107-B21	\$5,712.00	8	\$45,696	
Subtotal					\$1,013,568	\$259
Total Extended Price					\$1,969,183	\$6,428
Total Discounts					\$631,367.0	\$4,009.00
Price Key: 1 - HPE , 2 – Microsoft, 3 – Hewlett Packard Inc.		Grand Total				
Audited by Doug Johnson of InfoSizing (www.sizing.com)		\$1,337,816.07 \$2,419.00				
All discounts are based on US list prices and for similar quantities and configurations. A 65% discount was based on the overall specific components pricing from vendor 1 except 23% only for Software Component from vendor 1 in this single quotation. Discounts for similarly sized configurations will be similar to those quoted here, but may vary based on the components in the configuration.		3 year cost of ownership USD:				\$1,340,236.00
		QphH @ 10,000GB :				4,036,908.2
		\$ USD/QphH @ 10,000GB				\$332.00
Sales contact: HPE WW Headquarters, 3000 Hanover St., Palo Alto, CA 94304-1185 (855)472-5233 / (800)786-7967 / (888)269-4073 (US)						
Microsoft Corporation, One Microsoft Way, Redmond, WA 98052-6399 (425) 882 8080						
Prices used in TPC benchmarks reflect the actual prices a customer would pay for a one-time purchase of the stated components. 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 components. For complete details, see the pricing sections of the TPC benchmark specifications. If you find that the stated prices are not available according to these terms, please inform at pricing@tpc.org. Thank you.						



Numerical Quantities

Measurement Results

Database Scale Factor	10,000
Total Data Storage / Database Size	4.86
Percentage Memory / Database Size	61.4%
Start of Database Load	2025-11-05 05:11:43
End of Database Load	2025-11-06 00:00:37
Database Load Time	00d 15h 33m 49s
Query Streams for Throughput Test	9
TPC-H Power	4,603,614.5
TPC-H Throughput	3,539,963.6
TPC-H Composite Query-per-Hour (QphH@10,000GB)	4,036,908.2
Total System Price over 3 Years (\$ USD)	\$1,340,236
TPC-H Price/Performance Metric (\$ USD / kQphH@10,000GB)	\$332.00

Measurement Interval

Measurement Interval in Throughput Test	2013.58 seconds
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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
	1106000037	2025-11-06 00:53:18	00:04:04	2025-11-06 00:52:47	2025-11-06 00:57:22
		2025-11-06 00:57:22		2025-11-06 00:53:18	2025-11-06 00:58:33
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	1106000038	2025-11-06 00:58:32	00:31:41	2025-11-06 00:58:32	2025-11-06 00:59:27
		2025-11-06 01:30:13		2025-11-06 00:59:27	2025-11-06 01:01:33
2	1106000039	2025-11-06 00:58:32	00:32:52	2025-11-06 01:01:33	2025-11-06 01:02:35
		2025-11-06 01:31:24		2025-11-06 01:02:35	2025-11-06 01:05:09
3	1106000040	2025-11-06 00:58:32	00:33:04	2025-11-06 01:05:09	2025-11-06 01:06:14
		2025-11-06 01:31:36		2025-11-06 01:06:14	2025-11-06 01:08:26
4	1106000041	2025-11-06 00:58:32	00:31:17	2025-11-06 01:08:27	2025-11-06 01:09:20
		2025-11-06 01:29:49		2025-11-06 01:09:20	2025-11-06 01:11:13
5	1106000042	2025-11-06 00:58:32	00:29:32	2025-11-06 01:11:13	2025-11-06 01:12:04
		2025-11-06 01:28:04		2025-11-06 01:12:04	2025-11-06 01:14:13
6	1106000043	2025-11-06 00:58:32	00:32:48	2025-11-06 01:14:13	2025-11-06 01:15:06
		2025-11-06 01:31:20		2025-11-06 01:15:06	2025-11-06 01:17:45
7	1106000044	2025-11-06 00:58:32	00:32:36	2025-11-06 01:17:45	2025-11-06 01:18:34
		2025-11-06 01:31:08		2025-11-06 01:18:34	2025-11-06 01:21:22
8	1106000045	2025-11-06 00:58:33	00:33:34	2025-11-06 01:21:22	2025-11-06 01:22:24
		2025-11-06 01:32:07		2025-11-06 01:22:24	2025-11-06 01:24:40
9	1106000046	2025-11-06 00:58:33	00:30:19	2025-11-06 01:24:40	2025-11-06 01:25:40
		2025-11-06 01:28:52		2025-11-06 01:25:40	2025-11-06 01:28:36



**Hewlett Packard
Enterprise**

HPE ProLiant DL385 Gen11

TPC-H Rev. 3.0.1
TPC Pricing Rev. 2.9.0

Report Date:
November 18, 2025

TPC-H Timing Intervals (in seconds):

Stream ID	0	1	2	3	4	5	6	7	8	9	Min Qi	Avg. Qi	Max. Qi
Q1	3.98	95.73	96.10	98.15	118.28	127.73	21.12	100.76	119.52	76.68	3.98	85.81	127.73
Q2	1.89	9.04	3.33	6.59	8.84	14.29	6.64	9.76	9.36	20.56	1.89	9.03	20.56
Q3	9.01	35.02	96.64	11.48	59.28	55.56	34.99	46.88	51.86	73.19	9.01	47.39	96.64
Q4	8.92	36.04	78.18	90.42	109.36	90.07	94.13	110.82	93.01	38.24	8.92	74.92	110.82
Q5	9.25	117.67	124.38	75.78	98.48	66.17	85.85	114.07	86.95	176.83	9.25	95.54	176.83
Q6	0.56	23.65	17.62	21.49	23.74	24.38	16.78	35.40	56.33	31.96	0.56	25.19	56.33
Q7	8.31	86.93	18.45	74.09	67.23	73.40	64.59	65.61	128.36	55.32	8.31	64.23	128.36
Q8	8.83	154.60	119.58	178.57	124.69	67.00	108.40	97.32	107.94	129.78	8.83	109.67	178.57
Q9	22.89	83.12	180.39	181.06	119.36	102.93	145.32	122.16	175.88	135.22	22.89	126.83	181.06
Q10	5.44	67.03	45.55	82.54	78.37	109.52	100.90	122.90	83.18	88.81	5.44	78.42	122.90
Q11	30.63	54.71	41.22	39.57	38.19	34.04	43.77	42.62	32.84	42.99	30.63	40.06	54.71
Q12	3.22	153.21	165.27	117.21	166.97	169.93	168.85	164.58	218.07	121.16	3.22	144.85	218.07
Q13	26.48	34.71	32.38	35.74	29.37	41.26	44.79	45.55	36.82	48.04	26.48	37.51	48.04
Q14	2.22	6.78	13.70	7.86	14.34	5.42	25.01	3.64	7.81	4.92	2.22	9.17	25.01
Q15	2.80	21.29	23.39	11.40	4.77	6.48	41.65	5.61	5.34	9.56	2.80	13.23	41.65
Q16	4.48	9.19	16.73	8.95	14.48	13.59	7.81	16.40	13.61	15.18	4.48	12.04	16.73
Q17	4.37	105.74	112.00	94.48	94.91	80.62	161.44	131.76	104.26	104.10	4.37	99.37	161.44
Q18	48.35	313.59	320.97	338.28	251.25	257.81	454.04	254.42	93.66	225.41	48.35	255.78	454.04
Q19	3.20	103.06	124.56	152.03	100.51	109.18	113.89	111.00	136.89	106.22	3.20	106.05	152.03
Q20	5.70	32.73	31.77	48.96	22.06	37.01	22.56	28.66	57.41	43.10	5.70	33.00	57.41
Q21	25.53	317.05	261.33	220.74	322.17	254.34	163.23	286.51	276.35	258.89	25.53	238.61	322.17
Q22	6.05	39.10	47.32	87.56	9.47	29.85	40.41	38.26	117.72	12.58	6.05	42.83	117.72
RF1	30.93	54.13	61.97	65.02	53.00	50.79	52.11	48.52	61.95	59.91	30.93	53.83	65.02
RF2	71.37	125.31	153.73	132.28	113.00	129.48	159.34	167.68	135.89	175.97	71.37	136.41	175.97