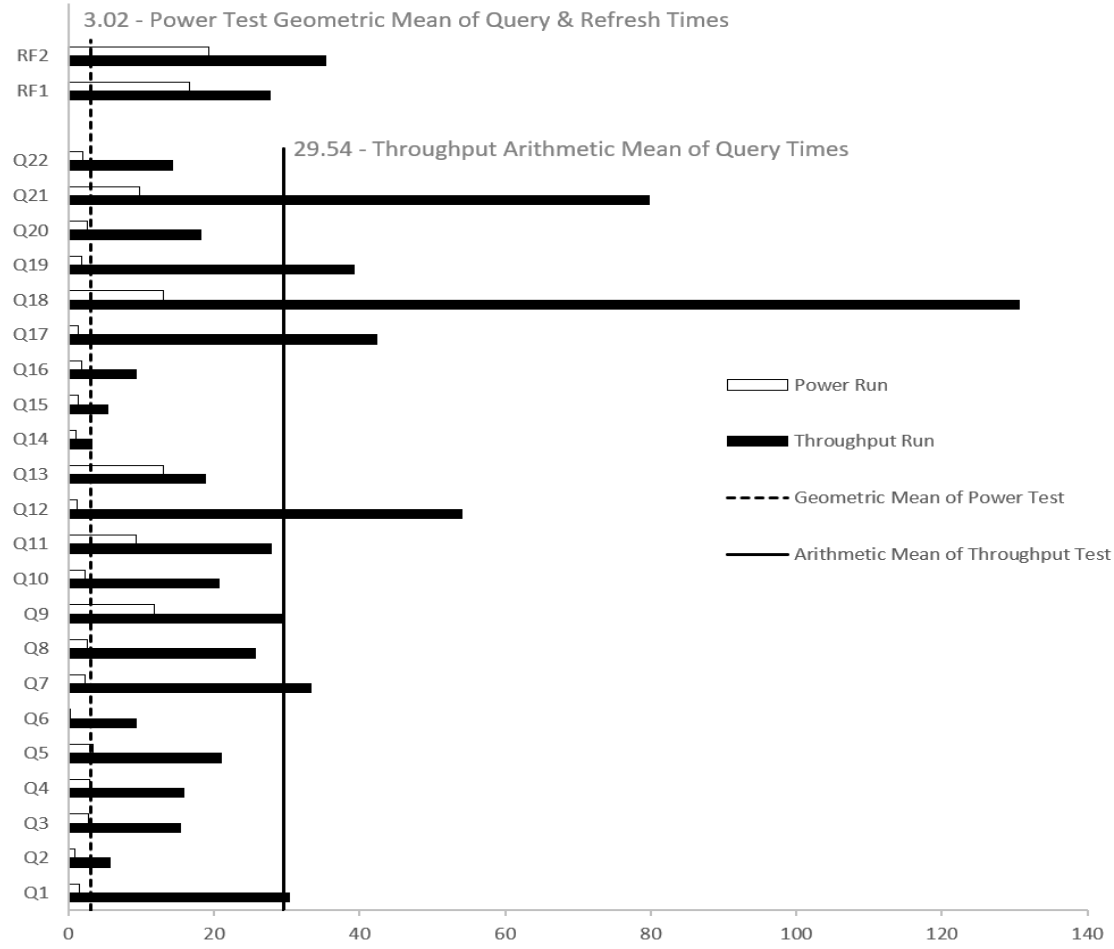
Hewlett Packard Enterprise	**HPE ProLiant DL525 Gen13**	TPC-H Rev. 3.0.1 TPC Pricing Rev. 2.9.0 Report Date: November 7, 2026
Total System Cost	Composite Query per Hour Rating	Price/Performance
$782,925 USD	**3,187,043.5** QphH @ 3,000GB	**$245.66 USD** $ / kQphH @ 3,000GB

Database Size	Database Manager	Operating System	Other Software	Availability Date
3,000GB	**Microsoft® SQL Server 2025 Enterprise Edition**	**Microsoft Windows Server 2025**	**None**	**February 1, 2026**



Database Load Time = **0d 8h 42m 18s**	**Storage Redundancy Level**	
Load included backup: **Y**	Base Tables and Auxiliary Data Structures	**No RAID**
Total Data Storage / Database Size = **8.94**	DBMS Temporary Space	**No RAID**
Memory/Database Size = **68.3%**	OS, DBMS Software and DB Logs	**RAID 1**

System Components	**System Total**
Nodes:	1
AMD® EPYC 9586F @ 4.05 GHz :	1
Cores/Threads:	64/128
Memory:	2,048 GiB
3.2TB E3S Drives	2
1.6TB E3S Drives	14
Total Storage:	
	26,822.09 GiB

Copyright © 2021 Hewlett Packard Enterprise. All rights reserved.

Hewlett Packard Enterprise

HPE ProLiant DL525 Gen13

TPC-H Rev. 3.0.1
TPC Pricing Rev. 2.9.0

Report Date: November 7, 2026

Description	Price Key	Part Number	Unit Price	Qty	Extended Price	3 Yr Maint Price
Server Hardware						
HPE DL525 Gen13 EDSFF CTO Svr	1a	P96922-B21	$5,806	1	$5,806	
AMD EPYC 9586F SP7 4.05 GHz 64-core 500W Processor for HPE	1a	P95150-B21	$33,954	1	$33,954	
HPE ProLiant DL525 Gen13 Performance Heat Sink Kit	1b	P96963-B21	$1,016	1	$1,016	
HPE 128GB 2Rx4 PC5-8000B-R Smart Kit	1c	P83826-B21	$102,547	16	$1,640,752	
HPE 1500W M-CRPS Titanium Hot Plug Power Supply Kit	1a	P67244-B21	$1,485	4	$5,940	
MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	1a	P42044-B21	$1,500	1	$1,500	
HPE 42U 800x1075 Ent G2 Shock Rack	1a	P9K42A	$6,000	1	$6,000	
HPE 3Y TC Ess DL525 GEN13 HWSVC	1a	H59SWE	$10,957	1		$10,957
			Subtotal		**$1,694,968**	**$10,957**
Storage						
HPE 1.6TB NVMe MU E3S EC1 CD9P SSD	1a	P86016-B21	$17,783	14	$248,962	
HPE 3.2TB NVMe MU E3S EC1 CD9P SSD	1a	P86018-B21	$24,328	2	$48,656	
HPE ProLiant Gen13 OROC to MXIO x8 0.9m Straight Cable Kit	1b	P96940-B21	$104	2	$208	
HPE ProLiant Gen13 x8 NVMe 0.7m PCIe Gen6 DA Straight Cable Kit	1b	P96937-B21	$172	2	$344	
HPE ProLiant Gen13 x8 NVMe 0.6m PCIe Gen6 DA Straight Cable Kit	1b	P96936-B21	$167	4	$668	
HPE ProLiant Gen13 1U 4EDSFF x4 Drive Cage Kit	1b	P96924-B21	$313	3	$939	
HPE Gen13 EDSFF BP 0.8m Pwr Y-Cbl Kit	1b	P96949-B21	$261	2	$522	
HPE MR416i-o Gen11 SPDM Storage Cntlr	1a	P47781-B21	$5,699	1	$5,699	
HPE Ball Bearing Rail 19 Kit	1b	P88040-B21	$247	1	$247	
HPE DL525G13 Standard Riser	1b	standardDL525 G13Riser	$0	1	$0	
			Subtotal		**$306,245**	**$0**
Other						
HP Series 5 Pro 23.8-inch FHD Monitor - 524da	3	B11W5AT	$164	3	$492	
HP 150 Wired Mouse and Keyboard	3	240J7AA	$18	3	$54	
			Subtotal		**$546**	**$0**
Software Components						
SQL Server 2025 Enterprise Edition (2 core license)	2	N/A	$15,123.00	32	$483,936	
Microsoft Problem Resolution Services	2	N/A	$259.00	1		$259.00
Windows Server 2025 Standard Edition (16 Core license)	2	N/A	$1,176.00	4	$4,704	
			Subtotal		$488,640	$259
			Total Extended Price		$2,490,399.00	$11,216
			Total Discounts		$1,711,568.00	$7,122.00
			Grand Total		**$778,830.97**	**$4,094.00**
			3 year cost of ownership USD:			**$782,925.00**
			QphH @ 3,000GB :			**3187043.5**
			$ USD/QphH @ 3,000GB			**$245.66**

Price Key: 1a,1b,1c - HPE, 2 – Microsoft, 3 – Hewlett Packard Inc.
Audited by Doug Johnson of InfoSizing (www.sizing.com)

All discounts are based on US list prices and for similar quantities and configurations. A 65% (Price Key 1a), 80% (Price Key 1b) and 90% (Price Key 1c) discount was based on the specific components pricing from vendor. Discounts for similar sized configurations will be similar to those quoted here but may vary based on the components in the configuration.

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.

Copyright © 2021 Hewlett Packard Enterprise. All rights reserved.

Numerical Quantities

Measurement Results

Database Scale Factor	**3,000**
Total Data Storage / Database Size	**8.94**
Percentage Memory / Database Size	**68.3%**
Start of Database Load	**2026-10-19 23:54:29**
End of Database Load	**2026-10-20 09:41:02**
Database Load Time	**00d 8h 42m 18s**
Query Streams for Throughput Test	**8**
TPC-H Power	**3,580,578.9**
TPC-H Throughput	**2,836,760.9**
TPC-H Composite Query-per-Hour (QphH@3,000GB)	**3,187,043.5**
Total System Price over 3 Years ($ USD)	**782,925.00**
TPC-H Price/Performance Metric ($ USD / kQphH@3,000GB)	**245.66**

Measurement Interval

Measurement Interval in Throughput Test	**670.06 seconds**

Duration of Stream Execution

Power Run	Seed	Query Start Time Query End Time	Total Time (hh:mm:ss)	RF1 Start Time RF1 End Time	RF2 Start Time RF2 End Time
	1020094102	2026-10-20 09:43:00 2026-10-20 09:44:30	00:01:30	2026-10-20 09:42:43 2026-10-20 09:43:00	2026-10-20 09:44:30 2026-10-20 09:44:50
Throughput Stream	**Seed**	**Query Start Time Query End Time**	**Total Time (hh:mm:ss)**	**RF1 Start Time RF1 End Time**	**RF2 Start Time RF2 End Time**
1	1020094103	2026-10-20 09:44:49 2026-10-20 09:55:44	00:10:55	2026-10-20 09:44:49 2026-10-20 09:45:17	2026-10-20 09:45:18 2026-10-20 09:45:45
2	1020094104	2026-10-20 09:44:49 2026-10-20 09:55:35	00:10:46	2026-10-20 09:45:46 2026-10-20 09:46:15	2026-10-20 09:46:15 2026-10-20 09:46:43
3	1020094105	2026-10-20 09:44:49 2026-10-20 09:55:42	00:10:53	2026-10-20 09:46:43 2026-10-20 09:47:10	2026-10-20 09:47:10 2026-10-20 09:47:48
4	1020094106	2026-10-20 09:44:49 2026-10-20 09:55:37	00:10:48	2026-10-20 09:47:48 2026-10-20 09:48:14	2026-10-20 09:48:14 2026-10-20 09:48:45
5	1020094107	2026-10-20 09:44:49 2026-10-20 09:56:00	00:11:11	2026-10-20 09:48:45 2026-10-20 09:49:12	2026-10-20 09:49:12 2026-10-20 09:49:50
6	1020094108	2026-10-20 09:44:49 2026-10-20 09:55:58	00:11:09	2026-10-20 09:49:50 2026-10-20 09:50:19	2026-10-20 09:50:19 2026-10-20 09:50:59
7	1020094109	2026-10-20 09:44:49 2026-10-20 09:55:44	00:10:55	2026-10-20 09:50:59 2026-10-20 09:51:29	2026-10-20 09:51:29 2026-10-20 09:52:11
8	1020094110	2026-10-20 09:44:49 2026-10-20 09:54:59	00:10:10	2026-10-20 09:52:11 2026-10-20 09:52:38	2026-10-20 09:52:38 2026-10-20 09:53:17

Copyright © 2021 Hewlett Packard Enterprise. All rights reserved.

TPC-H Timing Intervals (in seconds):

Query	Stream 0	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5	Stream 6	Stream 7	Stream 8	Min Qi	Avg. Qi	Max Qi
Q1	1.46	13.33	40.84	9.53	27.81	34.89	45.14	50.63	20.20	1.46	27.09	50.63
Q2	0.86	1.80	4.94	7.26	4.90	5.64	7.28	8.19	5.60	0.86	5.16	8.19
Q3	2.81	24.45	22.03	13.25	4.76	22.94	9.96	8.20	17.60	2.81	14.00	24.45
Q4	2.86	5.70	14.02	33.73	16.11	13.60	17.90	12.66	12.87	2.86	14.38	33.73
Q5	3.39	16.92	11.36	19.47	33.06	10.80	14.90	23.06	38.45	3.39	19.05	38.45
Q6	0.25	10.86	6.38	14.66	10.97	10.06	4.66	8.34	8.97	0.25	8.35	14.66
Q7	2.30	70.25	20.70	39.68	4.77	48.00	36.43	11.09	35.54	2.30	29.86	70.25
Q8	2.64	8.43	32.27	34.38	17.47	21.75	27.39	38.53	25.63	2.64	23.17	38.53
Q9	11.85	12.61	37.49	39.47	32.28	14.49	27.03	44.46	26.22	11.85	27.32	44.46
Q10	2.32	15.83	28.03	19.93	16.60	10.96	45.13	7.99	21.25	2.32	18.67	45.13
Q11	9.34	16.38	11.55	10.77	50.85	42.51	15.22	59.78	15.55	9.34	25.77	59.78
Q12	1.25	69.74	62.08	40.27	51.95	78.12	48.63	55.90	26.00	1.25	48.22	78.12
Q13	12.99	18.61	23.12	15.70	17.69	14.97	17.48	25.25	17.72	12.99	18.17	25.25
Q14	1.03	1.29	2.62	2.22	6.44	3.91	3.87	2.64	3.05	1.03	3.01	6.44
Q15	1.35	4.23	4.10	4.36	5.81	2.67	8.21	5.66	8.54	1.35	4.99	8.54
Q16	1.83	8.02	5.19	7.83	8.88	6.33	14.95	6.26	16.54	1.83	8.43	16.54
Q17	1.41	45.17	36.17	59.32	52.80	34.70	46.55	20.15	43.60	1.41	37.76	59.32
Q18	13.06	135.72	129.44	119.22	128.72	112.52	167.83	110.86	141.20	13.06	117.62	167.83
Q19	1.90	43.68	35.76	20.25	61.20	38.93	35.17	44.97	34.18	1.90	35.12	61.20
Q20	2.58	28.08	23.95	11.87	12.46	28.98	7.55	12.19	20.67	2.58	16.48	28.98
Q21	9.77	94.13	79.34	108.31	64.69	95.65	52.46	87.81	56.17	9.77	72.04	108.31
Q22	2.05	8.84	13.68	20.87	16.28	17.53	14.47	9.45	12.74	2.05	12.88	20.87
RF1	16.72	27.52	29.15	27.17	25.64	27.05	28.82	29.37	27.21	16.72	26.52	29.37
RF2	19.31	27.76	28.04	37.92	30.51	38.15	39.92	41.78	38.32	19.31	33.52	41.78

Copyright © 2021 Hewlett Packard Enterprise. All rights reserved.