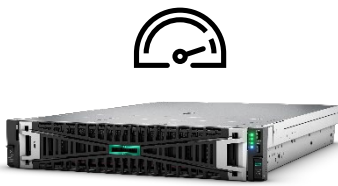


HPE ProLiant DL385 Gen11 attains 5 TPC-H benchmark world records for performance and price-performance

Overall performance leadership on decision support system workload and first score over 4 million QphH @ 10TB scale factor (non-clustered)



Key takeaways

HPE ProLiant DL385 Gen11 Server obtained the following with its latest results on the TPC-H@10,000GB (non-clustered) benchmark:

- **Five world records for TPC-H@10TB scale factor**
 - #1 overall world record performance
 - #1 2P performance
 - #1 2P price/performance
 - #1 performance on Microsoft Windows
 - #1 performance on Microsoft SQL Server
- **First ever result with above 4 million QphH@10TB scale factor** (server scored 4.03M QphH)
- **Excellent superiority deltas**
 - 48.4% more performance and 32.2% lesser price-performance with AMD EPYC 9575F processors compared to a similar Dell PowerEdge R7625 configuration with AMD EPYC 9554 processors

Executive summary

The HPE ProLiant DL385 Gen11 Server achieved five world records on the TPC benchmark H (TPC-H) decision support workload at the 10,000 GB scale factor (non-clustered). In addition, the server achieved the first result of over four million QphH. This result was achieved with 5th Generation AMD EPYC™ processors and Microsoft SQL Server 2025, topping its previous world record performance and price-performance results configured with Microsoft SQL Server 2022 and the same processors.

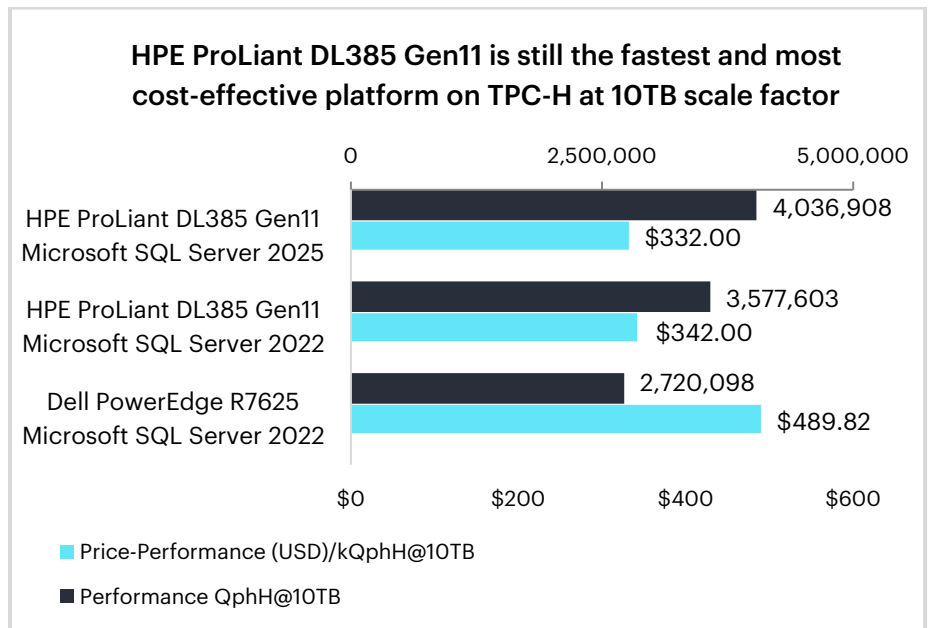


Figure 1. Top three non-clustered TPC-H @ 10000 GB results with 5th Generation AMD EPYC Processors showing performance (higher is better) and price-performance (lower is better/more cost-effective)

About the TPC-H benchmark

The TPC-H is a decision support benchmark consisting of a suite of business-oriented ad-hoc queries and concurrent data modifications selected for broad relevance. This benchmark models decision support systems examining large volumes of data and executing complex queries. The TPC believes that comparisons of results published with different scale factor and currencies are misleading and discourages such comparisons.

All results as of 11/18/2025.

Server configurations

HPE ProLiant DL385 Gen11

- 2 AMD EPYC 9575F @ 3.30 GHz processors (128 cores, 256 threads), 6144 GB RAM, Microsoft SQL Server 2025 Enterprise Edition 64-bit, Microsoft Windows Datacenter 2025 Edition, system available 05/22/2026
- Scores:
4,036,908 QphH@10,000 GB and \$332.00
USD/kQphH@10,000GB
- See tpc.org/3410

HPE ProLiant DL385 Gen11

- 2 AMD EPYC 9575F @ 3.30 GHz processors (128 cores, 256 threads), 3072 GB RAM, Microsoft SQL Server 2022 Enterprise Edition 64-bit, Microsoft Windows Datacenter 2025 Edition, system available 04/30/2025
- Scores:
3,577,603 QphH@10,000GB and \$342.00
USD/kQphH@10,000GB
- See tpc.org/3403

Dell PowerEdge R7625

- 2 AMD EPYC 9554 @ 3.30 GHz processors (128 cores, x256 threads), 6144 GB RAM, Microsoft SQL Server 2022 Enterprise Edition 64-bit, Microsoft Windows Server 2022 Standard Edition, system available 03/20/2024
- Scores:
2,720,098 QphH@10,000GB and \$489.82
USD/kQphH@10,000GB
- See tpc.org/3391

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HPE ProLiant DL385 Gen11 Server

The [HPE ProLiant DL385 Gen11 server](#) is an accelerator-optimized 2U 2P solution that delivers exceptional compute performance, upgraded high-speed data transfer rate, and memory depth. Powered by 5th and 4th Generation AMD EPYC Processors with up to 160 cores, the server offers increased memory speed (up to 6400 MT/s), high-speed PCIe Gen5 I/O, and Gen5 EDSFF storage. The newly designed chassis supports eight single-wide or four double wide GPUs. The server is an excellent choice for compute and data storage demanding workloads requiring increased core count and storage and I/O scalability.

Security

Hewlett Packard Enterprise delivers trusted security by design, with silicon root of trust from HPE, enabled by [HPE Integrated Lights-Out \(HPE iLO\)](#). Hardware-based security starts with HPE iLO, building on a proven 20-year history with new features that strengthen security. [HPE innovates supply chain security](#), provisioning servers with initial device identification to further enable a zero trust environment, which allows the cryptographic authentication of HPE servers and HPE iLO.

Bottom line

These performance benchmark records are proof points for the decision support performance capability of the HPE ProLiant DL385 Gen11 Server. HPE continues to be on the cutting edge by designing products that stand the test of time with innovations that are ahead of their time.

Learn more at

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