HPE ProLiant DL385 Gen11 achieves excellent 2P results on two-tier SAP SD Standard Application Benchmark

With AMD EPYC™ processors, HPE beats Dell PowerEdge R7625



Key takeaways

HPE ProLiant DL385 Gen11 2P Server with AMD EPYC 9655 possessors results on the two-tier SAP SD Standard Application Benchmark:

- Exceptional results by HPE
- Results: 149,460 SAP SD Benchmark users and 815,850 SAPS
- Over 5,000 more SAPS than the Dell PowerEdge R7625
- 1,460 more users than the Dell PowerEdge R7625 server

All results as of 11-29-2024.

Executive summary

The HPE ProLiant DL385 Gen11 server with AMD EPYC™ 9655 processors accomplished 2P leadership performance on the two-tier SAP® Sales and Distribution (SD) Standard Application Benchmark, defeating the Dell PowerEdge R7625 server performance result.

The higher result proves to customers that the HPE ProLiant DL385 Gen11 has exceptional compute performance capable of increasing efficiency and productivity, improved performance, and better flexibility.

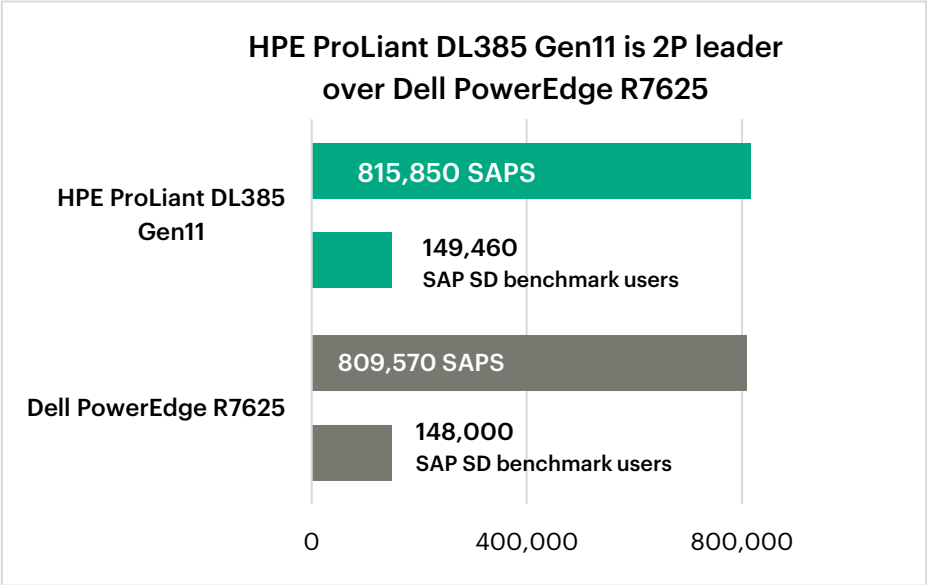


Figure 1. Comparison of HPE ProLiant DL385 Gen11 and Dell PowerEdge R7625 results on the two-tier SAP SD Standard Application benchmark

About the benchmark

The SAP SD standard application benchmark is an Enterprise Resource Planning (ERP) benchmark that tests online order and invoice transaction processing (OLTP.

Server configurations

HPE ProLiant DL385 Gen11 configuration

- 2 AMD EPYC 9655 Processors @ 2.6 GHz
- 3072 GB memory
- 96 cores/192 threads per processor
- SUSE Linux Enterprise Server 15
- SAP ASE 16
- SAP enhancement package 5 for SAP ERP 6.0

Results

- 149,460 SAP SD Benchmark users and 815,850 SAPS
- Certification # 2022079

Dell PowerEdge R7625 configuration

- 2 AMD EPYC 9654 Processors @ 2.4 GHz
- 3072 GB memory
- 192 cores/384 threads per processor
- Red Hat Enterprise Linux 8.6
- SAP ASE 16
- SAP enhancement package 5 for SAP ERP 6.0

Results

- 148,000 SAP SD Benchmark users and 809,570 seconds SAPS
- Certification # 2022029

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Customer value with Hewlett Packard Enterprise

HPE ProLiant DL385 Gen11 Server. HPE ProLiant completes your hybrid environment wherever it lives—datacenter, cloud, edge—combining a cloud operating experience and built-in security, while driving next-gen performance with the engineering leadership to power insights, innovation, and competitive advantage to drive businesses forward.

HPE iLO 6 with Security Protocol and Data Module (SPDM) is now integrated into every HPE ProLiant Gen11 server. With HPE iLO 6, you can securely configure, monitor, and update HPE ProLiant Gen11 servers from anywhere. It provides built-in security, as well.

The HPE ProLiant DL385 Gen11 server is a 2U 2P solution that delivers exceptional compute performance, upgraded high-speed data transfer rate, and memory depth at 2P compute capability.

Powered by 4th and 5th Generation AMD EPYC™ 9004 and 9005 Series Processors with up to 160 cores, increased memory bandwidth and capacity, high-speed PCIe Gen5 I/O, enhanced GPU support, and EDSFF storage, the HPE ProLiant DL385 Gen11 server is a superb accelerator-optimized solution.

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

This benchmark performance record is another proof point for the leadership 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. Achieving a higher performance result with more SAPS demonstrates the ability of the HPE ProLiant DL385 Gen11 to sustain a greater throughput in a mixed workload cloud environment.

Learn more at

HPE ProLiant DL385 Gen11

HPE Server performance briefs

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