

HPE PROLIANT DL380 GEN10 SERVER AND HPE SYNERGY 660 GEN10 COMPUTE MODULE RELEASE EXCELLENT RESULTS ON TWO-TIER SAP® SALES AND DISTRIBUTION (SD) STANDARD APPLICATION BENCHMARK

Balance of performance and security mitigations on Intel® Xeon® Platinum 8200 Series



Key takeaways



- Excellent SAP OLTP ERP proof points for 2P and 4P HPE platforms
- Intel processor security mitigation patches applied

Configurations

HPE ProLiant DL380 Gen10 server with Intel Xeon Platinum 8280L @ 2.70 GHz processors; 2 sockets/56 cores/112 threads; Microsoft Windows Server 2016 Datacenter Edition; Microsoft SQL Server 2012; SAP enhancement package 5 for SAP ERP 6.0; 768 GB HPE DDR4 SmartMemory at 2933 MT/s; Spectre and Meltdown security mitigation patches applied; Certification # [2019017](#)

HPE Synergy 660 Gen10 Compute Module with Intel Xeon Platinum 8280M 2.70 GHz, 4 processors/112 cores/224 threads; Microsoft Windows Server 2016 Datacenter Edition, SQL Server 2012, SAP enhancement package 5 for SAP ERP 6.0; 1.5 TB RAM at 2666 MT/s; Spectre and Meltdown security mitigation patches applied; Certification # [2019018](#)

The as-of date is April 2, 2019. See [SAP benchmarks](#) for further details.

EXECUTIVE SUMMARY

The HPE ProLiant DL380 Gen10 Server and HPE Synergy 660 Gen10 Compute Module published excellent results on the two-tier SAP® Sales and Distribution (SD) standard application benchmark. The servers were configured with the new second generation Intel® Xeon® Platinum 8200 series processors. To simulate performance backed by optimal processor security, the Spectre and Meltdown mitigation patches were applied. The results of the tests highlight proof points for protected two- and four-processor HPE platforms in SAP OLTP traditional ERP environments.

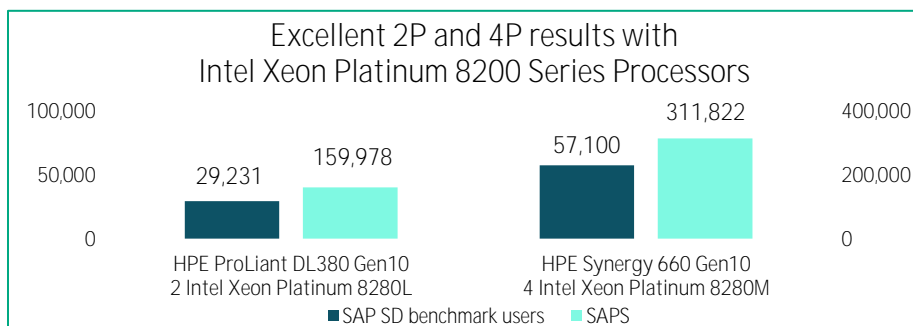


FIGURE 1. Results of the HPE ProLiant DL380 Gen10 Server and HPE Synergy 660 Gen10 Compute Module with Intel Xeon Platinum 8200 Series Processors on the two-tier SAP SD standard application benchmark.

CUSTOMER VALUE WITH HPE

HPE ProLiant DL380 Gen10, the industry's most trusted compute platform, delivers world-class performance with the right balance of expandability and scalability in a 2U/2P form factor.

HPE Synergy 660 Gen10, a full-height, four-socket compute module, is ideal for demanding, enterprise data-intensive workloads such as structured databases and business processing applications. HPE Synergy is the first platform in the industry architected for composable infrastructure.

HPE Gen10 servers bring relevant and differentiating Innovations, delivering the World's Most Secure Industry Standard Servers¹ for software-defined compute and converged infrastructure to run diverse workloads and applications across traditional and multi-cloud environments.

¹ Based on external firm conducting cybersecurity penetration testing of a range of server products from a range of manufacturers, May 2017.

HEWLETT-PACKARD ENTERPRISE AND SAP STRATEGIC ALLIANCE

HPE and SAP partner to deliver simplified solutions targeting real-world technology and business challenges. With dedicated people, a complete portfolio of SAP-optimized services and solutions, committed co-innovation, and a proven business model, HPE and SAP propel organizations further, faster.

BOTTOM LINE

Performance benchmark results are indicators of the transformative power of HPE servers. HPE partnerships go the extra mile to fast-forward customer success.

LEARN MORE AT

[HPE Server benchmarks](#)

[HPE ProLiant DL380 Gen10 Server Documents](#)

[HPE Synergy 660 Gen10 Compute Module Documents](#)

[HPE Marketing Documents Library](#)

Make the right purchase decision.
Contact our presales specialists.



Chat



Email



Call



Share now



Get updates


**Hewlett Packard
Enterprise**

© Copyright 2019-2020 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Intel Xeon is a trademark of Intel Corporation in the U.S. and other countries. Microsoft, Windows, and Windows Server are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. SAP and SAP HANA are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. See sap.com/corporate/en/legal/trademark.html for additional trademark information and notices. All third-party marks are property of their respective owners.

a00069726enw, July 2020, Rev. 1