

HPE ProLiant DL380 Gen9 Server, Microsoft SQL 2016 achieve excellent TPC-H performance results over SQL 14

Up to 39% performance improvement over results using new MS SQL 2016 on the TPC-H @ 1000 GB benchmark

Executive Summary

The HPE ProLiant DL380 Gen9 Server delivers the best performance and expandability in the HPE 2P rack portfolio.¹ Its latest benchmark result, TPC-H @ 1000 GB, is yet another proof point that the ProLiant DL380 Gen9 delivers faster business results, thus, quicker returns on customers' investments.

With 543,102 QphH and \$0.69/QphH results and running Microsoft SQL 2016, the ProLiant DL380 Gen9 achieved a 39% performance scalability gain and 28% better price/performance when compared to the similarly configured ProLiant DL380 Gen9 running Microsoft SQL 2014.

Microsoft SQL Server 2016²

As the biggest leap forward in Microsoft's data platform history, Microsoft SQL Server 2016 delivers breakthrough mission-critical performance, deeper insights across any data on many devices, and enables the power of hyperscale cloud to unlock new hybrid scenarios.³

Key takeaways

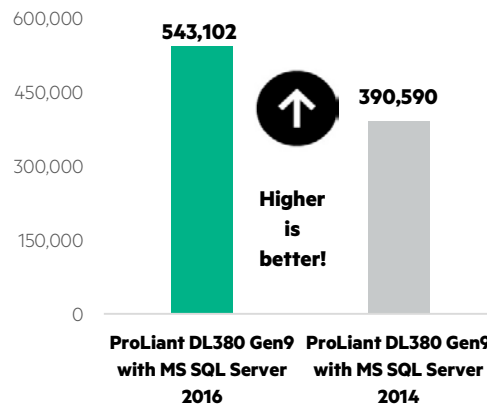
- **Significant performance scalability increase using Microsoft SQL Server 2016**
- **39% increase in performance**
- **28% better price/performance**
- **HPE ProLiant DL380 Gen9 Server performance:** Reliability, serviceability, and near-continuous availability, backed by a comprehensive warranty, make the ProLiant DL380 Gen9 ideal for any environment. The server is purpose-built for flexibility, efficiency, and manageability. With the HPE ProLiant DL380 Gen9, customers can deploy a single platform to handle a wide variety of enterprise workloads.



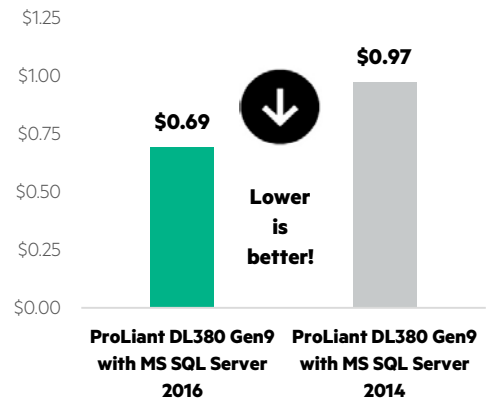
Configurations

- **HPE ProLiant DL380 Gen9 with Microsoft SQL Server 2016:** 543,102 QphH and \$0.69 USD/QphH @ 1000 GB; 2 processors/ 36 cores/ 72 threads; Intel Xeon E5-2699 v3 processors 2.30 GHz, 768 GB RAM. Microsoft Windows Server 2012 R2 Standard Edition, tpc.org/3318
- **HPE ProLiant DL380 Gen9 with Microsoft SQL 2014:** 390,590 QphH and \$0.97 USD/QphH @ 1000 GB; 2 processors/ 36 cores/ 72 threads; Intel Xeon E5-2699 v3 processors 2.30 GHz, 768 GB RAM, tpc.org/3303

39% greater performance QphH @ 1000 GB



28% better price/performance \$/QphH @ 1000 GB



Customer value with HPE and Microsoft

HPE and Microsoft leverage their depth of expertise developed over three decades of partnership to create solutions that deliver next-generation performance requirements. Their solutions are designed to deliver a cost-effective, simplified, and open platform for mission critical data management requirements. Together HPE and Microsoft take familiar platforms customers know and own - from mobile devices and desktops to data center and cloud - and build integrated solutions; services, and support that help amplify the speed and effectiveness of the business, grow a competitive edge, and deliver tangible business results.

For more information:

HPE Server benchmarks: hpe.com/servers/benchmarks
HPE ProLiant DL380 Gen9 Server: hpe.com/servers/dl380

¹ Q3 2015 IDC Server Tracker

² Microsoft SQL Server 2016 Enterprise Edition will be available to order on March 10, 2016, and generally available by July 31, 2016.

³ Microsoft.com - Microsoft SQL Server datasheet