

35 new world records for performance and energy efficiency with HPE ProLiant Gen11 compute



HPE ProLiant Gen11 servers are engineered for your hybrid world to deliver an intuitive cloud operating experience, trusted security by design, and optimized performance for any workload. Accelerate insights and innovation across virtualization, business apps, data analytics, graphic-intensive apps, and more.



Energy efficiency

Six tower server energy efficiency world records for Windows, Linux®, 1P, and 2P¹



Virtualization

World record for **2P** 2-node virtualized data center performance²

World record for **256** total cores on VMware® VMmark®³

World record for **448** total cores on VMware VMmark⁴

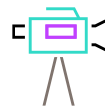


Data management

World record 2P Windows performance for Enterprise Resource Planning (ERP) OLTP⁵

World record for Decision Support System (DSS) running Microsoft SQL Server 2022 Enterprise Edition⁶

World's best DSS performance and price/performance; running Microsoft SQL Server 2022 Enterprise Edition⁷



Java and video rendering

World records for 1P server-side Java performance⁸

World record for video rendering (CPU based) on 1P and 2P, up to 2x higher performance vs. previous record holder⁹

Learn more at

Get the performance you demand to accelerate any workload with HPE ProLiant Gen11—from the data center to the edge hpe.com/proliant

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² The competitive benchmark claim is based on having the best 2P 2-node result on the VMware VMmark 3.1.1 benchmark, with a score of 40.19 @ 44 tiles. Results as of November 10, 2022. VMmark disclosures are available at vmware.com/products/vmmark/results3x.html.

³ The competitive benchmark claim is based on having the best result with 256 total cores on the VMware VMmark 3.1.1 benchmark, with a score of 40.83 @ 42 tiles. Results as of January 10, 2023. VMmark disclosures are available at vmware.com/products/vmmark/results3x.html.

⁴ The competitive benchmark claim is based on having the best result with 448 total cores on the VMware VMmark 3.1.1 benchmark, with a score of 40.83 @ 42 tiles. Results as of January 10, 2023. VMmark disclosures are available at vmware.com/products/vmmark/results3x.html.

⁵ Two-tier SAP® Sales and Distribution (SD) Standard Application Benchmark: HPE ProLiant DL385 Gen11 server—2 processors / 192 cores / 384 threads; AMD EPYC™ 9654 @ 2.4 GHz processors; 1.5 TB memory; Microsoft Windows Server 2022 Datacenter Edition; Microsoft SQL Server 2022 Enterprise Edition. SAP enhancement package 5 for SAP ERP 6.0. Results: 104,000 SAP SD users, 574,020 SAPS. All results valid as of November 10, 2022. Certification #2022027.

⁶ TPC Benchmark™ H (TPC-H) performance as of November 10, 2022. See tpc.org for details. Claim based on having the #1 performance for a nonclustered system on the TPC-H @ 3000 GB scale factor. Configuration: 1 HPE ProLiant DL385 Gen11 server used 2 AMD EPYC 9554 3.1 GHz processors; 2 socket / 128 cores / 256 threads; Microsoft Windows Server 2022 Datacenter Edition; Microsoft SQL Server 2022 Enterprise Edition. TPC-H results show the HPE ProLiant DL385 Gen11 with a result of 2,405,162.5 QphH @ 3000 GB and \$490.02 USD/kQphH @ 3000 GB; system availability April 3, 2023; see tpc.org/3385 for details.

⁷ TPC-H performance as of November 10, 2022. See tpc.org for details. Claim based on having the #1 performance and price performance for a nonclustered system on the TPC-H @ 1000 GB scale factor. Configuration: 1 HPE ProLiant DL385 Gen11 server used 2 AMD EPYC 9174F 4.1 GHz processors; 2 socket / 32 cores / 64 threads; Microsoft Windows Server 2022 Datacenter Edition; Microsoft SQL Server 2022 Enterprise Edition. TPC-H results show the HPE ProLiant DL385 Gen11 with a result of 1,156,627.9 QphH @ 1000 GB and \$265.09 USD/kQphH @ 1000 GB; system availability December 5, 2022; see tpc.org/3386 for details.

⁸ SPEC and the name SPECjbb are registered trademarks of the Standard Performance Evaluation Corporation (SPEC). The stated results are published as of November 10, 2022; see spec.org. All rights reserved.

⁹ *Breakthrough V-Ray Benchmark speed record set by 4th Gen AMD EPYC™ CPUs; Chaos blog, November 2022.