

HPE ProLiant Gen11 AMD-based servers hold five energy efficiency records on SPECpower_ssj® 2008



Key takeaways

HPE ProLiant DL325 Gen11 result of 27,270 overall ssj_ops/watt:

- Best 1 CPU, 1U, Linux score
- 5.1% more efficient than next competitor result

HPE ProLiant DL345 Gen11 result of 27,270 overall ssj_ops/watt:

- Best 1 CPU, 2U, Linux score
- 6.1% more efficient than next competitor result

HPE ProLiant DL365 Gen11 result of 28,598 overall ssj_ops/watt:

- Best overall 1U score
- 8.8% more efficient than next competitor result
- Best 2 CPU, 1U, Linux score
- 13.2% more efficient than next competitor result

HPE ProLiant DL365 Gen11 result of 26,371 overall ssj_ops/watt:

- Best 2 CPU, 1U, Windows score
- 1.5% more efficient than next competitor result

About the SPECpower_ssj 2008 benchmark

SPECpower_ssj 2008 is the first industry-standard SPEC benchmark that evaluates the power and performance characteristics of server class computers.

HPE ProLiant Gen11 servers and 4th Gen AMD EPYC™ processors deliver proof points for sustainable IT

Executive summary

On the SPECpower_ssj 2008 benchmark, three HPE ProLiant Gen11 servers with 4th Gen AMD EPYC™ processors showed excellent server efficiency on the June 2023 AMD leader board.¹ Compared to competitors, HPE ProLiant Gen11 AMD-based rack servers came out on top in multiple competitive claims categories based on form factor, CPU count, and operating system.

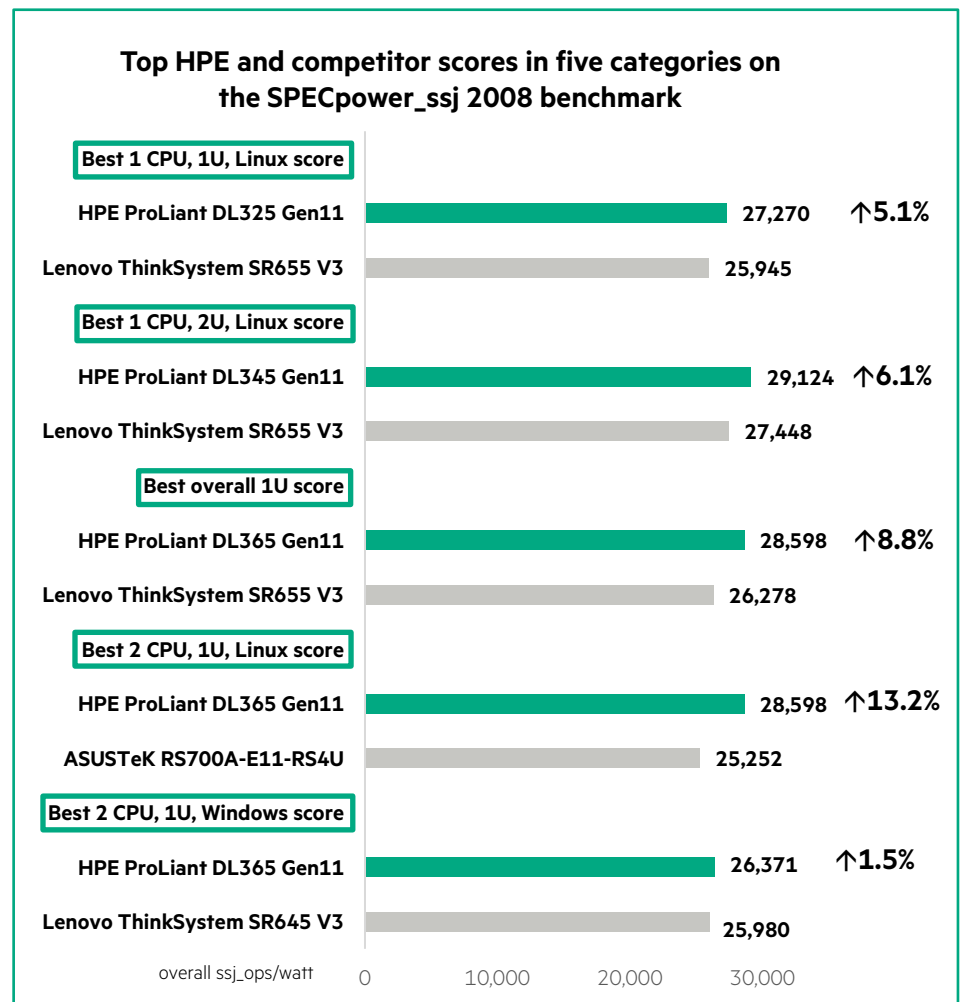


Figure 1. HPE and next competitor results in five categories of energy efficiency records

¹ amd.com/en/processors/epyc-world-records



HPE ProLiant DL325 Gen11



HPE ProLiant DL345 Gen11



HPE ProLiant DL365 Gen11

Customer value with HPE

ProLiant Gen11 servers. HPE ProLiant completes the hybrid environment wherever it lives—datacenter, colo, 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 your business forward. **HPE GreenLake offers an intuitive cloud operating experience.** HPE ProLiant Gen11 servers are the World's Most Secure Industry Standard Servers. With [HPE ProLiant solutions](#), customers get the performance they need.

HPE ProLiant DL325 Gen11. This 1P 1U server delivers exceptional value, balancing compute, memory, and network bandwidth at 1P economics and is ideal for virtualized workloads.

HPE ProLiant DL345 Gen11. This scalable 1P 2U server delivers exceptional compute performance and large-capacity storage options at 1P economics and is purpose-built for data-intensive workloads.

HPE ProLiant DL365 Gen11. This 2P 1U server is a scalable, compute-dense solution for high-performance workloads such as VDI, EDA, CAD, and Virtualization.

HPE and AMD

HPE has doubled its number of rack server models supporting AMD EPYC™ processors, providing solutions for a wide range of customer deployment needs. HPE ProLiant Gen11 servers with AMD EPYC processors offer customers a choice of workloads and form factors. The [HPE and AMD partnership](#) delivers the flexibility, security features, and performance to meet customers' specific requirements.

Bottom line

These benchmark energy efficiency records are proof points for the leadership capability of HPE ProLiant Gen11 AMD-based servers across a variety of form factors and configurations. 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

[HPE ProLiant DL325 Gen11 Documents](#)

[HPE ProLiant DL345 Gen11 Documents](#)

[HPE ProLiant DL365 Gen11 Documents](#)

[HPE server performance briefs](#)

[HPE ProLiant](#)

[Buy now](#)

Make the right purchase decision.
Contact our presales specialists.



Chat now (sales)



Call now



Get updates

Explore **HPE GreenLake**

© Copyright 2023 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.

AMD and EPYC are trademarks of Advanced Micro Devices, Inc. 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. Linux is the registered trademark of Linus Torvalds in the U.S. and other countries. SPEC and the name SPECpower_ssj are registered trademarks of the Standard Performance Evaluation Corporation (SPEC). The stated results are published as of 06-13-2023; see [spec.org](#). All rights reserved. All third-party marks are property of their respective owners.

a50009142enw