

HPE ProLiant Takes 1P/2P/4P Energy-Efficiency Leadership SWEEP on Linux on the SPECpower_ssj2008 Benchmark

ProLiant DL Gen10 rack servers achieve world records



Key takeaways

- HPE ProLiant DL rack servers hold world records for 1P, 2P, and 4P in energy efficiency on Linux-based servers.
- The HPE ProLiant DL360 Gen10 is the World's MOST energy-efficient 1P and 2P Linux-based server.
- The HPE ProLiant DL360 Gen10 is also the World's MOST energy-efficient 1U server.
- The HPE ProLiant DL560 Gen10 is the World's MOST energy-efficient 4P Linux-based server.
- The results are proof points of the HPE tradition of excellent performance engineering.

Executive summary

The [HPE ProLiant DL360 Gen10](#) and [ProLiant DL560 Gen10](#) servers topped all energy-efficiency Linux solutions with their latest results on the SPECpower_ssj2008 benchmark. Both servers were configured with SUSE Linux Enterprise Server 12 operating system. In addition, the ProLiant DL360 Gen10 was the #1 1U result on Linux.

These results are proof points that HPE provides its customers with a broad portfolio of energy-efficient optimized solutions. HPE ProLiant DL Gen10 servers now claim energy-efficiency world leadership for the 1P, 2P, and 4P Linux server markets.

HPE superiority for 1P, 2P, and 4P servers on Linux!

1P

HPE ProLiant DL360 Gen10
11,709 overall ssj_ops/watt

2P

HPE ProLiant DL360 Gen10
11,126 overall ssj_ops/watt

4P

HPE ProLiant DL560 Gen10
11,463 overall ssj_ops/watt



HPE ProLiant DL Gen10 servers deliver energy-efficiency like no other

HPE ProLiant DL360 Gen10 server provides security, agility, and flexibility without compromise. It also supports the Intel® Xeon® Scalable processor. With the added performance that 12 NVDIMMs and 10 NVMe bring, the HPE ProLiant DL360 Gen10 means business.

HPE ProLiant DL560 Gen10 server is a high-density, 4P server with high-performance, scalability, and reliability, in a 2U chassis. Supporting the Intel® Xeon® Scalable processors, the HPE ProLiant DL560 Gen10 server offers greater processing power than its predecessor and up to 6 TB of faster memory, and I/O of up to eight PCIe 3.0 slots.

About the SPECpower_ssj2008 benchmark

The SPECpower_ssj® 2008 benchmark is the first industry-standard benchmark that evaluates the power and performance characteristics of single server and multi-node servers. It is used to compare power and performance among different servers and serves as a toolset for use in improving server efficiency.

Source: spec.org/power_ssj2008/

For more information:

HPE Server benchmarks

hpe.com/servers/benchmarks

HPE ProLiant DL360 Gen10

hpe.com/servers/dl360-gen10

HPE ProLiant DL560 Gen10

hpe.com/servers/dl560-gen10

