ThinkSystem SR860 V4 Sets 2 World Records with New SPECPower2008 on Linux Benchmark Result

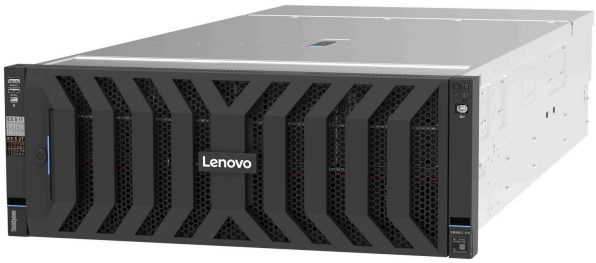
Performance Benchmark Result

Lenovo has published a new SPECpower_ssj 2008 benchmark result that has set two new world records. The result has been achieved on the powerful Lenovo ThinkSystem SR860 V4 server using the new Intel Xeon 6788P.

The world-record benchmark result is:

- Best score on a 4-processor, 4U rack system
- Best score on a 4-processor, 4U rack system running Linux Server

The SPECpower_ssj 2008 benchmark is an industry-standard benchmark that evaluates the power and performance characteristics of single servers and multi-node servers.



The ThinkSystem SR860 V4 server achieved the following score :

- **SPECpower_ssj2008 = 22,331 overall ssj_ops/watt**

The SR860 V4 was configured as follows:

- 4 x Intel Xeon 6788P 2.0 GHz (86-Core, 2.0GHz, 336MB L3 Cache)
- 1024 GB of DDR5 memory
- 1x 480GB NVMe M.2 SSD
- SUSE Linux Enterprise Server 15 SP7
- Oracle Java HotSpot(TM) 64-Bit Server VM (build 17.0.10+11-LTS-240, mixed mode, sharing), version 17.0.10

Results referenced are current as of September 26, 2025.

This benchmark result can be found at the following web page:
https://www.spec.org/power_ssj2008/results/res2025q3/power_ssj2008-20250908-01538.html

To view all SPECpower_ssj 2008 results, see the following page:
https://www.spec.org/power_ssj2008/results/

About the ThinkSystem SR860 V4

The Lenovo ThinkSystem SR860 V4 is an ideal 4-socket 4U rack server for customers that need industry-leading reliability, management, and security, as well as maximizing performance and flexibility for future growth. The server offers technology advances, including Intel® Xeon® 6700-Series processors, up to 16 TB of 6400 MHz DDR5 memory, and up to 18x PCIe slots for adapters.
With four Intel® Xeon® 6700-Series processors, massive memory capacity and available expansion for up to four enterprise-class GPUs and up to 56 drives, the Lenovo ThinkSystem SR860 V4 is designed to be the scalable, performance-tuned engine that can tackle compute-intensive applications like visualization, machine learning, artificial intelligence, analytics, and 3D modeling. Add to that an optional Neptune™ Core liquid cooling module to enable even higher sustained performance, and the ThinkSystem SR860 V4 stands out as an enterprise-class system, delivering performance and efficiency without compromise. See more information at https://lenovsopress.lenovo.com/datasheet/ds0197-thinksystem-sr860-v4

About SPECpower

The SPEC Power benchmark suite measures the power and performance characteristics of server-class computer equipment. It is used to compare power and performance among different servers and serves as a toolset for use in improving server efficiency. This benchmark is targeted for use by hardware vendors, IT industry, computer manufacturers, and governments.

Learn more

To learn more about power-efficient solutions for compute-intensive applications, please contact your Lenovo Sales Representative.

To find out more about SPEC, visit https://www.spec.org

To learn more about the Lenovo ThinkSystem SR860 V4 server, visit the SR860 V4 product web page: https://www.lenovo.com/us/en/p/servers-storage/servers/large-memory/lenovo-thinksystem-sr860-v4/len21ts0045?orgRef=https%253A%252F%252Flenovopress.lenovo.com%252F

Related product families

Product families related to this document are the following:

- 4-Socket Rack Servers
- SPECpower Benchmark Results
- ThinkSystem SR860 V4 Server

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