



Key takeaways

- HPE Synergy 660 Gen10 holds six world records on the SPECpower_ssj2008 benchmark
- HPE Synergy 660 Gen10 is the first 4P multi-node with over 11,000 overall ssj_ops/watt
- HPE Synergy 660 Gen10 and HPE Synergy 480 Gen10 are the only systems with SPECpower_ssj2008 results published with the Meltdown and Spectre security patches, variants #1 and #2.

HPE Synergy 660 Gen10 Compute Module

The HPE Synergy 660 Gen10 Compute Module is a four-socket, 10U full-height platform supporting up to 6 TB of HPE DDR4 SmartMemory and flexible I/O configuration. The HPE Synergy 660 Gen10 is ideal for demanding, enterprise data-intensive workloads such as structured databases and business processing applications.

For more information:

HPE Server benchmarks:
hpe.com/servers/benchmarks

HPE Synergy 660 Gen10:
hpe.com/go/synergy

¹ HPE Synergy 660 Gen10 result:
spec.org/power_ssj2008/results/res2018q2/power_ssj2008-20180410-00810.html

² Based on external firm conducting cybersecurity penetration testing of a range of server products from a range of manufacturers, May 2017.

³ The Forrester Report: The Software-Defined Data Center Comes of Age, October 30, 2017, hpe.com/us/en/resources/storage/sddc-age-forrester.html?parentPage=/us/en/solutions/software-defined

HPE Synergy 660 Gen10 Compute Module Holds Six World Records for Server Efficiency

#1 wins on the SPECpower_ssj2008 benchmark

Executive summary

The HPE Synergy 660 Gen10 Compute Module configured with four Intel® Xeon® Platinum 8180 processors achieved multiple records for energy efficiency on the SPEC power_ssj2008 benchmark with a score of 11,021 overall ssj_ops/watt.¹ In addition, the HPE Synergy 660 Gen10 was the first 6-node system to beat the 11,000 barrier.

6 WORLD RECORDS!

HPE Synergy 660 Gen10: SIX SERVER EFFICIENCY WORLD RECORDS on the SPECpower_ssj2008 benchmark

#1 composable infrastructure

#1 multi-node composable infrastructure

#1 4P multi-node

#1 6-node

#1 multi-node with Intel Xeon Platinum 8180 processors

#1 10U solution



Customer value with Hewlett Packard Enterprise

HPE Gen10 servers bring relevant and differentiating Innovations, delivering the World's Most Secure Industry Standard Servers² for software-defined compute and converged infrastructure to run diverse workloads and applications across traditional and multi-cloud environments.

HPE Synergy is the first platform in the industry architected for composable infrastructure. HPE Synergy is future-proof by design for the best TCO, with non-volatile memory, new compute memory, and photonics-readiness. According to Forrester, "only one current product legitimately meets Forrester's definition of a local CIS (Composable Infrastructure System) — HPE's Synergy."³ HPE Synergy positions customers to move forward faster, maximizing ROI and accelerating success.

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