Hewlett Packard Enterprise

Performance brief
September 2018

HPE Synergy 480 and 660 Gen10 Hold MULTIPLE Server-Efficiency World Records on the SPECpower_ssj2008 Benchmark

27 world records for HPE Synergy Composable Infrastructure

Key takeaways

- **HPE Synergy 480 Gen10 holds 14 world records on the SPECpower_ssj2008 benchmark.**
- **HPE Synergy 660 Gen10 holds 13 world records on the SPECpower_ssj2008 benchmark.**

HPE Synergy 480 and 660 Gen10 Compute Modules

The HPE Synergy 480 Gen10 delivers superior capacity, efficiency, and flexibility in a two-socket, half-height form factor to support demanding workloads.

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 480 and 660 Gen10:
hpe.com/go/synergy

Executive summary

The HPE Synergy 480 Gen10 Compute Module and HPE Synergy 660 Gen10 Compute Module now hold a total of 27 world records for server efficiency on the SPECpower_ssj2008 benchmark.

HPE Synergy Gen10: 27 server-efficiency WORLD RECORDS

HPE Synergy 480 Gen10		HPE Synergy 660 Gen10	
#1 2P 5-node	#1 7-node	#1 4P 2-node	#1 2-node
#1 2P 6-node	#1 8-node	#1 4P 3-node	#1 3-node
#1 2P 7-node	#1 9-node	#1 4P 4-node	#1 5-node
#1 2P 8-node	#1 10-node	#1 4P 5-node	#1 6-node
#1 2P 9-node	#1 11-node	#1 4P 6-node	#1 multi-node with Intel® Xeon® Platinum 8180 processors
#1 2P 10-node	#1 12-node	#1 4P multi-node	#1 multi-node Composable Infrastructure
#1 2P 11-node			#1 Composable Infrastructure
#1 2P 12-node			

Customer value with Hewlett Packard Enterprise and Synergy

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."[1] HPE Synergy positions customers to move forward faster, maximizing ROI and accelerating success.

HPE Gen10 servers deliver the World's Most Secure Industry Standard Servers[2] for software-defined compute and converged infrastructure to run diverse workloads and applications across traditional and multi-cloud environments.

[1] 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

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

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