HPE Synergy 480 Gen10 Compute Module Holds FOUR World Records for Server Efficiency

#1 wins on the SPECpower_ssj2008 benchmark

Executive summary

Showing its energy-efficiency dynamism, the HPE Synergy 480 Gen10 Compute Module took several performance wins on the SPECpower_ssj2008 benchmark with a result of 10,872 overall ssj_ops/watt. Configured with two Intel® Xeon® Platinum 8180 processors @ 2.50 GHz, the HPE Synergy 480 Gen10 is the only system with a result published with the Meltdown and Spectre security patches, variants #1 and #2. In addition, the HPE Synergy 480 Gen10 was the first 12-node system to beat the 10,000 barrier.

4 WORLD RECORDS!

HPE Synergy 480 Gen10 Compute Module server efficiency on the SPECpower_ssj2008 benchmark

#1 Composable Infrastructure

#1 2P solution on 12-nodes

#1 Multi-node with 8180 processors

#1 10U solution

Customer value with Hewlett Packard Enterprise Gen10

HPE Gen10 servers bring relevant and differentiating innovations, delivering the World's Most Secure Industry Standard Servers1 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."2 HPE Synergy positions customers to move forward faster, maximizing ROI and accelerating success.

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

1 Based on external firm conducting cybersecurity penetration testing of a range of server products from a range of manufacturers, May 2017.
3 HPE Synergy 480 Gen10 result: spec.org/power_ssj2008/results/res2018q2/power_ssj2008-20180410-00809.html

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