



**HPE ProLiant DL385
Gen10 Server**



Key takeaways

- World's MOST energy-efficient AMD-based server
- With a highly efficient AMD EPYC 7601 processor, the HPE ProLiant DL385 Gen10 becomes the first AMD server to break the 11,000 SPECpower_ssj2008 barrier
- HPE ProLiant DL385 Gen10 has a 2.5X increase in energy efficiency compared to its previous generation
- 43% lower price/energy efficiency than the Dell PowerEdge R740xd with similar energy-efficiency performance

HPE ProLiant DL385 Gen10

The HPE ProLiant DL385 Gen10 Server is THE new formula for server virtualization. The server redefines price/energy efficiency with the new math for virtualized compute. This 2P/2U server has been designed with flexibility while delivering a high maximum core count and large memory footprint as well as energy efficiency. Customers choose this purpose-built platform for virtualization.

For more information:

HPE Server benchmarks:
hpe.com/servers/benchmarks
HPE ProLiant DL385 Gen10:
hpe.com/servers/dl385-gen10

HPE ProLiant DL385 Gen10 Claims World Record for the MOST Energy-Efficient AMD-Based Server

HPE beats every other AMD server with up to 2.5X more energy efficiency

Executive summary

The award-winning [HPE ProLiant DL385 Gen10](#) took several energy-efficiency performance wins on the SPECpower_ssj2008 benchmark. Configured with two AMD EPYC 7601 processors, the server took the world record for energy efficiency among all AMD servers.

With its result of 11,044 of overall ssj_ops/watts, the HPE ProLiant DL385 Gen10 was the first AMD-based server to break the 11,000 SPECpower_ssj2008 barrier. The 2P server also showed great scalability for energy efficiency with a 2.5X increase in performance/watt when compared to its previous generation.

Figure 1. Top AMD-based server compared to its previous generation.

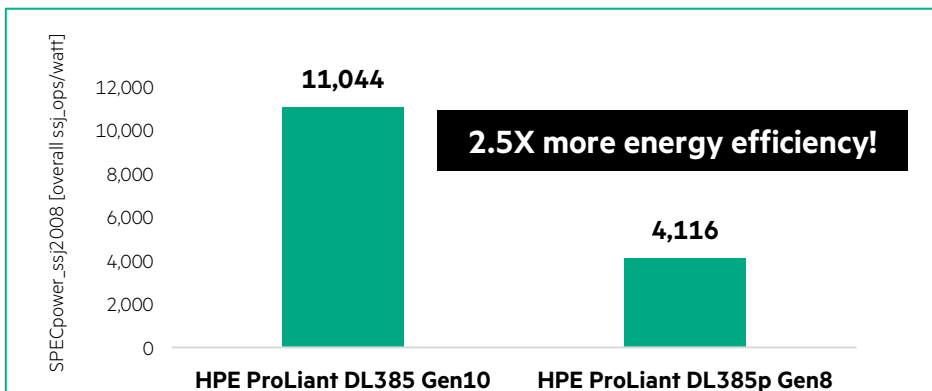
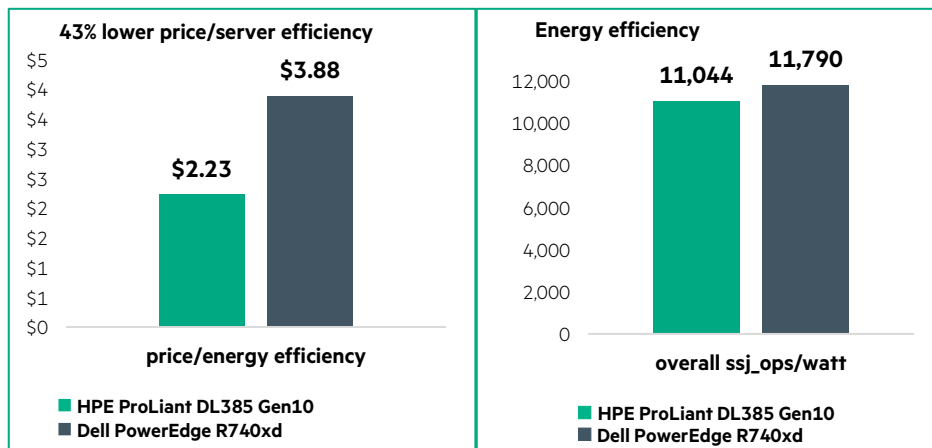


Figure 2. The ProLiant DL385 Gen10 shows a LOWER price for energy efficiency than its competitor, the Dell EMC PowerEdge 740xd.*

Similar performance/watt at a lower price!



*Pricing from hpe.com and dell.com as of 4-27-18.

For more details, see:

HPE ProLiant DL385 Gen10 result: spec.org/power_ssj2008/results/res2018q2/power_ssj2008-20180410-00808.html
 HPE ProLiant DL385p Gen8 result: spec.org/power_ssj2008/results/res2012q4/power_ssj2008-20121113-00582.html
 Dell EMC PowerEdge R740xd result: spec.org/power_ssj2008/results/res2017q3/power_ssj2008-20170829-00780.html

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