HPE ProLiant ML350 Gen11 takes leadership status as most energy-efficient tower server

Key takeaways

HPE ProLiant ML350 Gen11 results:

- **World's most energy-efficient tower server**
  - **#1 tower**
  - **#1 2P tower**
  - **#1 tower Linux**
  - **#1 2P tower Linux**
  - **#1 tower Windows**
  - **#1 2P tower Windows**
- **Up to 40% generational energy-efficient improvement**
- **First tower server to score over 16,000 ssj_ops/watt**
- **First Windows tower server to score over 15,000 overall ssj_ops/watt**

About the SPECpower_ssj 2008 benchmark

SPECpower_ssj 2008 is the first industry-standard SPEC benchmark that evaluates the power and performance characteristics of volume server class computers. It is used to compare power and performance among different servers and serves as a toolset for use in improving server efficiency. The benchmark is targeted for use by hardware vendors, IT industry, computer manufacturers, and governments.*

*https://www.spec.org/power_ssj2008/

6 world records and 2 first results for energy efficiency on SPECpower_ssj® 2008 benchmark

Executive summary

The HPE ProLiant ML350 Gen 11 server world record energy-efficient results are unequaled. Powered by 5th Generation Intel Xeon Scalable Processors on the SPECpower_ssj 2008 benchmark, the HPE ProLiant ML350 Gen11 tower server took six energy-efficient world records, defeating top results from competitors Fujitsu and Supermicro, and two first results for tower server and Windows tower server. An impressive 40% generational energy-efficient improvement was also achieved. These outcomes are proof points of how HPE uses energy in the most effective way possible while minimizing waste.

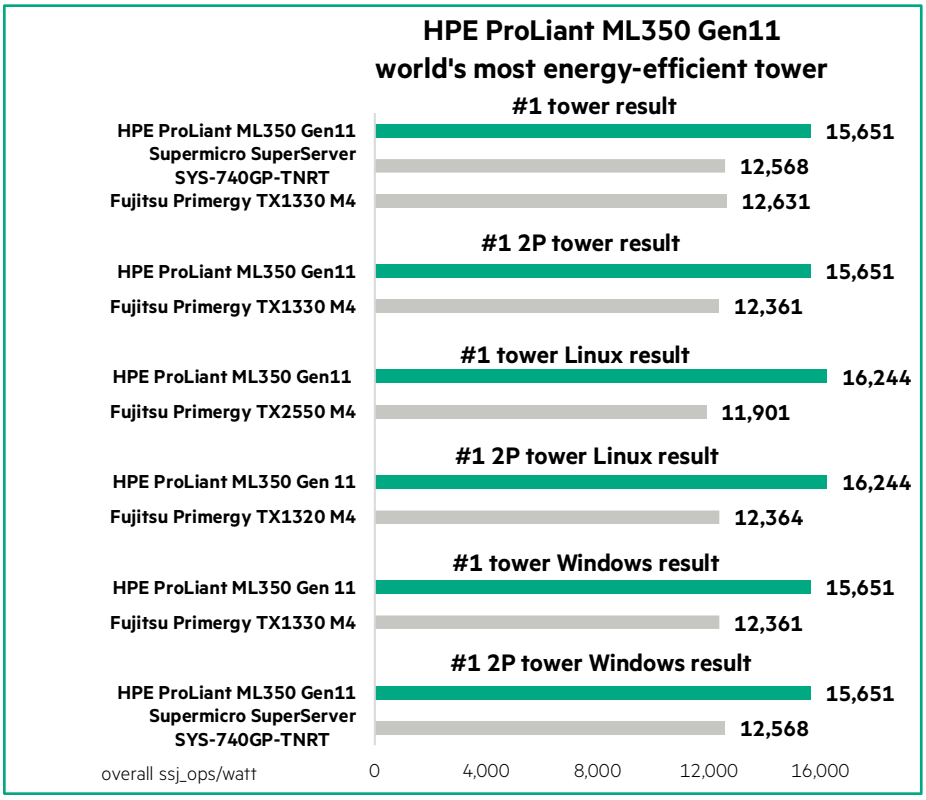

Figure 1. HPE ProLiant ML350 Gen11 vs. top competitors' results for energy-efficient tower servers

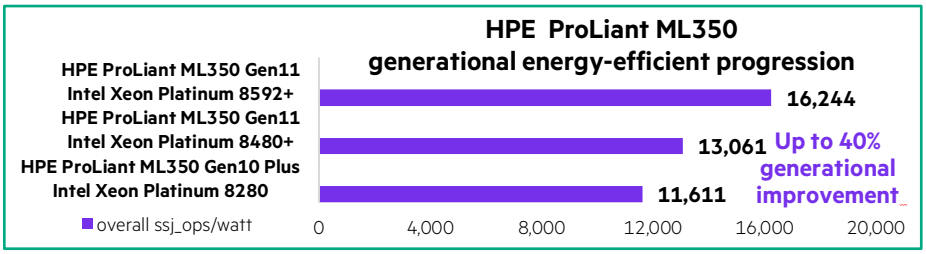

Figure 2. HPE ProLiant ML350 Gen11 shows up to 40% generational energy-efficient improvement

Customer value with HPE

HPE ProLiant Gen11 servers

New HPE ProLiant Gen11 servers deliver an intuitive cloud operating experience, trusted security by design, and optimized performance for workloads. In addition, HPE ProLiant Gen11 servers have the most innovative advances HPE has ever offered.

HPE ProLiant ML350 Gen11 server

The HPE ProLiant ML350 Gen11 provides the most powerful and storage flexibility in a 2P tower server with rackable chassis design for various environments, and delivers exceptional compute performance, security, reliability, and expandability. Designed with wide-range workloads for small offices, remote and branch offices of large enterprises, growing SMBs, and data centers, the HPE ProLiant ML350 Gen11 server is an excellent choice to accelerate customers' businesses.

HPE GreenLake

HPE GreenLake for Compute Ops Management (COM) Standard tier license is integrated. HPE ProLiant completes the hybrid environment wherever it lives—spanning edge to cloud.

HPE Security

At the silicon level, HPE security technological innovations continuously provide zero trust architecture against more advanced persistent security threats. For optimized security. the silicon root of trust anchors the server firmware to an HPE-exclusive ASIC, creating a fingerprint for the processor that must be matched exactly before the server will boot. HPE is the only vendor delivering industry-leading and true silicon root of trust from HPE built into the hardware and covering all firmware and BIOS through a key programmed into chip silicon at a TAA compliant production facility. Through HPE iLO 6 verification in Gen11, new security features include platform certificates iDevID by default and TPM.

Bottom line

These benchmark performance records are proof points for the energy-efficient leadership capability of the HPE ProLiant ML350 Gen11 server. HPE continues to be on the cutting edge by designing products that stand the test of time with innovations that are ahead of their time.

Learn more at

HPE ProLiant ML350 Gen11 Documents

HPE server performance briefs

Make the right purchase decision.
Contact our presales specialists.

Chat now (sales)

Call now

Get updates

Explore **HPE GreenLake**

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