



INTRODUCING THE HPE PROLIANT DL365 GEN10 PLUS SERVER

A new formula for dense performance



The HPE ProLiant DL365 Gen10 Plus server is a 2P, 1U system that utilizes AMD EPYC™ processors. In addition to world record performance,¹ this new platform comes with the built-in security, flexibility, and automation that you have come to expect from the solutions provided by Hewlett Packard Enterprise and AMD.

HOW YOU CAN UTILIZE THE HPE PROLIANT DL365 GEN10 PLUS SERVER



• Virtualization

- **Performance density**—It is built on the same technology as the best AMD processor-based server for virtualization² in a smaller footprint.
- **Better economics with 4P performance at 2P economics**³—High core counts enable more virtual machines (VMs) per server at a lower cost, allowing consolidation of workloads and software licenses onto fewer servers.

• Electronic design automation (EDA)

- **Faster time to value**—Up to 84 CPUs per rack delivers in 2x more simulations per rack per day⁴ bringing more competitive products to market faster.

HPE AND AMD BETTER TOGETHER



- **Dense compute**—Per server and that means up to 128 cores, up to 8 TB of memory, and 160 PCIe Gen4 lanes.
- **Cost-effective configurations**—The system supports both AMD 7003 series EPYC processors and select 7002 processors providing options for cost savings while maintaining best-in-class performance.
- **Advanced security**—Silicon root of trust from HPE creates a digital fingerprint in the silicon and helps ensure the server does not boot with compromised firmware. AMD Infinity Guard offers the advanced capabilities required to defend against internal and external threats and keep your data safe.

LEARN MORE AT

HPE ProLiant Gen10 Plus and AMD EPYC technology for secure virtualization; Benchmark and Performance guide—HPE Apollo and HPE ProLiant Server Workload Optimized Performance Wins with 3rd and 2nd Gen AMD EPYC Processors; AMD EPYC Server Virtualization TCO Estimation Tool

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¹ Results as of Jan 28, 2021 using SPECrate® 2017_int_base. The AMD EPYC 7763 has a measured estimated score of 798 that is higher than the current highest 2P server with an AMD EPYC 7H12 and a score of 717. spec.org/cpu2017/results/res2020q2/cpu2017-20200525-22554.pdf. OEM published scores for 3rd Gen EPYC may vary. See spec.org for more information.

² The HPE ProLiant DL385 Gen10 Plus v2 server delivered the #1 4-node, #1 2P 4-node, and #1 AMD result on the VMmark® 3.1.1 benchmark, with a score of 33.58 @ 36 tiles. Results published as of March 15, 2021.

³ SPECrate 2017_int_base comparison based on best performing systems published at spec.org as of May 25, 2021. 1 x AMD EPYC 7543P (274 SPECrate 2017_int_base, spec.org/cpu2017/results/res2021q2/cpu2017-20210524-26398.html) versus 2 x Intel® Xeon® Gold 6346 (285 SPECrate 2017_int_base, spec.org/cpu2017/results/res2021q2/cpu2017-20210524-26461.html)

⁴ Based on internal benchmarking conducted by HPE, 2020

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