HPE ProLiant Compute AMD-based servers

Modern solutions tailored to your specific workload needs

Powered by the latest generation AMD EPYC™ processors

- **Up to 35% higher performance with 5th Generation AMD EPYC processors[1]**
- **Higher density — 64% fewer servers and 49% less power than previous generations[2]**
- **Dedicated, silicon-level security features — AMD Infinity Guard[3]**
- **49 world performance records in key workloads including virtualization and data management[4]**

HPE ProLiant Compute DL345 Gen12

Storage optimized for compute and data storage demanding workloads (AI, ML, telco, virtualization, SDS, DB analytics) requiring maximum core count, high memory capacity and GPU capabilities for optimal power/performance while ensuring easy cooling, and reduced energy costs.

- 8-192 cores 500W
- Up to 6 TB memory (2DPC)
- Up to 5200MTs memory
- Up to 552 TB storage
- HPE iLO 7 UX
- DLC enabled
- 6 PCIe Gen5 slots
- 2 OCP 3.0 slots
- 4DW/6SW GPUs

Smaller footprint →

HPE ProLiant Compute DL325 Gen12

TCO optimized (hybrid cloud and containers, software-defined compute, CDN) and secure edge apps with increased CPU core count and memory capacity for faster deployment in various IT infrastructure environments.

- 8-192 cores 500W
- Up to 6 TB memory (2DPC)
- Up to 5200MTs memory
- Up to 300 TB storage
- HPE iLO 7 UX
- DLC enabled
- 2 PCIe Gen5 slots
- 2 OCP 3.0 slots
- 2DW 400W/4SW 75W GPUs

Higher memory throughput ↓

HPE ProLiant Compute DL345 Gen11

Data intensive workloads (software-defined storage, video transcoding, etc.) and virtualized apps that require large storage capacity, high I/O, and memory bandwidth.

- 8-160 cores 400W
- Up to 3 TB memory (1DPC)
- Up to 6400MTs memory
- Up to 552 TB storage
- 6 PCIe slots
- 2 OCP slots
- 2DW/4SW PCIe GPUs

HPE ProLiant Compute DL325 Gen11

Virtualized workloads (software-defined compute, CDN, and VDI) and secure edge apps that require balancing processor, memory, and network bandwidth.

- 8-160 cores 400W
- Up to 3 TB memory (1DPC)
- Up to 6400MTs memory
- Up to 300 TB storage
- 2 PCIe slots
- 2 OCP slots
- 2DW/2SW PCIe GPUs

More compute/more IO ↓

HPE ProLiant Compute DL385 Gen11

Compute and data storage demanding workloads (AI, ML, telco, DB analytics) requiring maximum core count, GPU capabilities, high I/O and network bandwidth.

- 8-320 cores 400W
- Up to 6 TB memory (1DPC)
- Up to 6400MTs Memory
- Up to 552 TB storage
- DLC enabled
- 8 PCIe slots
- 2 OCP slots
- 4DW/8SW PCIe GPUs

HPE ProLiant Compute DL365 Gen11

EDA, CAD, and general purpose virtualization workloads (including VDI) requiring increased compute density with built-in security and flexibility.

- 8-320 cores 400W
- Up to 6 TB memory (1DPC)
- Up to 6400MTs memory
- Up to 300 TB storage
- DLC enabled
- 2 PCIe slots
- 2 OCP slots
- 2DW/2SW PCIe GPUs

Edge ↓

HPE ProLiant Compute DL145 Gen11

Robust edge computing server designed to cater to the needs of various industries with its sleek design, affordable pricing, and quiet operation.

- 8-64 cores
- Up to 768 GB memory
- Up to 90 TB storage
- 3 PCIe slots
- 1 OCP slot
- 1DW/3SW PCIe GPUs

Performance and efficiency optimization for every workload, from VDI to AI

[1] Up to 35% performance increase compared to HPE ProLiant Gen11 servers based on 4th Gen AMD EPYC processors. SPEC and the names SPEC CPU, SPECrate, SPECspeed are registered trademarks of the Standard Performance Evaluation Corporation (SPEC). The stated results are published as of 10-10-24; see spec.org

[2] HPE ProLiant Compute Gen11 Servers With AMD EPYC Processors, May 2024

[3] GD-183A: AMD Infinity Guard features vary by EPYC™ Processor generations and/or series. Infinity Guard security features must be enabled by server OEMs and/or Cloud Service Providers to operate. Check with your OEM or provider to confirm support of these features. Learn more about Infinity Guard at amd.com/en/products/processors/server/epyc/infinity-guard.html

[4] AMD EPYC™ Processor World Records

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