

Achieving next-level security, performance, and efficiency

HPE ProLiant Compute Gen12 with 5th Gen AMD EPYC™ processors—engineered for the hybrid world

Facing ubiquitous challenges

Executives, data scientists, security officers, cloud architects, and developers from 700+ organizations¹ agree about the challenges they face:

Server vulnerabilities

in on-premises data centers and at edge locations

Enabling new use cases / workloads,

including AI, edge, virtualization, and VDI

Lack of visibility and insights,

blocking information on compute utilization, costs, and energy use

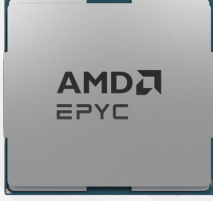
Overcoming inefficiencies

to help boost performance, costs, energy use, staffing, and more²

IT teams agree they could address these issues if they had innovative IT solutions that enable transformation.

Driving innovation and supporting transformation company wide

HPE ProLiant Compute Gen12 with 5th Gen AMD EPYC processors is the answer to today's top business challenges:



5th Gen AMD EPYC processor



Helps protect or defend against attacks with multilayer security



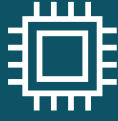
Boosts energy efficiency



Increases IT productivity with new AI-driven insights

Leveraging the latest technology advancements

Up to 192 cores, 500W



5th Gen AMD EPYC processors, delivering proven performance, efficiency, and density

Compared to Gen11, with up to 160 cores and 400W

Increased memory



Up to 6 TB DDR5, two DIMMS per channel (DPC), supporting memory-intensive tasks such as AI, ML, and content creation

Compared to Gen11, with up to 3 TB DDR5, 1DPC

New

Data center-modular hardware system



Flexible, scalable approach to managing the physical IT infrastructure

Compared to Gen11, which offers no DCMHS compatibility

New

HPE iLO7 Security



Next-level security features to help protect sensitive data

Compared to Gen11, with HPE iLO6

New

Front-capable I/O



Up to four PCIe Gen5 slots and two OCP for easy accessibility in space-constrained data centers

Compared to Gen11, with no front accessibility

New

Direct-liquid cooling



All Gen12 platforms now DLC enabled

Compared to Gen11, with air cooling

Summary

Power next-generation workloads with the efficiency you demand. Get a secure foundation designed to power new workloads while addressing inefficiencies and streamlining operations. HPE ProLiant Compute Gen12 is:

- Secured with a robust, security-first design
- Optimized for more performance and efficiency
- Automated and AI-driven to boost productivity

Learn more



¹ In the Fall of 2024, the HPE Business Transformers Community surveyed 700 organizations about the challenges they face.

² This is a private online research community, facilitated by C Space and managed by the HPE Competitive, Customer, and Market Intelligence (C2MI) team.