Accelerate your digital transformation with HPE and AMD

HPE and AMD pioneer the next era of computing

Workload-optimized solutions from HPE and AMD deliver exceptional performance, deep intelligence, robust security features, and energy efficiency to drive success in your hybrid world.

Industry-leading performance

Organizations of every size trust the world's highest performance x86 server processor and the leading global edge-to-cloud server company to deliver up to 256 cores per server to accelerate the most demanding workloads.[1, 2]

Built-in security features

Layering built-in processor security features on the world's most secure industry-standard servers, HPE and AMD bring high availability to your critical data and help prevent, detect, and recover from attacks across the product lifecycle.
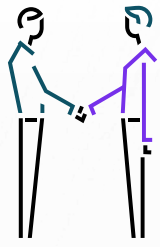
Energy efficiency

From the edge, to core, to hybrid cloud, HPE and AMD offer a portfolio of workload-optimized solutions through a flexible as-a-service model that brings cloud-like agility and maximizes operational efficiency.

Global ecosystem

Our rapidly expanding ecosystem of experts and partners offers choice and innovation with optimized solutions that are tested, proven, validated, and certified to meet your evolving requirements.

HPE and AMD solutions are better together

HPE servers powered by 4th Gen AMD EPYC™ processors and AMD Instinct™ accelerators are designed to fuel impact and innovation in a hyperconnected and data-driven world. With decades of engineering experience, HPE and AMD hold 35 world records in areas such as big data and analytics, virtualization, cloud, and energy efficiency.[3]

Workload-optimized solutions from HPE and AMD

Virtualization
Empower productivity with scalable VDI solutions that deliver robust virtual machine, container, and application density and maximize processor utilization.

Database Management
Accelerate your data-intensive workloads with high I/O capacity and storage capacity using the latest compute and storage innovations.

Data Analytics
Transform data-heavy workloads into competitive advantage with fast, reliable compute performance to reduce latency and improve bandwidth.

AI/Machine Learning
Power next generation AI workloads with multiple high core count CPUs and GPU accelerators for to enhance performance and processing output.

Supercomputing
Unlock the next frontier of discovery, innovation, and achievement with the next generation of supercomputing powered by leading GPU accelerators and processors.

Discover the HPE and AMD advantage

Fast Time to Value
HPE servers featuring AMD Instinct accelerators and AMD EPYC CPUs can offer faster value and cost savings:
- Harness consistent performance using fewer cores reducing the amount of required hardware and software
- Increase processing power in a smaller footprint helping to lower power, cooling, and real estate costs

Intelligent Automation
HPE and AMD deliver an intelligent foundation for an open, hybrid cloud platform using a standards-based API with end-to-end management, optimization, and orchestration tools with real time performance tuning recommendations:
- Simplify and automate management tasks
- Maximize workload performance, placement, and efficiency
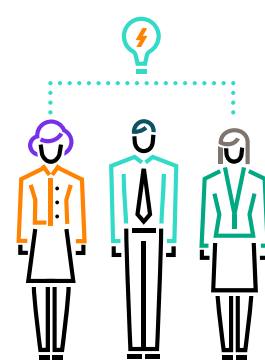
360-Degree Security
HPE and AMD offer a modern, multi-faceted approach to data center security from the firmware to the application layer to detect threats and defend against attacks:
- Ensure the integrity of system firmware with the Silicon root of trust from HPE
- Safeguard data wherever it exists with AMD Infinity Guard including Secure Memory Encryption, Secure Encrypted Virtualization, and Secure Nested Paging[4]

Trusted leaders for data center transformation

HPE and AMD have established leadership in supercomputing and AI. Whether you need a lightweight single-processor server or the power of a world-class supercomputer, we enable reliable, energy-efficient performance at a low TCO to help you thrive in the next era of computing.

HPE and AMD solutions are more than just products — they deliver a comprehensive and intuitive experience to drive your business forward. We are committed to helping you overcome today's challenges and prepare for the future. Go beyond what's possible with HPE, AMD, and our expansive partner network.

[1] HPE solutions powered by AMD, Spec Organization 2022
[2] How to choose the right HPE ProLiant Gen11 AMD server for your business, HPE Community 2023
[3] HPE and AMD: Delivering EPYC™ solutions together 2024
[4] AMD Infinity Guard Security Features GD-183 2021