HPE GreenLake

Explore
HPE Compute

Power your edge-to-cloud world with solutions optimized for your workloads

Your data is your source of business value

Whether you are an IT service provider delivering cutting-edge solutions to your customers, a healthcare organization managing the private data for hundreds of patients, or even a team of elite scientists dedicated to space exploration, you are generating thousands of data points every minute of every day.

Data has become the currency of business transformation. They are the insights that justify investments, track customer buying trends, and monitor and manage complex supply chains.

When organized and understood, data is the fuel for innovation that drives competitive advantage in a world that increasingly demands speed, agility, and security. Thriving in a digital-first world requires the knowledge and ability to understand that gigabytes and terabytes of data are key drivers of value creation for your enterprise.

By taking a data-first approach, with next-generation compute systems, you can liberate untapped value. Therefore, it is critical to establish the right foundation for your data across edge to cloud, so that you can create, configure, and manage these large data sets.

With optimized HPE Compute solutions, you can unlock more value from your data by unifying access for integration and analysis to drive more efficient application performance and allocation of resources.
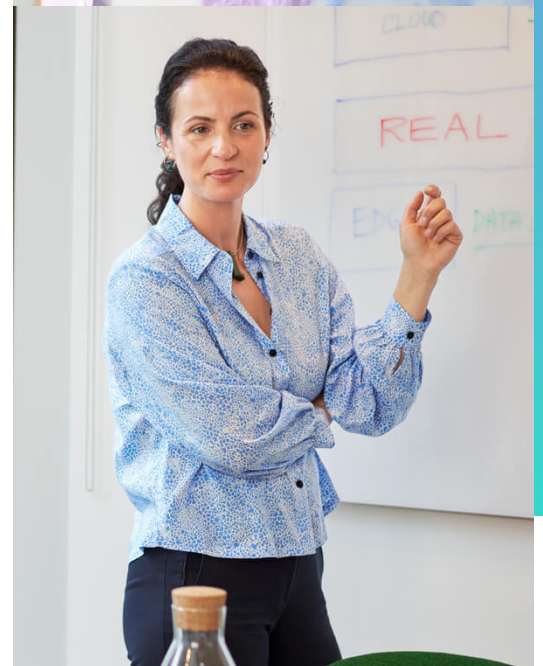
Where do you want to take your business?

Digital transformation presents new business opportunities by establishing a solid cybersecurity approach, attracting, training, and retaining a world-class workforce, and thriving during mixed economic conditions.

IT environments are becoming more advanced and complex, but there is a positive tradeoff: IT ecosystems can be more easily managed, freeing up critical IT resources to focus on strategic revenue-generating activities rather than day-to-day systems and hardware management.

Modern and evolving workloads surpass yesterday's infrastructures while establishing a more solid IT foundation. With each workload having variable requirements to get the job done—latency, scale, performance, and economics determine the best road for each organization.

When you modernize your IT infrastructure with HPE Compute, you gain the foundational intelligence that transforms your environment with insights that optimize workload performance and rapidly deliver superior business outcomes.

Accelerate innovation from edge to cloud

Are you looking to harness compute solutions to scale up or out, on-premises or in the cloud, with purpose-built infrastructure and software that speeds time to adoption? Look no further. You can solve your complex problems faster through leading HPE Compute products, solutions, and technologies.

HPE GreenLake for Compute

Compute delivered in a pay-as-you-go* model is agile, scalable, and cost-effective. Your team doesn't have to wait for server infrastructure to be procured, assembled, configured, and added to the network. Instead, it's available on-demand, so they can tap their creativity and get to work with little concern about over- or under-provisioning and the associated costs.

HPE GreenLake for Compute brings the cloud experience to you with self-serve, pay-per-use, and scale up-and-down capabilities managed for you from edge, co-location, and data centers everywhere. You can free up capital, enhance operational and financial flexibility, and reallocate resources to accelerate what's next for your business.

* May be subject to minimums or reserve capacity may apply

HPE ProLiant Servers

The latest iteration of HPE ProLiant Servers deliver next-generation compute solutions to power your hybrid environment wherever it lives—from the edge to the cloud. Leverage these industry workhorses to unlock more value from your data and power insights into your business. Benefits include economical local storage capacity, impressive energy efficiency, and flexible deployment options.

End-to-end security features stand at the forefront of our design and engineering, and Hewlett Packard Enterprise has worked diligently to match the latest processor and storage innovations to the right platforms for various workloads. Advanced security tools and processes such as the silicon root of trust,[1] global supply chain security services, HPE Compute Ops Management, and enhanced security capabilities in our partner ecosystem help ensure performance, security, and simplified management across the HPE Compute portfolio.

HPE Compute Ops Management

HPE has intelligently transformed compute management with an intuitive cloud operating experience that delivers greater security, simplicity, and efficiency, streamlining operations from edge to cloud.

HPE Compute Ops Management provides modernized lifecycle management with cloud simplicity and agility, designed to save time and money. Through a unified console, you can transform business operations and pivot your team from reactive to proactive with global visibility and insight. Tasks are automated for efficiency in deployment, instant scalability, and seamless, simplified support and lifecycle management.

HPE Cray Supercomputing

With every new generation of high-performance computing, the design challenges become more complex. The momentum for high-performance computing is strong, and the appetite for artificial intelligence (AI)-driven applications is even stronger.

Today's science, technology, and Big Data questions are bigger, more complex, and more urgent than ever. But HPE extends the same supercomputing technology that fuels the world's fastest systems[2] to a full range of industries and data center sizes, scales, and budget needs—making it accessible at the enterprise level in a pay-as-you-go model. The expanded portfolio is rooted in exascale innovation. It provides significant performance and AI-at-scale capabilities to tackle data-intensive workloads, accelerate AI and machine learning initiatives, and drive market-leading innovation.

Reach AI at scale and unlock business value from data insights with a full suite of super computing solutions from HPE.

[1] Silicon root of trust is a firmware technology that integrates security directly into the hardware level of HPE Servers, making an immutable fingerprint in the silicon that provides advanced levels of protection against firmware attacks.

[2] top500.org/lists/top500/2022/11/

HPE iLO

Server operations overall can be automated and simplified with tools such as HPE iLO. It allows you to securely configure, monitor, and update your HPE ProLiant Servers seamlessly—from anywhere in the world—to gain consistent insight into the health and operation of your entire server environment. This translates to faster time to deployment, higher server and application availability, and significantly quicker resolution for any issues.

The HPE difference

Modernize and accelerate your data foundation as you unlock the value of data with HPE Compute Solutions. We give you the flexibility to choose where and how you consume compute to best fit your business and budget while enabling you to accelerate your digital transformation with the skills and resources you need to achieve your goals. In addition, you can virtually eliminate the complexity of operating your IT across disparate environments and operating models with a managed-as-a-service experience.

Take the next step to modernizing your compute infrastructure

Contact your local sales representative or authorized HPE Partner to learn more about HPE Compute and how HPE GreenLake computing solutions can transform your server operations.

Learn more at
HPE.com/compute

Visit **HPE GreenLake**

Chat now (sales)

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