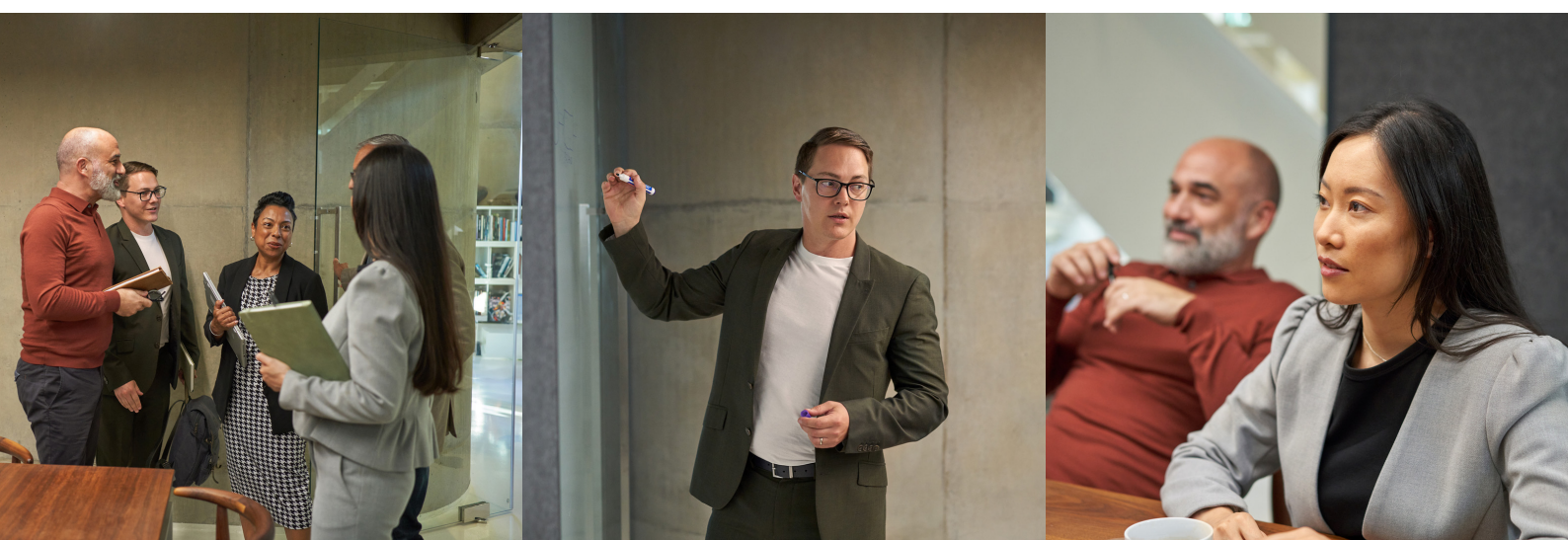


Drive better outcomes with modern data management and analytics

HPE ProLiant Gen11 solutions for data analytics



Data is growing faster than most organizations can manage with legacy infrastructure. In 2025, data growth is expected to be more than 200 zettabytes¹ with 8 in 10 business leaders² saying data is critical for decision-making. Despite this, 41% of business leaders cite challenges with understanding the growing amounts data because it's complex or not accessible enough.³ Essential business insights for innovations, services, and security measures lie within this data; however, modern infrastructure is crucial for connecting, taming, and mining the data for these insights. This means weaving millions of threads of data into a unifying fabric, automated and accessible from edge to cloud.

How can data modernization help relieve your top challenges?

Legacy data management		Modernized data management
It is difficult to tame and connect data sources that are disparate and siloed across legacy systems, slowing down decision velocity.	101 010 Making important data connections	Access and connect your company's propriety data, across all lines of business, with a consolidated data repository and analytics tools to enable quick data analysis for business insights.
Outdated, older systems cannot scale at the rate your business data is growing and carry burdensome operational and power costs affecting your budget for innovative projects.	 Optimizing performance and efficiency	Reduce footprint, increase efficiency, and improve operational costs by taking advantage of modern infrastructure that is storage optimized and scalable.
Legacy infrastructure puts your organization's data at risk from malicious actors who become more sophisticated as technology advances.	 Protecting your data	Strengthen your security measures from silicon to software and factory to cloud by upgrading to the latest technology to protect your business from emerging threats.

Top reasons to choose HPE Compute for data modernization

HPE ProLiant is engineered for a hybrid world to meet the demand for data-first modernization. Your data is your source of business value. It's created constantly, across the enterprise, and it contains the insights that fuel innovation and competitive advantage. Realizing that value, however, requires the right compute to power analytics that brings key perspectives to light for the benefit of the business and your customers. Here's why organizations choose HPE Compute for their data management and data analytics workloads:

- Optimized performance for data workloads:**
 HPE ProLiant Gen11 compute delivers efficiency, scalability, and economics to accelerate business outcomes while lowering TCO. Consolidate more data workloads and increase ROI with the breakthrough performance of next-gen compute with 2x more I/O bandwidth for your most demanding data workloads now and in the future.⁴ Discover the flexibility to optimize cost, performance, and storage without complexity.
- Ecosystem of partnerships for an end-to-end data pipeline:**
 Hewlett Packard Enterprise collaborates with a broad partner ecosystem of leading solution vendors for data management and analytics needs. Organizations can adopt validated tools and technologies to establish a data pipeline with flexibility to choose the end-to-end solutions that best fit their business needs. Deploy solutions with confidence on HPE Compute to get started with making important data connections to accelerate decision velocity and competitive advantage.
- Trusted security by design:**
 Engineered with a fundamental security approach to defend against increasingly complex threats and protect your infrastructure, workloads, and data from threats to hardware and risks from third-party software. As a leader in security innovation, HPE ProLiant Gen11 offers a trusted edge-to-cloud security posture and a proven zero trust approach to security.
- More graphic capabilities than ever before:**
 Empower your data innovators with advanced GPU accelerators on HPE ProLiant Gen11 ultra-scalable architecture with up to 33% more GPU density and flexibility for Big Data analytics workloads of all sizes at the edge and in the data center.⁵
- Intuitive cloud operating experience:**
 Simplify the way you control compute from edge to cloud with a cloud operating experience. Transform business operations and pivot your team from reactive to proactive with global visibility and insight through a unified console. You can automate tasks for efficiency in deployment and instant scalability helping deliver seamless, simplified support and lifecycle management.
- Portfolio of hybrid cloud solutions:**
 Deliver business outcomes faster with an as-a-service model designed for your data workloads. HPE GreenLake is a portfolio of cloud and as-a-service solutions that helps simplify and accelerate your business. It delivers a cloud experience wherever your apps and data live — edge, data center, colos, and public clouds. Available on a pay-as-you-go⁶ basis, HPE GreenLake runs on an open and more secure edge-to-cloud platform with the flexibility you need to open up new opportunities for your data workloads.
- Advisory and Professional Services to accelerate your data modernization:**
 HPE offers a portfolio of data transformation services. Our experts can help design and deploy a data platform with the availability, governance, security, and speed tailored to your organization's needs. As a trusted business partner, HPE empowers our customers to build their business capabilities where and how they need them.

Find out how HPE ProLiant Gen11 can deliver purpose-built data solutions that help organize and extract value from their data, improve decision velocity, and drive business outcomes.

Learn more at

[HPE ProLiant solutions](#)

[Transform data analytics with reliable, high-performance compute from HPE and AMD solution brief](#)

¹ "How Much Data Is Created Every Day in 2023?" TechJury.net, 2023

², ³ "73% of Business Leaders Believe Data Reduces Uncertainty and Drives Better Decisions — So Why Aren't They Using It?" Salesforce, Inc., 2023

⁴ Compared to HPE ProLiant Gen10 Plus Servers

⁵ Comparison of HPE ProLiant DL385 Gen11 Server with four double-wide GPUs to HPE ProLiant DL385 Gen10 Plus Server with three double-wide GPUs

⁶ May be subject to minimums or reserve capacity may apply

[Explore HPE GreenLake](#)

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