

Solution Brief

Welcome to the Next Era in Data Storage

Power your data from edge to cloud with HPE Alletra



A Paradigm Shift in Data Infrastructure

Data storage and management are undergoing a fundamental transformation. Cloud-native, AI-powered storage infrastructure is replacing legacy storage architectures that were built for a different era. The new generation of intelligent storage delivers a cloud operating and consumption experience wherever data lives.

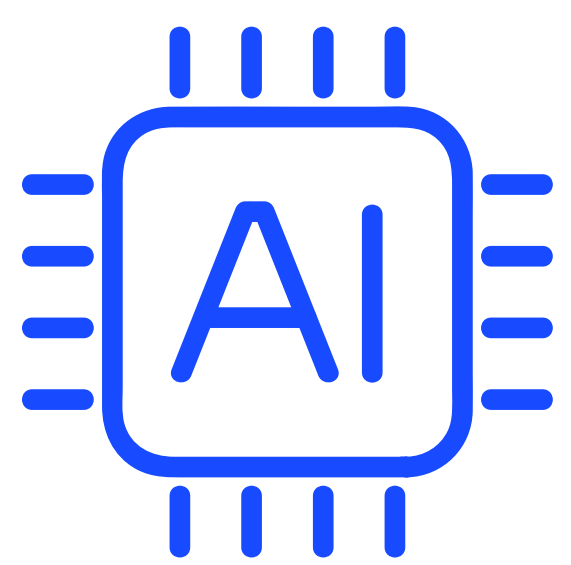
HPE is pioneering this new era of storage with HPE Alletra Storage, cloud-native data infrastructure that sheds the complexity and silos inherent in many hybrid cloud environments.

With HPE Alletra Storage, organizations can run any application, scale seamlessly across the hybrid cloud, and accelerate with a true cloud operational experience. With AI-powered insights, predictive intelligence, and extensive automation, this next-generation platform helps teams unlock the true potential of hybrid cloud.

The result is storage infrastructure that thinks for itself, manages itself, and scales effortlessly to meet evolving needs.

Intelligent, Cloud-Native Storage for Every Workload

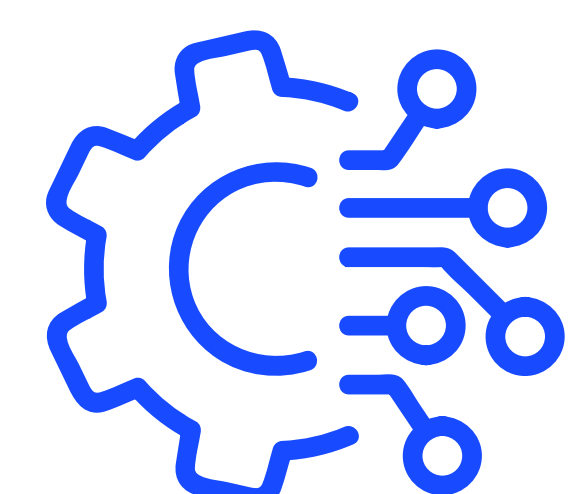
HPE Alletra Storage runs any app, streamlines data management, and simplifies costs with consumption-based pricing.



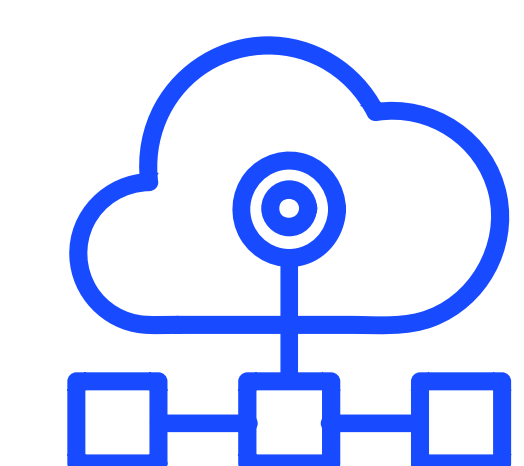
Get more time back with AI-driven infrastructure: Powered by the industry's most advanced AI for infrastructure, HPE Alletra Storage eliminates complexity, transforms the way teams manage resources, and redefines the support experience.



Accelerate with a true cloud operational experience: Get the same agility and simplicity for every app. Deploy resources with auto-discovery and zero configuration, right out of the box, and manage 1000s of systems as easily as you manage one.



Consume as a service, everywhere: Instead of owning and maintaining infrastructure, utilize it on demand and as a service. HPE Alletra Storage delivers cloud-native simplicity and the flexibility to consume resources exactly as and when you need them.



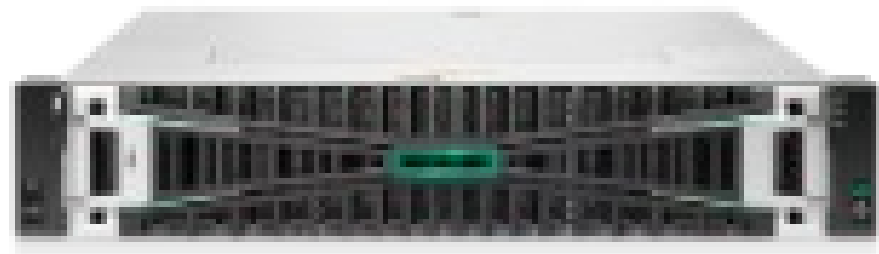
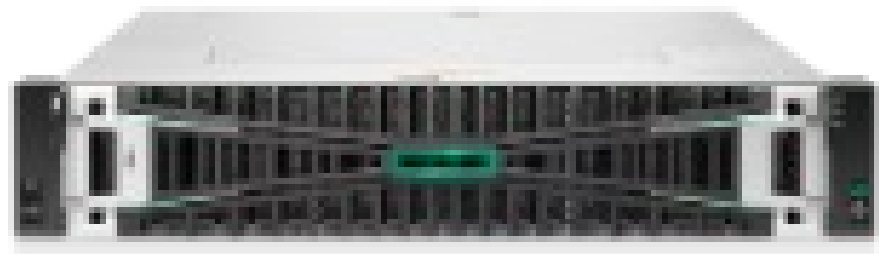
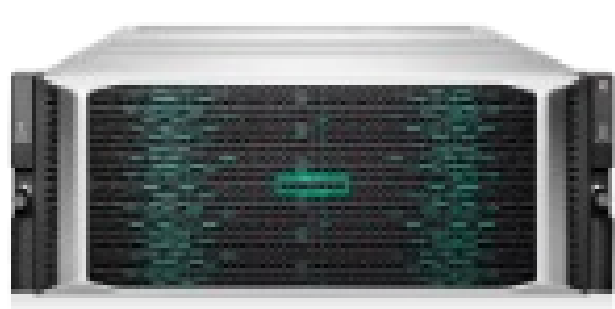
Free teams from hybrid complexity: Break down silos between clouds through seamless access to data and a consistent experience that maximizes resources across on-premises infrastructure and public cloud.



By abstracting data infrastructure to the cloud, HPE Alletra enables a single, consistent operational experience. With it, teams can operate at cloud speed and scale — and easily orchestrate data infrastructure across its lifecycle with simple deployment, AI-driven intent-based provisioning, and invisible upgrades.

Explore the HPE Alletra Storage Portfolio

Copilot Studio and Power Platform enable teams to automate repetitive work, surface insights, and deploy intelligent assistants that drive improvements in productivity, efficiency, and innovation across the organization. Here are a few benefits of combining these tools:

HPE Alletra Storage MP B10000	HPE Alletra Storage MP X10000	HPE Alletra 5000 Series	HPE Alletra 6000 Series	HPE Alletra 9000 Series
				
Mission-critical storage at midrange economics with the industry's only disaggregated, scale-out block storage with a 100% data availability guarantee. Brings an AI-driven hybrid cloud experience, efficient scale, and extreme resiliency and performance to mission-critical workloads.	A unique, software-defined, scale-out data system that brings together high performance all-flash object storage, massive capacity, and effortless management. Expedite the time to value from your data-intensive initiatives.	Designed for a mix of primary workloads and secondary backup and disaster recovery. Flash-enhanced architecture plus HPE InfoSight predictive analytics bring fast, reliable access to data and 99.9999% ¹ measured data availability.	Built for business-critical workloads with strict availability and performance SLAs. Ensure resiliency with guaranteed 99.9999% ² data availability, scale as needed, and easily extend to the cloud with consistent data services.	Optimized for workloads with extreme latency and availability requirements. Consolidate traditional and modern mission-critical apps with All-NVMe performance, ultra-low latency, and guaranteed 100% ³ data availability.

This comprehensive portfolio ensures organizations can match storage capabilities precisely to application requirements without unnecessary complexity or cost. Each product line integrates with HPE GreenLake for cloud-native management and as-a-service consumption.

Stop Managing Data Infrastructure and Start Consuming It

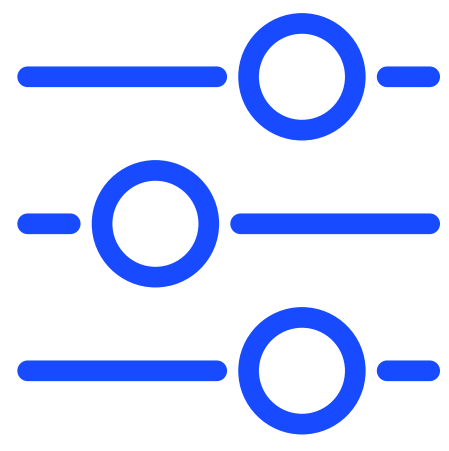
All HPE Alletra Storage systems are managed through HPE GreenLake and HPE InfoSight, which simplify and automate data storage operations—so your team can spend less time on infrastructure and more time on your business.

1,2,3. <https://www.hpe.com/us/en/hpe-alletra.html>



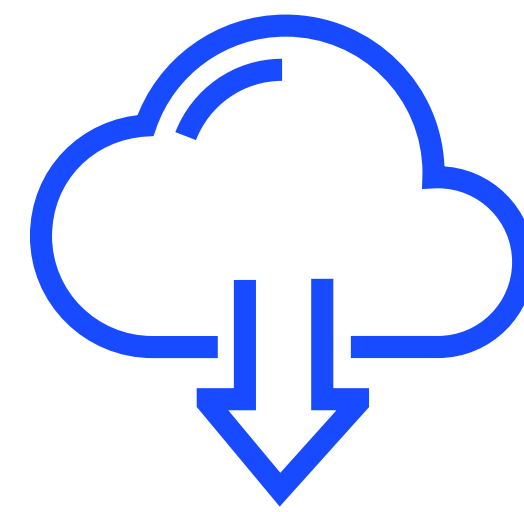
Simplify Management with HPE GreenLake

Bring the cloud experience to IT, optimizing performance, cost, and reducing complexity.



Unified Management:

Single console manages storage across on-premises, edge, colocation, and cloud.



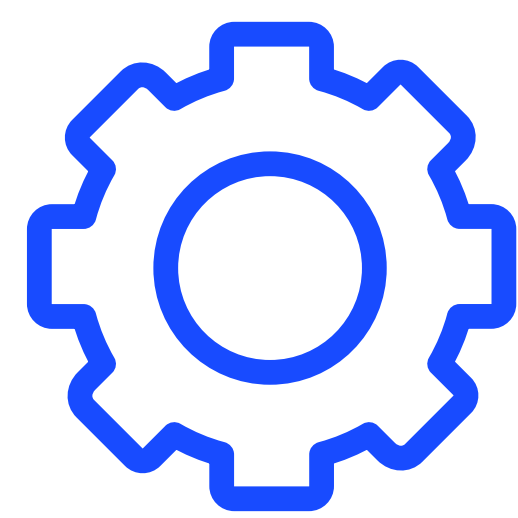
Simple Deployment:

Auto-discovery and zero-configuration deployment gets systems online in minutes.



Intent-Based Provisioning:

Eliminate guesswork with AI-driven resource allocation



Invisible Upgrades:

Non-disruptive updates happen automatically without downtime.



As-a-Service Consumption:

Pay-per-use billing with scale-up-and-down flexibility.

Elevate data management with HPE InfoSight

Deliver AI-powered autonomous operations that ensure storage environments are always-on, always-fast, and always-agile.

Predictive Issue Resolution: 86% of issues automatically predicted and resolved before impacting operations.

Autonomous Operations: Self-managing, self-healing, self-optimizing infrastructure with AI-powered intelligence.

Global Intelligence: Collects and analyzes data from 100,000+ systems worldwide to make every system smarter.

Cross-Stack Visibility: 54% of problems resolved are beyond storage—covers servers, virtualization, and applications.

Reduced Management Overhead: 85% less time managing problems enables focus on strategic initiatives.⁴

4. <https://www.hpe.com/us/en/software/infosight.html>

Power Your Data Infrastructure with Intelligent Storage

with Logicalis + HPE

Logicalis is here to help you make the most of HPE Alletra Storage. For 30+ years, we have been helping clients build and manage HPE Storage solutions: we tailor storage architectures to your workloads, create a growth plan, and ensure storage infrastructure can support business objectives.

With Logicalis managing storage operations, IT teams can focus on proactive optimization and strategic business initiatives, instead of infrastructure management.

Why Logicalis?

- HPE Partner since 1993
- Dedicated, certified HPE experts
- 24/7 monitoring
- Predictive maintenance
- Ongoing advisory services

Are you ready to power your storage infrastructure with HPE Alletra Storage?

