HPE GreenLake

HPE Alletra 6000

What's new

- Easily scale without disruption using the NVMe All Flash expansion shelves to grow system capacity
- Eliminate complexity by unifying infrastructure management silos under a cloud managed single pane of glass - accessible from anywhere and from any device
- Developed from the foundation of HPE Nimble Storage architecture, proven to deliver speed, efficiency, and resiliency with cloud agility

Overview

Is your enterprise class storage holding you back because you are tied down administering, tuning, and supporting infrastructure? Are you looking to shift to a cloud everywhere experience with the same agility, simplicity, and cloud consumption for every application?

HPE Alletra powers your data from edge-to-core with the cloud experience for all your apps. For business-critical workloads, HPE Alletra 6000 delivers fast, consistent performance and industry leading data efficiency. It enables IT to shift from owning and maintaining data infrastructure to simply accessing and utilizing it on-demand, as-a-service. Eliminate performance and efficiency trade-offs with no knobs or configurations to adjust and always-

- Delivers up to 3X faster performance than previous HPE Nimble Storage All Flash Arrays [3]
- Designed for high availability requirements with 6x9s availability guaranteed as a standard benefit without requiring a special contract
- HPE Store More Guarantee delivers more effective capacity per terabyte of raw flash than competitive all-flash arrays [2]

on data services. Get resilient storage with intelligence and a no single point of failure platform that together deliver 6x9s [1] availability guaranteed. Deliver on recovery SLAs with fast, integrated app aware backup and recovery, on-premises and in the cloud.

Features

AI-driven

Predict and prevent disruptions across storage, services, and virtual machines (VMs), resulting in savings of over 1.5 million hours of lost productivity due to downtime.

Redefine support experience with predictive support automation that delivers an unprecedented support experience with automated L1 and L2 and direct access to the resources you need.

Pinpoint issues between storage and VMs and underutilized virtual resources without effort.

Take the guesswork out of managing data infrastructure with AI-driven recommendations that improves performance, drives higher availability, and optimizes resource utilization and planning.

Built for Cloud

Setup in minutes because systems are automatically discovered, on-boarded, and configured.

Say goodbye to time-consuming, LUN-centric provisioning with AI-driven, intent-based provisioning of application workloads on infrastructure best suited for optimizing SLAs.

Experience faster access to innovation with no disruptions because new features and enhancements are instantly available through self-service upgrades.

Manage from anywhere with simple global management driven through a SaaS-based user experience.

As-a-Service

Consume data infrastructure as a service via HPE GreenLake, eliminating up front capital costs with a pay-per-use model.

Shift from owning and maintaining data infrastructure to simple accessing and utilizing it on-demand.

Free up your cash flow and increase financial agility with the right mix of subscription and consumption-based services.

Technical specifications   HPE Alletra 6000

Drive description	NVME SSDs: 1.92 TB, 3.84 TB, 7.68 TB, 15.36 TB
Capacity	Up to 368 TB per enclosure
Storage controller	Redundant storage controllers
Maximum drives per enclosure	24
Availability features	Triple+ Parity RAID for data protection (triple drive and intra-drive parity), 99.9999% guaranteed availability, redundant hardware/software design, no single points of failure.
Compatible operating systems	Microsoft Windows® Server® VMware ESXi™ SUSE® Linux® Enterprise Server (SLES) Red Hat® Enterprise Linux (RHEL) Ubuntu Server Edition LTS Oracle Linux Oracle Solaris Citrix® XenServer IBM AIX, HP-UX For the latest information on supported operating systems refer to Single Point of Connectivity Knowledge (SPOCK) for HPE Storage products: https://www.hpe.com/storage/spock
Product dimensions (imperial)	6.9 x 17.3 x 31.5 in
Weight	120 lb
Warranty	HPE Alletra 6000 arrays come with the following warranties 1-year, parts-only warranty for hardware components and 90-day, software updates for defects. Additionally, Hewlett Packard Enterprise provides phone support for replacing a defective part. Additional support coverage is required for HPE Alletra 6000 arrays. Note: For hardware warranty claims, defective part must be received before replacement parts are shipped.

[1] HPE Get Six Nines Guarantee: hpe.com/h20195/v2/Getdocument.aspx?docname=a00026086enw

[2] HPE Store More Guarantee: http://h20195.www2.hpe.com/V2/GetDocument.aspx?docname=a00039975enw

[3] Based on HPE internal testing
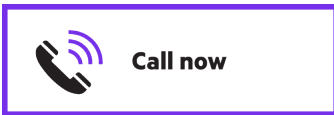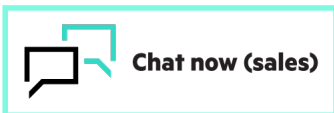
HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Consulting services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.

- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

The Defective Media Retention (DMR) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. Comprehensive Defective Material Retention (CDMR) allows you to keep all data retentive components.

HPE GreenLake

HPE GreenLake edge-to-cloud platform is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please explore them here.

Explore **HPE GreenLake**

Make the right purchase decision.
Contact our presales specialists.

Find a partner

Chat now (sales)

Call now

Buy now

Share now

Get updates

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