

# HPE Alletra 6000

Alletra Storage Arrays



## 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

## 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

cloud agility

- 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]

trade-offs with no knobs or configurations to adjust and always-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

|                                      |  |
|--------------------------------------|--|
| <b>Drive description</b>             | NVME SSDs: 1.92 TB, 3.84 TB, 7.68 TB, 15.36 TB   |
| <b>Capacity</b>                      | Up to 368 TB   |
| <b>Storage controller</b>            | Redundant storage controllers  |
| <b>Maximum drives per enclosure</b>  | 24   |
| <b>Availability features</b>         | 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.  |
| <b>Compatible operating systems</b>  | Microsoft Windows® Server®<br>VMware ESXi™<br>SUSE® Linux® Enterprise Server (SLES)<br>Red Hat® Enterprise Linux (RHEL)<br>Ubuntu Server Edition LTS<br>Oracle Linux<br>Oracle Solaris<br>Citrix® XenServer<br>IBM AIX, HP-UX<br>For the latest information on supported operating systems refer to Single Point of Connectivity Knowledge (SPOCK) for HPE Storage products: <a href="https://www.hpe.com/storage/spock">https://www.hpe.com/storage/spock</a> |
| <b>Product Dimensions (imperial)</b> | 6.9 x 17.3 x 31.5 in   |
| <b>Weight</b>                        | 120 lb   |
| <b>Warranty</b>                      | HPE Alletra 6000 arrays come with the following warranties<br>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](http://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



For additional technical information, available models and options, please reference the [QuickSpecs](#)

## HPE Pointnext Services

[HPE Pointnext Services](#) brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

### Operational Services from HPE Pointnext Services

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

[HPE Pointnext Complete Care](#) is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

**HPE Integration and Performance Services** help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- GreenLake Management Services
- Retire and sanitize
- IT Training and personal development

### Other related services

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

**Defective Media Retention** is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

## HPE GreenLake

[HPE GreenLake](#) is HPE's market-leading IT 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. HPE GreenLake delivers public cloud services and infrastructure for workloads 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](#).

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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