

HPE Alletra dHCI



What's new

- HPE Alletra dHCI now supports HPE Alletra 5000, the next-generation hybrid flash array for general purpose workloads that require cost-efficient flash performance.
- HPE Alletra dHCI now supports Rack integration of certain configurations via pre-configured Build-to-Order SKUs.
- HPE Alletra dHCI now supports the AMD-based HPE ProLiant DL325 Gen11, HPE ProLiant DL365 Gen11, and HPE ProLiant DL385 Gen11 server models.
- HPE Alletra dHCI now supports latest versions of VMware ESXi 7.0 U3 and 8.0 software.
- HPE Alletra dHCI has simplified lifecycle management with one-click, unified software upgrades for server firmware, hypervisor and storage

Overview

HPE Alletra dHCI radically simplifies infrastructure for every application by reimagining HCI without limitations. Built for business-critical apps and mixed workloads, HPE Alletra dHCI enables IT agility while ensuring apps are always-on and always-fast. VM-centric and AI-driven operations make it effortless, while 99.9999%[2] guaranteed data availability and consistent sub-millisecond latency mean it's ideal for the most demanding apps and workloads. It lowers costs with flexible, independent scaling of compute and storage and industry-leading data efficiency. Finally, HPE Alletra dHCI maximizes agility by unlocking the cloud experience across hybrid cloud. We call it HCI 2.0 as it's HCI without limitations.

software.

- Customers with existing HPE ProLiant servers can extend the asset life and turn the systems into HPE Alletra dHCI gaining automation and unified management for virtual machines.

Features

Intelligently Simple

Free yourself to focus on apps, not infrastructure. Hyperconverged control and HPE InfoSight make it simple for any VM admin to deploy, manage, scale, and support this platform. Self-install in less than 15 minutes, manage exclusively in VMware vCenter, and upgrade transparently to your apps. [1]

Absolutely Resilient

Keep apps running nonstop and fast with a resilient design center and predictive analytics. Sub-millisecond latency and high IOPS for performance-intensive apps and consolidation. 99.9999% availability with automated QOS, advanced data integrity, and data protection that extends to the cloud. [3]

Efficiently Scalable

Eliminate over provisioning and add only the resources needed with the flexibility to independently grow compute and storage, non-disruptively. Store more data per raw terabyte over competitive platforms with industry-leading data efficiency backed by the HPE Store More Guarantee. [2]

[1] HPE Nimble Storage dHCI—Disaggregated Hyperconverged Infrastructure for Business, ESG Technical Validation, June 2019 <https://www.hpe.com/psnow/doc/a00075391enw>

[2] Efficiency at any scale through HPE Store More Guarantee for HPE Nimble Storage <https://www.hpe.com/psnow/doc/a00039975enw>

[3] Based on installed-base data of HPE Nimble Storage

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.

[Advisory & Professional 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.

[Support 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.
- **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

[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

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

GreenLake

[GreenLake](#) is the cloud to run and manage your entire hybrid landscape—private, public, and edge. It helps you to:

- Streamline IT Operations across compute, storage, and networking without the chaos
- Unify and secure data, as you move faster
- Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

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

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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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