HPE GreenLake

HPE Solutions with Qumulo

HPE Apollo 4200 Gen10 Plus 36TB 25Gb TAA-compliant Node for Qumulo (S0D89A)

What's new

- Explore the HPE Alletra Storage Server 4140, newly added to our portfolio, offering up to 1.6 PB capacity per node to meet large archive needs.

- Check out the new 1U HPE Alletra Storage Server 4110 with QLC E3S SSDs, delivering a more economical all-NVMe solution.

- Qumulo Global Namespace provides local access speed to remote files by intelligently caching data at edge locations, eliminating the need for full copies and constant replication across regions.

- Qumulo Nexus unifies data management through a single pane of glass that lets you

Overview

Is your file storage solution not only meeting today's needs but also ready for the challenges of tomorrow? With data being created, stored, and accessed everywhere, power your innovation with a solution that can Scale Anywhere™.

Simplify storage and management of unstructured data with our future-proof, hybrid cloud solution. Built with relentless focus on customer success, HPE Solutions with Qumulo securely delivers what's needed for any enterprise file workload. Gain full control of your data footprint with a single global namespace and management console, optimizing performance, capacity, and cost from core to edge and cloud.

Named 7-time leader in Gartner® Magic Quadrant™ for Distributed File Systems and Object Storage, Qumulo unites with HPE to provide a single point of contact for product support, backed by experts dedicated to your success. Stay ahead of evolving needs and unlock new possibilities with

securely visualize storage usage and centrally manage all your Qumulo instances across all locations.

your data by storing, managing, and curating it at scale, anywhere.

Features

Scale Anywhere™ with Optimal Efficiency

Get unwavering scalable performance from anywhere with a leading hybrid cloud file system, no matter how many files, buckets, and objects you may have. Power all your exabyte-scale, multi-site data storage needs with controlled costs and intelligent management.

With advanced erasure coding intelligence, store with a system that handles small files as efficiently as large ones, letting you store BILLIONS, even TRILLIONS, of files in any location without compromise.

Get the most out of your purchase. Occupy 100% of provisioned capacity without performance or management issues, lowering upfront, operating, and energy costs.

Integrated with HPE's industry-leading data storage servers, we offer solutions to best meet a broad range of needs. Choose from S-XL Hybrid NVMe nodes to suit your budget or go all-in with all-NVMe nodes using PCIe Gen 5 E3.S SSDs to handle the most demanding enterprise workloads.

Ensure a consistent user experience from core to edge and cloud, with native hybrid cloud protocols optimized for the enterprise. Copy, move, and even run on AWS, Microsoft Azure, and private cloud. Seamlessly manage and locate your data to where it drives the most value for your business.

Manage Data and Storage with Ease

Simplify your infrastructure and unlock your data's full potential, wherever it lives. Automate more and manage less with included REST API to reduce TCO, risk, and complexity, freeing up your IT resources. Operate, program tasks, and view real-time analytics – all from a single, intuitive console.

Operate your data across all deployments from a single pane. A unified dashboard lets you easily handle analytics and management, from on-prem to cloud. You don't have to be a storage specialist to administer, monitor, and troubleshoot multi-clustered HPE environments.

Get deeper insights with advanced, real-time analytics on file system and user-level usage patterns, performance, and metadata . Make proactive, informed decisions with capacity/performance planning and HPE platform monitoring to prevent issues.

Seamlessly access your remote files as if they were local. The intelligent Qumulo Global Namespace connects all your files, everywhere through a single data plane — simplifying storage and lowering costs for your globally-distributed workloads.

True multi-protocol (NFS, SMB, S3API,   REST, FTP) support allows you to consolidate both file and object workflows on a single cluster, optimizing costs and simplifying management.

Ensure Security with Excellence by Design

Each layer of our solution is built with end-to-end security to safeguard your most critical assets. With industry-leading embedded security advanced ransomware detection, we prioritize your protection at every level.

Protect your data with full integration with leading data protection and ransomware solutions, including intrusion detection system (IDS) solutions such as Superna and Varonis. Real-time visibility and warnings ensure timely detection and threat containment.

Ensure data integrity and continuous compliance with FIPS 140-2 compliant, AES 256-bit standard encryption for all data at rest running on HPE zero-trust hardware, secured from silicon to cloud. Protect data in transit with standard SMB encryption or krb5p/krb5i security as needed.

Safeguard data against unintentional deletion or overwrites with S3 object lock and versioning. In case of disaster, rely on multi-tier backups and archives with leading backup and recovery systems. Continuous async replication and

cryptographically lockable snapshots enable quick and easy recovery.

Invest in Your Timeless Storage Success

We are dedicated to your success. With whole product support available via direct message and our many timeless storage investment protections, see why HPE Solutions with Qumulo customer satisfaction scores are over 2x higher than offerings from other vendors.

Get direct access to a single point of contact from Qumulo for whole product support via Slack, phone, or email — with responses within minutes. This zero-latency customer success has consistently Net Promoter Scores (NPS) above 70.

Effortlessly swap out old nodes with newer hardware transparently to your end users. Cutting-edge Transparent Platform Refresh lets you protect your investments and keep clusters up to date across multiple generations without the headache of time-consuming and expensive migration.

No need to pay extra for features you want. Licensing is all-inclusive: get everything listed, plus all future features – as long as your subscription is up to date.

Achieve your goals sustainably whether you purchase outright or consume as-a-service with HPE GreenLake Flex, optionally managed for you. Avoid overprovisioning, optimize energy use, and access detailed carbon impact reports.

Technical specifications

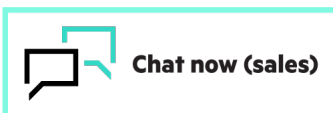### HPE Apollo 4200 Gen10 Plus 36TB 25Gb TAA-compliant Node for Qumulo

Product Number	S0D89A
Capacity	36 TB raw
Host interface	25GbE SFP28
Protocol supported	NFS, SMB, S3 API, FTP
Replication support	Continuous asynchronous replication across clusters
Storage expansion options	Scale-out by adding nodes
Compatible operating systems	Windows®, UNIX®, Linux®
Management features	GUI for intuitive self management, REST API for programmatic management, built-in real-time analytics for visibility and control, directory-based capacity quotas, HPE Integrated Lights Out 5 and Active Health System.
Drive description	9x 4TB SATA LFF LP
Clustering support	4 to 200 nodes per cluster
HD type	2.4 TB of raw NVme flash capacity 4 x 9 TB 6G SATA 7.2K LFF 512e HDD
Snapshot support	Yes
Form factor (fully configured)	2U rack mount
Product dimensions	87.5 x 448.0 x 837.90 mm
Weight	30.4 kg maximum
Warranty	3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response.

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.

Call for availability

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