Overview

Shape the Future of QuickSpecs – Your Input Matters

HPE Solutions with Qumulo

Power your innovation with a unified solution that can Scale Anywhere™. As data is increasingly created, stored, and accessed across diverse environments, HPE Solutions with Qumulo provide a powerful, future-ready platform to simplify and scale unstructured data management—from edge to core to cloud.

This solution delivers a globally consistent file system with a single namespace and centralized management console, enabling you to optimize performance, capacity, and cost across your entire data footprint.

Built for enterprise scale and performance—and backed by a relentless focus on customer success—HPE Solutions with Qumulo integrate Qumulo's software with HPE's industry-leading all-NVMe and hybrid-NVMe flash infrastructure. Easily consume it as-a-service via HPE GreenLake and maintain full control over your data wherever it resides.

Named a 7-time Leader in the Gartner® Magic Quadrant™ for Distributed File Systems and Object Storage, Qumulo and HPE offer a single point of contact for end-to-end product support—delivered by experts dedicated to your success. Stay ahead of evolving needs and unlock new possibilities by storing, managing, and curating your data at scale—anywhere.

What's new

- **New 1U HPE Alletra Storage Server 4210**: Replaces the 4110 with higher-capacity QLC-based models (491TB and 921TB), delivering cost-effective, all-NVMe performance in a compact form factor.
- **Updated HPE Alletra Storage Server 4120**: Replaces HPE Apollo 4200 Gen10 Plus with new high-capacity Hybrid-NVMe models, 288TB, 384TB, 480TB and 576TB, ideal for data intensive workloads.
- **Qumulo Cloud Data Fabric (CDF):** A single, globally consistent file system that can span edge, core, and cloud. Simplify data governance and security while reducing latency and WAN traffic.
- **Qumulo Nexus:** Unify data management with centralized visibility and control. Securely monitor storage usage and manage all Qumulo instances across all locations from a single pane.
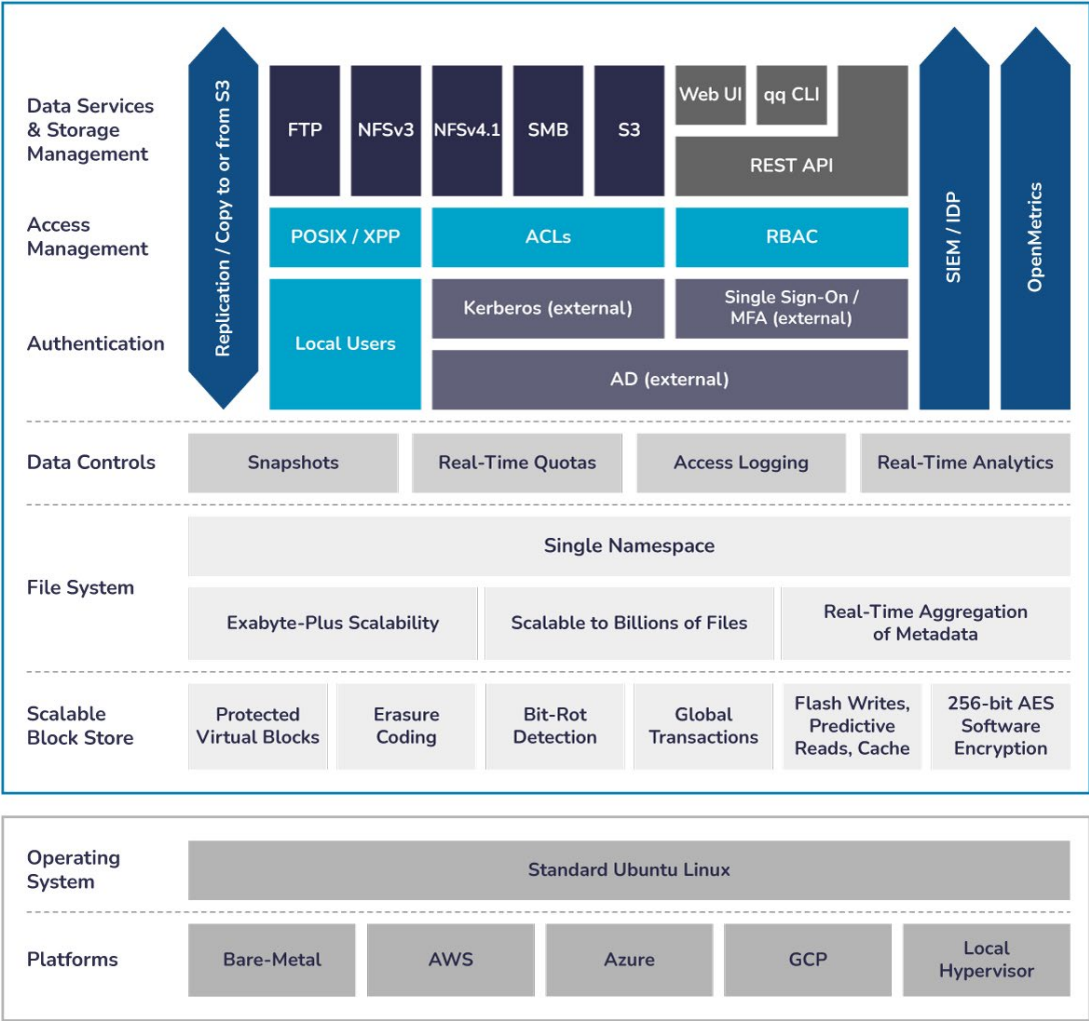
For further information, please consult with your HPE representative

What's Included in the Qumulo Software Subscription

With the HPE Server running Qumulo software, customers gain a density-optimized , rack-mount file storage solution available in 1U or 2U configurations. All-NVMe flash nodes range from 38TB to 921TB while Hybrid-NVMe nodes span from 36TB to 576TB. For large-scale Archive environments a 4U option is available with the HPE Alletra Storage server 4140 offering an ideal balance of density and cost-efficiency.

The Qumulo software license is capacity-based subscription, that includes all listed features and capabilities of the Qumulo Core software— without additional hidden costs—simplifying procurement, ownership, and administration. As an optional enhancement, customers can integrate Qumulo Cloud Data Fabric to unlock expanded capabilities, enabling seamless and efficient dataset collaboration.

Hewlett Packard Enterprise

Overview

Models

HPE Storage Nodes for Qumulo

Description	SKU
HPE Alletra Storage Server 4210 EDSFF Configure-to-order Node for Qumulo	S6D84A
HPE Alletra Storage Server 4110 20EDSFF Configure-to-order Node for Qumulo	S5L99A
HPE Alletra Storage Server 4110 38TB E3S All-NVMe 100Gb TAA-compliant Node for Qumulo	S1R90A
HPE Alletra Storage Server 4110 153TB E3S All-NVMe 100Gb TAA-compliant Node for Qumulo	S1R91A
HPE Alletra Storage Server 4120 24LFF Configure-to-order Node for Qumulo	S5M00A
HPE Apollo 4200 Gen10 Plus 24LFF Configure-to-order Node for Qumulo	S5M01A
HPE Apollo 4200 Gen10 Plus 36TB 25Gb TAA-compliant Node for Qumulo	S0D89A
HPE Apollo 4200 Gen10 Plus 480TB 100Gb Hybrid TAA-compliant Node for Qumulo	S0D94A
HPE Alletra Storage Server 4140 68LFF Configure-to-order Node for Qumulo	S5M02A
HPE Alletra Storage Server 4140 92LFF Configure-to-order Node for Qumulo	S5M03A

Overview

Qumulo 1TB Active Tier Subscription and Support Electronic License to Use (E-LTU)

Description	SKU
Qumulo Active Tier 1TB 1-year Subscription Mission Q Services and Support E-LTU	R0G81AAE
Qumulo Active Tier 1TB 3-year Subscription Mission Q Services and Support E-LTU	R0G83AAE
Qumulo Active Tier 1TB 5-year Subscription Mission Q Services and Support E-LTU	R0G85AAE

Qumulo 1TB General Purpose Tier Subscription and Support Electronic License to Use (E-LTU)

Qumulo General Purpose Tier 1TB 1-year Subscription Mission Q Services and Support E-LTU	R0W31AAE
Qumulo General Purpose Tier 1TB 3-year Subscription Mission Q Services and Support E-LTU	R0W33AAE
Qumulo General Purpose Tier 1TB 5-year Subscription Mission Q Services and Support E-LTU	R0W35AAE

Qumulo Professional Services

Qumulo Installation and Advanced Training Service per Day	R0G89AAE
Qumulo Systems Health Check Service	R0G90AAE
Qumulo Software Initialization and Orientation for Node Add 1-day Remote Professional Service	S5Z56AAE
Qumulo System Health Check 1-day Remote Professional Service	S5Z55AAE

Qumulo for Cloud

Qumulo for AWS Hot Tier 1-year Subscription E-LTU	S5D53AAE
Qumulo for AWS Cold Tier 1-year Subscription E-LTU	S5D54AAE
Qumulo for Microsoft Azure Hot Tier 1-year Subscription E-LTU	S5D55AAE
Qumulo for Microsoft Azure Cold Tier 1-year Subscription E-LTU	S5D56AAE

Qumulo Cloud Data Fabric (CDF)

Qumulo Cloud Data Fabric for Active and General Purpose 1TB 1-month Subscription E-LTU	S6G46AAE
Qumulo Cloud Data Fabric for Active and General Purpose 1TB 1-year Subscription E-LTU	S6G47AAE
Qumulo Cloud Data Fabric for Active and General Purpose 1TB 3-year Subscription E-LTU	S6G48AAE
Qumulo Cloud Data Fabric for Active and General Purpose 1TB 5-year Subscription E-LTU	S6G50AAE
Qumulo Cloud Data Fabric for CNQ AWS Hot 1TB 1-year Committed Pre-payment E-LTU	S6G36AAE
Qumulo Cloud Data Fabric for CNQ AWS Cold 1TB 1-year Committed Pre-payment E-LTU	S6G37AAE
Qumulo Cloud Data Fabric for CNQ Azure Hot 1TB 1-year Committed Pre-payment E-LTU	S6G38AAE
Qumulo Cloud Data Fabric for CNQ Azure Cold 1TB 1-year Committed Pre-payment E-LTU	S6G39AAE
Qumulo Cloud Data Fabric 1TB 1-month Subscription Renewal E-LTU	S6G40AAE
Qumulo Cloud Data Fabric 1TB 1-year Subscription Renewal E-LTU	S6G41AAE

Standard Features

Key benefits of HPE Solutions with Qumulo

Run 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. Pick 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.
- Choose all-NVMe 1U ultra-dense HPE Alletra 4210 data storage servers for performance-demanding workloads. Balance cost and performance on Hybrid-NVMe 2U ultra-dense HPE Alletra Storage Server 4120 or Apollo 4200 Gen10 Plus data storage servers for active and archive workloads. Fulfill very large active archive requirements with the newly added HPE Alletra 4140 data storage servers.
- 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.
- Leverage applications hosted in the cloud using Qumulo SHIFT to copy data to/from Amazon S3. Utilize storage for Kubernetes, using the Qumulo CSI driver to automatically provision persistent storage for K8s clusters. 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 and iLO Restful API support to reduce TCO, risk, and complexity, freeing up your limited IT resources. Easily import analytics data into monitoring applications.
- Operate your data across all deployments from a single, unified console. Qumulo Nexus provides an intuitive cloud management experience, featuring alerts, access control, system health status, software downloads, and firmware management. 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 and bottlenecks.
- Seamlessly access your remote files as if they were local. The intelligent Qumulo Global Namespace connects all your files, workflows, and teams, everywhere through a single data plane — simplifying storage, lowering costs, and increasing security 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. NTFS and POSIX permissions are automatically managed, effectively preserving ACL inheritance.

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.

Standard Features

- 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, Microsoft Teams, phone, or email — with responses within minutes. This zero-latency customer success has consistently earned Net Promoter Scores (NPS) above 70.
- Get additional help with HPE Tech Care Services for a range of support offerings & SLA's: Basic, Essential or Critical. Direct access to HPE product-specific specialists is offered through multiple channels that include phone, chat, automated incident logging, and HPE-moderated forums with defined response times.
- 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. Bi-weekly software releases with quarterly rollups assure that customers get features quickly and without disruption
- Achieve your goals sustainably whether you purchase outright or consume as-a-service with HPE GreenLake Flex, optionally managed for you. Get fast access to data and key applications with a cost-effective, pay-as-you-go platform. Avoid overprovisioning and optimize energy use with access to detailed carbon impact reports.

HPE Alletra 4210 nodes : All-NVMe Flash (Active and General Purpose)				
Specifications (per node)	**38TB All-NVMe Flash Node (S6D84A)**	**76TB All-NVMe Flash Node (S6D84A)**	**153TB All-NVMe Flash Node (S6D84A)**	**307TB All-NVMe Flash Node (S6D84A)**
All-NVMe Disk Drive Capacity (raw)	38TB	76TB	153TB	307TB
NVMe drives	10 x 3.84TB NVMe Gen4 EDSFF (QLC)	10 x 7.68TB NVMe Gen4 EDSFF (QLC)	20 x 7.68TB NVMe Gen4 EDSFF (QLC)	20 x 15.36TB NVMe Gen4 EDSFF (QLC)
CPU	2 x Intel Xeon 6515P (2.4GHz/16-core)			
Memory	128GB (DDR5-6400)		256GB (DDR5-6400)	
Networking Ports	2x HPE Ethernet 100Gb 2-port QSFP28 Adapters (Included – dedicate frontend and backend traffics)			
Management Ports	Dedicated iLO7 1Gb base T(RJ-45) Management Port (Includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)			
Power and Cooling	2 x 1600W N+1 Flex Slot Platinum Hot Plug Low Halogen Power Supply, 7 N+1 system fans shipped as standard			
Form Factor	1U rack mount (short)			

Notes: All specifications are subject to change without notice

Standard Features

HPE Alletra 4210 nodes : All-NVMe Flash (Active and General Purpose)

Specifications (per node)	491TB All-NVMe Flash Node (S6D84A)	921TB All-NVMe Flash Node (S6D84A)
All-NVMe Disk Drive Capacity (raw)	491TB	921TB
All-NVMe Cache Capacity (raw)	25.6TB	32TB
NVMe drives	16 x 30.72TB NVMe Gen5 EDSFF (QLC)	15 x 61.44TB NVMe Gen5 EDSFF (QLC)
CPU	2 x Intel Xeon 6515P (2.4GHz/16-core)	
Memory	256GB (DDR5-6400)	
Networking Ports	2x HPE Ethernet 100Gb 2-port QSFP28 Adapters (Included – dedicate frontend and backend traffics)	
Management Ports	Dedicated iLO7 1Gb base T(RJ-45) Management Port	
Power and Cooling	2 x 1600W N+1 Flex Slot Platinum Hot Plug Low Halogen Power Supply, 7 N+1 system fans shipped as standard	
Form Factor	1U rack mount (short)	

Notes: All specifications are subject to change without notice

HPE Alletra 4110 nodes – Legacy : All-NVMe Flash (Active and General Purpose)

Specifications (per node)	38TB All-NVMe Flash Node (S1R90A & S5L99A)	76TB All-NVMe Flash Node (S5L99A)	153TB All-NVMe Flash Node (S1R91A & S5L99A)	307TB All-NVMe Flash Node (S5L99A)
All-NVMe Disk Drive Capacity (raw)	38TB	76TB	153TB	307TB
NVMe drives	10 x 3.84TB NVMe Gen4 EDSFF (QLC)	10 x 7.68TB NVMe Gen4 EDSFF (QLC)	20 x 7.68TB NVMe Gen4 EDSFF (QLC)	20 x 15.36TB NVMe Gen4 EDSFF (QLC)
CPU	2 x Intel Xeon 4410Y (2.0GHz/12-core) or 4416+ (2.0GHz/20-core)			
Memory	128GB (DDR5-4800)			
Networking Ports	2x HPE Ethernet 100Gb 2-port QSFP28 Adapters (Included – dedicate frontend and backend traffics)			
Management Ports	Dedicated iLO6 1Gb base T(RJ-45) Management Port (Includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)			
Power and Cooling	2 x 800W N+1 Flex Slot Platinum Hot Plug Low Halogen Power Supply, 7 N+1 system fans shipped as standard		2 x 1600W N+1 Flex Slot Platinum Hot Plug Low Halogen Power Supply, 7 N+1 system fans shipped as standard	
Form Factor	1U rack mount (short)			

Notes: All specifications are subject to change without notice

Standard Features

HPE Alletra 4110 nodes – Legacy : All-NVMe Flash (Active and General Purpose)	
Specifications (per node)	**491TB All-NVMe Flash Node (S5L99A)**
All-NVMe Disk Drive Capacity (raw)	491TB
NVMe drives	16 x 30.72TB NVMe Gen4 EDSFF (QLC)
All-NVMe Cache Capacity (raw)	25.6TB
CPU	2 x Intel Xeon 4410Y (2.0GHz/12-core)
Memory	256GB (DDR5-6400)
Networking Ports	2x HPE Ethernet 100Gb 2-port QSFP28 Adapters (Included – dedicate frontend and backend traffics)
Management Ports	Dedicated iLO6 1Gb base T(RJ-45) Management Port
Power and Cooling	2 x 1600W N+1 Flex Slot Platinum Hot Plug Low Halogen Power Supply, 7 N+1 system fans shipped as standard
Form Factor	1U rack mount (short)

Notes: All specifications are subject to change without notice

HPE Apollo 4200 Gen10 Plus nodes: Hybrid NVMe (Active and General Purpose)				
Specifications (per node)	**36TB Node (S0D89A& S5M01A)**	**64TB Node (S5M01A)**	**96TB Node (S5M01A)**	**144TB Node (S5M01A)**
Hard Disk Drive Storage Capacity (raw)	36TB	64TB	96TB	144TB
All-NVMe Cache Capacity (raw)	2.4TB[1]	3.2TB[1]	2.4TB[1]	4.8TB[1]
HDDs	9 x HPE 4TB SATA 7.2K LFF LP MV HDD	16 x HPE 4TB SATA 7.2K LFF LP MV HDD	12 x HPE 8TB SATA 7.2K LFF LP ISE MV HDD	9 x HPE 16TB SATA 7.2K LFF LP ISE MV HDD
CPU	1 x Intel Xeon 4310 (2.1GHz/12-cores/120W)			
Memory	64GB (HPE DDR4Smart Memory)			
Networking Ports	HPE Ethernet 10/25Gb or 100Gb 2-ports (Included – dedicate frontend and backend traffics)			
Management Ports	Dedicated iLO5 1Gb base T(RJ-45) Management Port (Includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)			
Power and Cooling	2 x 800W or 2x 1000W N+1 Flex Slot Platinum Hot Plug Low Halogen Power Supply, 5 N+1 dual-fans modules shipped as standard			
Form Factor	2U rack mount			

Notes: All specifications are subject to change without notice

Standard Features

HPE Alletra 4120 nodes : Hybrid-NVMe (Active and General Purpose)				
Specifications (per node)	**288TB Node (S5M00A)**	**384TB Node (S5M00A)**	**480TB Node (S5M00A)**	**576TB Node (S5M00A)**
Hard Disk Drive Storage Capacity (raw)	288TB	384TB	480TB	576TB
All-NVMe Cache Capacity (raw)	9.6TB[1]	12.8TB[1]	30.72TB[1]	30.72TB[1]
HDDs	24 x HPE 12TB SATA 7.2K LFF LP MV HDD	24 x HPE 16TB SATA 7.2K LFF LP ISE MV HDD	24 x HPE 20TB SATA 7.2K LFF LP ISE MV HDD	24 x HPE 24TB SATA 7.2K LFF LP ISE MV HDD
CPU	2 x Intel Xeon 4510 (2.4GHz/12-cores)			
Memory	128GB (HPE DDR5 - 5600)			
Networking Ports	HPE Ethernet 10/25Gb or 100Gb 2-ports			
Management Ports	Dedicated iLO6 1Gb base T(RJ-45) Management Port (Includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)			
Power and Cooling	2 x 1600W N+1 Flex Slot Platinum Hot Plug Low Halogen Power Supply, 5 N+1 dual-fans modules shipped as standard			
Form Factor	2U rack mount			

Notes:
- [1]This represents the default value, it could vary based on other specifications.
- All specifications are subject to change without notice

HPE Apollo 4200 Gen10 Plus nodes – Legacy : Hybrid NVMe (Active and General Purpose)				
Specifications (per node)	**288TB Node (S5M01A)**	**384TB Node (S5M01A)**	**480TB Node (S0D94A & S5M01A)**	**576TB Node (S5M01A)**
Hard Disk Drive Storage Capacity (raw)	288TB	384TB	480TB	576TB
All-NVMe Cache Capacity (raw)	9.6TB[1]	12.8TB[1]	12.8TB[1]	30.72TB[1]
HDDs	24 x HPE 12TB SATA 7.2K LFF LP MV HDD	24 x HPE 16TB SATA 7.2K LFF LP ISE MV HDD	24 x HPE 20TB SATA 7.2K LFF LP ISE MV HDD	24 x HPE 24TB SATA 7.2K LFF LP ISE MV HDD
CPU	2 x Intel Xeon 4310 (2.1GHz/12-cores/120W)			
Memory	128GB (HPE DDR4Smart Memory)			
Networking Ports	HPE Ethernet 10/25Gb or 100Gb 2-ports			
Management Ports	Dedicated iLO5 1Gb base T(RJ-45) Management Port (Includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)			
Power and Cooling	2 x 1600W N+1 Flex Slot Platinum Hot Plug Low Halogen Power Supply, 5 N+1 dual-fans modules shipped as standard			
Form Factor	2U rack mount			

Notes:
- [1]This represents the default value, it could vary based on other specifications.
- All specifications are subject to change without notice

Standard Features

HPE Alletra 4140 nodes: Large Capacity (Active and General Purpose)			
Specifications (per node)	**960TB Node (S5M02A, min=5 nodes : max=32 nodes)**	**1,28PB (S5M03A, min=5 nodes : max=24 nodes)**	**1.6PB Node (S5M03A, min=5 nodes : max=24 nodes)**
Hard Disk Drive Storage Capacity (raw)	960TB	1,280TB	1,600TB
All-NVMe Cache Capacity (raw)	46TB	61TB	61TB
HDDs	60 x HPE 16TB SATA 7.2K LFF LP MV HDD	80 x HPE 16TB SATA 7.2K LFF LP ISE MV HDD	80 x HPE 20TB SATA 7.2K LFF LP ISE MV HDD
CPU	2 x Intel Xeon 4410Y (2.0GHz/12-cores)		
Memory	256GB		
Networking Ports	HPE Ethernet 10/25Gb 2-ports		
Management Ports	Dedicated iLO6 1Gb base T(RJ-45) Management Port		
Power and Cooling	2 x 1.8-2.2KW Flex Slot Titanium Hot Plug Low Halogen Power Supply		
Form Factor	4U standard depth	4U extended depth	

Notes: All specifications are subject to change without notice

Service and Support

Servers Hardware Warranty

HPE nodes for Qumulo are covered by a global limited warranty and supported by HPE Services and a worldwide network of HPE Authorized Channel Partners resellers. Hardware diagnostic support and repair is available for three years from date of purchase. Support for HPE software and initial setup is available for 90 days from date of purchase. Enhancements to warranty services are available through HPE Services operational services or customized service agreements. Hard drives which are part of the solution, have three year warranty, unless specifically called out as one year warranty. Same for SSDs unless they have hit their DWPD limits. Please refer to the specific drive QuickSpecs for further details.

Notes: Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response. Warranty repairs may be accomplished through the use of Customer Self Repair (CSR) parts. These parts fall into two categories: 1) Mandatory CSR parts are designed for easy replacement. A travel and labor charge will result when customers decline to replace a Mandatory CSR part; 2) Optional CSR parts are also designed for easy replacement but may involve added complexity. Customers may choose to have Hewlett Packard Enterprise replace Optional CSR parts at no charge. Additional information regarding worldwide limited warranty and technical support is available at:

https://www.hpe.com/us/en/search-results.html?page=1&q=servers%20warranty&autocomplete=0.

Qumulo Customer Success Program

Service and Support for the Qumulo File Data Platform products are provided directly by Qumulo. Details on Qumulo's Customer Success Program can be found here: **https://qumulo.com/terms-hub/support-offerings/**

All support cases are assigned a severity by the Qumulo Customer Success team based upon the impact reported by the customer. The initial response time is based on the severity level and is calculated from when the Qumulo Customers Success team first learns about the issue.

For any Qumulo warranty support and generic queries please email: **support@qumulo.com**

HPE Services - Service and Support

No matter where you are in your digital transformation journey, you can count on HPE Services Services to provide the expertise you need, when and where you need it.

HPE Services - Advisory and Professional Services

Our Digital Next Advisory approach can help you identify, prioritize, and implement the right transformation initiatives to create new edge experiences, get real-time insights from all your data, and modernize your IT to enable new opportunities.

HPE File Data Migration Service

Available in conveniently packaged offerings, **HPE File Data Migration Service** is designed to help facilitate the file and object migration process when migrating data to HPE File or Object Storage solutions and provides a fast and flexible way to migrate yourorganization's critical data, while minimizing the impact on your operations. This remotely delivered service is a fixed-scope, fixed- price engagement designed to help you accelerate the process of migration in a timely and cost-effective manner.

Using this service, you can leverage HPE's depth of technical capabilities combined with established HPE migration methodologies,optimally aligning with your organization's requirements, budgets, and timelines. HPE's standardized migration process, utilizing skilled HPE consultants, will leave you confident that even the most critical services are migrated in a controlled and safe manner, allowing you to focus on what's actually important in your organization.

- HPE QuickStart File Data Migration 10TB SVC (H0JD7A1)
- HPE File Data Migration 100TB SVC (H0JD9A1)
- HPE File Data Migration 200TB SVC (H1WU2A1)For more information:

HPE File Data Migration Service Datasheet: **https://www.hpe.com/psnow/doc/4aa6-7249enw?jumpid=in_hpesitesearch**

HPE Advisory & Professional Services: **https://www.hpe.com/us/en/services/consulting.html**

Service and Support

Operational Services
Take your IT operations to the next level with expertise and tools that can help save your staff time, manage complexity, and identify new ways to drive efficiency and effectiveness in your IT.

Recommended Services

HPE Services Tech Care*
Notes: *Minimum required level of support is 3yr Tech Care Basic
HPE Services Tech Care is the new operational service experience for HPE products. Tech Care goes beyond traditional support by providing access to product specific experts, an AI driven digital experience, and general technical guidance to not only reduce risk but constantly search for ways to do things better. HPE Services Tech Care has been reimagined from the ground up to support a customer-centric, AI driven, and digitally enabled customer experience to move your business forward. HPE Services Tech Care is available in three response levels. Basic, which provides 9x5 business hour availability and a 2-hour response time. Essential which provides a 15-minute response time 24x7 for most enterprise level customers, and Critical which includes a 6-hour repair commitment, where available and outage management response for severity 1 incidents.

https://www.hpe.com/h20195/v2/Getdocument.aspx?docname=a00108652enw

HPE Services Complete Care
HPE Services 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 Services Services experts. HPE Services Complete Care provides:
- A complete coverage approach -- edge to cloud
- An assigned HPE team
- Modular and fully personalized engagement
- Enhanced Incident Management experience with priority access
- Digitally enabled and AI Driven customer experience

For more information: **https://www.hpe.com/services/completecare**

HPE Lifecycle Services
Lifecycle Services provide a variety of options to help maintain your HPE systems and solutions at all stages of the product lifecycle. A few popular examples include:
- Installation and Startup Services: Various levels for physical installation and power on, remote access setup, installation and startup, and enhanced installation services with the operating system.
- HPE Service Credits: Access to prepaid services for flexibility to choose from a variety of specialized service activities, including assessments, performance maintenance reviews, firmware management, professional services, and operational best practices.

For a list of the most frequently purchased services using service credits, see the **Universal Service Credits Menu**

Other related services from HPE Services

HPE Education Services
Provides comprehensive training designed to expand the skills of your IT staff and keep them up to speed with the latest technologies.

Defective Media Retention
An option available with HPE Services Complete Care and HPE Services Tech Care and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options

Service and Support

Parts and Materials

Hewlett Packard Enterprise will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements.

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 QuickSpecs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction.

AI Powered and Digitally Enabled Support Experience

Achieve faster time to resolution with access to product-specific resources and expertise through a brand-new digital and data driven customer experience.

Sign into the new HPE Support Center experience, featuring streamlined self-serve case creation and management capabilities with inline knowledge recommendations. You will also find personalized task alerts, and powerful troubleshooting support through a new intelligent virtual agent with seamless transition when needed to a live support agent.

Learn more: **https://support.hpe.com/hpesc/public/home/signin**

HPE Support Services are sold by Hewlett Packard Enterprise and Hewlett Packard Enterprise Authorized Service Partners:
- Services for customers purchasing from HPE or an enterprise reseller are quoted using HPE order configuration tools.
- Customers purchasing from a commercial reseller can find HPE Support Services at **https://ssc.hpe.com/portal/site/ssc/**

Consume IT on your terms

HPE GreenLake brings the cloud experience directly to your apps and data wherever they are—the edge, colocations, or your data center. It delivers cloud services for on-premises IT infrastructure specifically tailored to your most demanding workloads. With a pay-per-use, scalable, point-and-click self-service experience that is managed for you, HPE GreenLake accelerates digital transformation in a distributed, edge-to-cloud world.
- Get faster time to market
- Save on TCO, align costs to business
- Scale quickly, meet unpredictable demand
- Simplify IT operations across your data centers and clouds

Managed services to run your IT operations

HPE GreenLake Management Services provide services that monitor, operate, and optimize your infrastructure and applications, delivered consistently and globally to give you unified control and let you focus on innovation.

Configuration Information

The HPE Alletra All-NVMe 4210, 4110 or HPE Alletra 4120, Apollo 4200 Gen10 Plus Hybrid-NVMe for Qumulo are configured as follows:

Step 1 (please use the HPE Qumulo OCA Wizard for configuring HPE Solutions with Qumulo)

Select nodes (required)
Notes: A minimum of four nodes are required to operate a HPE Qumulo cluster unless specified differently.

Description	SKU
HPE Alletra Storage Server 4210 EDSFF Configure-to-order Node for Qumulo	S6D84A
HPE Alletra Storage Server 4110 38TB E3S All-NVMe 100Gb TAA-compliant Node for Qumulo	S1R90A

Notes: SKU S1R90A includes 2 x HPE Ethernet 100Gb 2-port QSFP28 Adapter(P21112-B21). These network cards cannot be removed and no additional network cards can be added.

HPE Alletra Storage Server 4110 153TB E3S All-NVMe 100Gb TAA-compliant Node for Qumulo	S1R91A

Notes: SKU S1R91A includes 2 x HPE Ethernet 100Gb 2-port QSFP28 Adapter(P21112-B21). These network cards cannot be removed and no additional network cards can be added.

HPE Alletra Storage Server 4110 20EDSFF Configure-to-order Node for Qumulo	S5L99A

Notes: This SKU is used to build the 76TB and 307TB, also with the 38TB and 153TB when options are selected

HPE Alletra Storage Server 4120 24LFF Configure-to-order Node for Qumulo	S5M00A
HPE Apollo 4200 Gen10 Plus 36TB 25Gb TAA-compliant Node for Qumulo	S0D89A

Notes: Includes 1 x HPE Ethernet 10/25Gb 2-ports. This network card cannot be removed and no additional network cards added.

HPE Apollo 4200 Gen10 Plus 480TB 100Gb Hybrid TAA-compliant Node for Qumulo	S0D94A

Notes: Includes 1 x HPE Ethernet 100Gb 2-ports. This network card cannot be removed and no additional network cards added

HPE Apollo 4200 Gen10 Plus 24LFF Configure-to-order Node for Qumulo	S5M01A

Notes: This SKU is used to build the 64TB, 96TB, 144TB, 288TB, 384TB and 576TB, also with the 36TB and 480TB when options are selected

HPE Alletra Storage Server 4140 68LFF Configure-to-order Node for Qumulo	S5M02A

Notes: This SKU is used to build the 960TB.

HPE Alletra Storage Server 4140 92LFF Configure-to-order Node for Qumulo	S5M03A

Notes: This SKU is used to build the 1.28PB and 1.6PB.

Step 1a
Select Network Adapter (only for CTO SKUs), not limited to this list.

Broadcom BCM57414 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P26262-B21
Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P08443-B21
Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	P21112-B21
Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	P25960-B21

Configuration information

Step 2

Select Qumulo Software Subscription and Support E-LTU (required)

Description	SKU
Qumulo Active Tier 1TB 1-year Subscription Mission Q Services and Support E-LTU	R0G81AAE
Qumulo Active Tier 1TB 3-year Subscription Mission Q Services and Support E-LTU	R0G83AAE
Qumulo Active Tier 1TB 5-year Subscription Mission Q Services and Support E-LTU	R0G85AAE

Notes:

- Number of 1TB E-LTUs ordered must match raw capacity of each HPE Node for Qumulo that the E-LTU is installed on. For example, one Alletra 4120 Hybrid-NVMe Node for Qumulo requires a quantity of 480 of R0G81AAE or R0G83AAE or R0G85AAE based on the desired Term.
- E-LTUs R0G81AAE or R0G83AAE or R0G85AAE can only be installed on certified and approved HPE servers listed on tables above.

Description	SKU
Qumulo General Purpose Tier 1TB 1-year Subscription Mission Q Services and Support E-LTU	R0W31AAE
Qumulo General Purpose Tier 1TB 3-year Subscription Mission Q Services and Support E-LTU	R0W33AAE
Qumulo General Purpose Tier 1TB 5-year Subscription Mission Q Services and Support E-LTU	R0W35AAE

Notes:

- Number of 1TB E-LTUs ordered must match raw capacity of each HPE Node for Qumulo that the E-LTU is installed on. For example, one Alletra 4120 Hybrid-NVMe 480TB Qumulo node requires a quantity of 480 of R0W31AAE or R0W33AAE or R0W35AAE.
- E-LTUs R0W31AAE or R0W33AAE or R0W35AAE can only be installed on certified and approved HPE servers listed on tables above.

The Qumulo Customer Success Program is available as part of the Qumulo Subscription. You can contact Qumulo by telephone, Slack, email, or the web site 24x7 to report software or hardware issues. The Qumulo Customer Success team will help you to diagnose and resolve technical problems with your Qumulo cluster.

For more information: **https://qumulo.com/terms-hub/support-offerings/#**

Step 2a

Select Qumulo Cloud Data Fabric Software Subscription

Description	SKU
Qumulo Cloud Data Fabric for Active and General Purpose 1TB 1-month Subscription E-LTU	S6G46AAE
Qumulo Cloud Data Fabric for Active and General Purpose 1TB 1-year Subscription E-LTU	S6G47AAE
Qumulo Cloud Data Fabric for Active and General Purpose 1TB 3-year Subscription E-LTU	S6G48AAE
Qumulo Cloud Data Fabric for Active and General Purpose 1TB 5-year Subscription E-LTU	S6G50AAE
Qumulo Cloud Data Fabric for CNQ AWS Hot 1TB 1-year Committed Pre-payment E-LTU	S6G36AAE
Qumulo Cloud Data Fabric for CNQ AWS Cold 1TB 1-year Committed Pre-payment E-LTU	S6G37AAE
Qumulo Cloud Data Fabric for CNQ Azure Hot 1TB 1-year Committed Pre-payment E-LTU	S6G38AAE
Qumulo Cloud Data Fabric for CNQ Azure Cold 1TB 1-year Committed Pre-payment E-LTU	S6G39AAE

Notes:

- Number of 1TB E-LTUs ordered must match usable capacity of the amount of data shared over Cloud Data Fabric. For example, enabling 30TB of data to be shared over Cloud Data Fabric for 5 years would require the user to purchase S6G50AAE at a quantity of 30.
- Qumulo CDF for CNQ license is offered for both AWS and Azure in both hot and cold data tiers.

Configuration information

Step 3

Select On-Site SSD and HDD Spares (recommended)

Notes: To minimize time to repair for defective SSDs or HDDs it is highly recommended to keep spares of these parts on site. The following formula should be used to determine the number of spares to have on site dependent on the number of nodes installed.

- For HPE Hybrid-NVMe Servers for Qumulo
    - o   4 to 10 nodes of installed – 1 SSD of each type in node and 2 HDDs for the entire cluster
    - o   11 to 20 nodes installed– 1 SSDs of each type in node and 3 HDDs for the entire cluster
    - o   21 to 50 nodes installed – 1 SSDs of each type in node and 4 HDDs for the entire cluster
- For HPE All-NVMe Server for Qumulo
    - o   4 to 10 nodes of installed –1x Data drive for the entire cluster
    - o   11 to 20 nodes installed–2x Data drive for the entire cluster
    - o   > 20 nodes installed –3x Data drive for the entire cluster

With any models and capacity selection through the OCA Wizard, always ensure to verify the spare being offered matches drives in the BOM of the specific HPE Server.

Step 4

Select Network Cables and Transceivers (optional)

Description	SKU
HPE 100Gb QSFP28 to QSFP28 3m Direct Attach Copper Cable	845406-B21
HPE 100Gb QSFP28 to QSFP28 5m Direct Attach Copper Cable	845408-B21
HPE 100GbE QSFP28 SR4 100m Transceiver	Q2F19A
HPE 100GbE QSFP28 LC DR1 500m 1-pack Transceiver	R8M61A
HPE 100Gb QSFP28 Bidirectional Transceiver	845972-B21
HPE 100Gb QSFP28 to QSFP28 7m Active Optical Cable	845410-B21
HPE 100Gb QSFP28 to QSFP28 15m Active Optical Cable	845414-B21
HPE 100Gb QSFP28 to QSFP28 0.5m Direct Attach Copper Cable	R8M59A
HPE Networking X240 100G QSFP28 3m DAC Cable	JL272A
HPE Networking X240 100G QSFP28 1m DAC Cable	JL271A
HPE 25Gb SFP28 to SFP28 0.5m Direct Attach Copper Cable	R4G18A
HPE 25Gb SFP28 to SFP28 1m Direct Attach Copper Cable	R4G19A
HPE 25Gb SFP28 to SFP28 3m Direct Attach Copper Cable	844477-B21
HPE Aruba Networking 100G QSFP28 to QSFP28 7m Active Optical Cable	R0Z27A
HPE Aruba Networking 400G QSFP-DD to 4x QSFP56 100G 3m Active Optical Cable	R9B50A

Configuration information

Step 5

Select Top-of-Rack HPE Aruba Networking Ethernet Switches (recommended: qty=2 for enterprise HA environment)
HPE Aruba Networking Ethernet switch family offers industry-leading, high-bandwidth and the lowest-latency for a cost-effective solution for Server and Storage connectivity. With cost-effective deployment options, 100GbE and beyond connectivity, HPE Aruba Networking fabrics allows for implementing significant speed and architecture upgrades over time.

HPE Aruba Networking switches available with following models:

Description	SKU
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle	JL624A
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU Switch	S4B21A
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bundle	JL626A
HPE Aruba Networking CX 9300S 32p QSFP28 100G 8p QSFP-DD 400G Front-to-Back 6xFan 2xAC TAA Bundle	S0F81A
HPE Aruba Networking CX 9300S 32p QSFP28 100G 8p QSFP-DD 400G Front-to-Back 6xFan 2xAC Bundle	S0F82A
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU Switch	S4B22A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU TAA Bundle	S0G10A

Step 6

Select Qumulo Installation and Advanced Training Service (required)

Description	SKU
Qumulo Installation and Advanced Training Service per Day	R0G89AAE
Qumulo Software Initialization and Orientation for Node Add 1-day Remote Professional Service	S5Z56AAE

Qumulo will evaluate your site to make sure that it's ready to install the Qumulo software on the HPE Servers and hold an onboarding orientation session. Also, trainers will teach the team all about administering an HPE Qumulo cluster. The teachers are experienced storage professionals with a practical, real-world approach. They'll make sure that everyone leaves the class with the skills they need for long-term success with your HPE Qumulo cluster

Notes: R0G89AAE is required for each separate HPE Qumulo cluster to be installed. Up to 10 nodes per cluster can be installed for each R0G89AAE. As an example, for a 25x nodes cluster, it'll require qty=3 of R0G89AAE. In addition, for smaller installation up to 10x nodes only, optional remote installation assistance SKU S5Z56AAE is now available.
Click **here** for further detail.

Step 7

Select Installation Service for HPE Servers for Qumulo (required). Must have the right HPE Servers Installation SKU, specific to the server being selected. Example with the Apollo below.

Description	SKU
HPE Alletra 4xx0 Installation service	HA113A1#V1L
HPE Apollo 2000/4200 Installation Service	HA113A1#5BY or UM857E

Notes: Qty of 1 x HA113A1#5BY or UM875E per each HPE Apollo 4200 node for Qumulo installed

Configuration information

Step 8

Select HPE Support for the HPE nodes for Qumulo (required with DMR: Defective Media Retention)

HPE Services provides a comprehensive portfolio of support services including Tech Care, Tech Care and Complete Care including options for Next Business Day, 24x7 and 6 hour call-to-repair.
For additional information, see the links below.

- **Tech Care datasheet**
- **Complete Care**

Notes: HPE requires aligning the term of the hardware support with the term of the software support. Tech Care Call to Repair with DMR is the recommended service to purchase for HPE Nodes for Qumulo.

Qumulo software renewal and co-term options for installed clusters

Description	SKU
Qumulo Active Tier 1TB 1-year Subscription Mission Q Services and Support Renewal E-LTU	R0G82AAE
Qumulo Active Tier 1TB 3-year Subscription Mission Q Services and Support Renewal E-LTU	R0G84AAE
Qumulo Active Tier 1TB 5-year Subscription Mission Q Services and Support Renewal E-LTU	R0G86AAE
Qumulo General Purpose Tier 1TB 1-year Subscription Mission Q Services and Support Renewal E-LTU	R0W32AAE
Qumulo General Purpose Tier 1TB 3-year Subscription Mission Q Services and Support Renewal E-LTU	R0W34AAE
Qumulo General Purpose Tier 1TB 5-year Subscription Mission Q Services and Support Renewal E-LTU	R0W36AAE
Qumulo Cloud Data Fabric 1TB 1-month Subscription Renewal E-LTU	S6G40AAE
Qumulo Cloud Data Fabric 1TB 1-year Subscription Renewal E-LTU	S6G41AAE

Notes:
– The SKUs above are to renew the Qumulo software subscription and support all HPE Qumulo models.
– Active Tier: The number of 1TB E-LTUs ordered must match the raw capacity of each node that the E-LTU is installed on. As an example one Apollo 4200 Gen10 192TB Node requires 192 x R0G82AAE or R0G84AAE or R0G86AAE depending on renewal term desired.
– General Purpose Tier: The number of 1TB E-LTUs ordered must match raw capacity of each Archive node that the E-LTU is installed on. As an example one Apollo 4200 336TB Archive Node requires 336 x R0W32AAE or R0W34AAE or R0W36AAE depending on renewal term desired.

Qumulo Software Hardware Assurance Subscription and Support 1-month Co-term E-LTU

Description	SKU
Qumulo Active Tier 1TB 1-month Subscription Mission Q Services and Support Renewal E-LTU	R0G88AAE

Notes: This 1-month SKUs is used to co-terminate Qumulo Active Tier (Hybrid & All-NVMe Flash) software subscription license terms on existing models (see list from 1-4 above) when a new node is added to the cluster. As an example, you purchased 4 x HPE Apollo 4200 Gen10 Plus 240TB Hybrid nodes for Qumulo with a 36 month Qumulo Active Tier (Hybrid) software subscription. Six months later you purchase another HPE Apollo 4200 Gen10 Plus 240TB Hybrid node with 36 month Qumulo Active Tier (Hybrid) subscriptions to add to original 4 node cluster. The cluster now has the 4 original nodes with 30 months of Qumulo subscriptions left and 1 node with 36 months of Qumulo subscriptions. You would therefore need to bring all Qumulo subscriptions on the 4 original 240TB nodes back up 36 months, by purchasing 6 x 1TB Active Tier 1-month subscription (R0G88AAE) for each of the original four Apollo 4200 Gen10 Plus 4 x 240TB Qumulo Hybrid nodes.
Please refer to the new OCA Node Expansion Wizard for further configurations.

Configuration information

Description	SKU
Qumulo General Purpose Tier 1TB 1-month Subscription Mission Q Services and Support Renewal E-LTU	R6V53AAE

Notes: This 1-month SKU is used to co-terminate Qumulo General Purpose Tier (Archive) software subscription license terms on existing models (see list from A-C above) when a new node is added to the cluster. As an example, you purchased 4 x HPE Apollo 4200 Gen10 Plus 480TB Qumulo Archive nodes with a 36 month Qumulo General Purpose Tier (Archive) software subscription. Six months later you purchase another HPE Apollo 4200 Plus 480TB Hybrid node with 36 month Qumulo General Purpose Tier (Archive) subscriptions to add to original 4 node cluster. The cluster now has the 4 original nodes with 30 months of Qumulo subscriptions and 1 node with 36 months of Qumulo subscriptions. You would therefore need to bring all Qumulo subscriptions on the 4 original 480TB nodes back up to 36 months, by purchasing 6 x 1TB General Purpose Tier (Archive) 1-month subscription (R6V53AAE) for each of the original 4 x 480TB Qumulo Archive nodes.
Please refer to the new OCA Node Expansion Wizard for further configurations.

Qumulo Health Check Service

Description	SKU
Qumulo Systems Health Check Service	R0G90AAE

Notes: A periodic evaluation of your HPE Solutions with Qumulo deployment ensures that you're getting the most out of your investment. Qumulo can perform a thorough systems health check that will let you know how well your cluster is performing now and the steps you can take to make that performance even better. Qumulo consultants will implement those improvements, and demonstrate the results.

Qumulo for cloud deployments

Moving from on-prem to a hybrid-cloud architecture allows organizations to focus on their core competencies, accelerate innovation, increase data security, build solutions, and reduce costs. Yet, most of the time it's the file storage which remains the last piece of infrastructure on-prem, forcing users to choose between rewriting applications and workflows, and continuing to manage the on-prem infrastructure.

Qumulo is different. How? The enterprise-ready file system runs the same architecture both on-prem and in the cloud, empowering users to run workloads where it makes the most sense whether that's on-prem, in the cloud or as a hybrid-cloud architecture. Qumulo eliminates the need to re-engineer business-critical workflows and applications while simultaneously reducing TCO, enabling users to take advantage of the hundreds of innovative services wherever workloads run.

For Microsoft Azure Native for Qumulo, customer can go directly into the Microsoft Azure portal, search for the service, deploy it. They will automatically become a pay-as-you-go customer

Qumulo for Cloud

Description	SKU
Qumulo for AWS Hot Tier 1-year Subscription E-LTU	S5D53AAE
Qumulo for AWS Cold Tier 1-year Subscription E-LTU	S5D54AAE
Qumulo for Microsoft Azure Hot Tier 1-year Subscription E-LTU	S5D55AAE
Qumulo for Microsoft Azure Cold Tier 1-year Subscription E-LTU	S5D56AAE

Technical Specifications

HPE Alletra 4210 Nodes for Qumulo
For more information on Alletra 4210, see the **QuickSpec**

HPE Alletra 4120 Nodes for Qumulo
For more information on Alletra 4210, see the **QuickSpec**

HPE Alletra 4110 Nodes for Qumulo
For more information on Alletra 4110, see the **QuickSpec**

HPE Alletra 4140 Nodes for Qumulo
For more information on Alletra 4110, see the **QuickSpec**

HPE Apollo 4200 Gen10 Plus Nodes for Qumulo
For more information on Apollo 4200 Gen10 Plus, see the **QuickSpec**

Summary of Changes

Date	Version History	Action	Description of Change
04-Aug-2025	**Version 37**	Changed	Overview and Standard Features Sections were updated - New platforms and capacity models introduction, Configuration Information section was updated – New HPE Aruba Networking SKUs were added. Technical Specifications section was updated – Links with Technical information were updated.
		Added	New SKUs Added - S6D84A, S5M00A, R0Z27A, R9B50A, JL624A, S4B21A, JL626A, S0F81A, S0F82A, S4B22A, S0G10A
07-Jul-2025	**Version 36**	Changed	Overview section was updated - Added information for Qumulo Cloud Data Fabric (CDF) Configuration Information section was updated - New SKUs added
		Added	S6G46AAE, S6G47AAE, S6G48AAE, S6G50AAE, S6G36AAE, S6G37AAE, S6G38AAE, S6G39AAE, S6G40AAE, S6G41AAE
02-Jun-2025	**Version 35**	Changed	Overview and Configuration Information sections were updated.
14-Apr-2025	**Version 34**	Changed	Standard Features section was updated
03-Mar-2025	**Version 33**	Changed	Overview, Standard Features, Service and Support and Configuration Information sections were updated. New product introduction and configuration information were updated
01-Jul-2024	**Version 32**	Changed	Overview, Standard Features, Configuration Information, Technical Specifications sections were updated.
03-Jun-2024	**Version 31**	Changed	Standard Features and Configuration Information sections were updated.
19-Feb-2024	**Version 30**	Changed	Networking product names were updated.
05-Feb-2024	**Version 29**	Changed	Configuration information section was updated HPE Services Rebranding
18-Dec-2023	**Version 28**	Changed	Overview, Standard Features and Configuration Information sections were updated.
21-Aug-2023	**Version 27**	Changed	Overview, Standard Features, Service and Support and Configuration Information sections were updated.
24-Jul-2023	**Version 26**	Changed	Service and Support section was updated
10-Jul-2023	**Version 25**	Changed	Overview, Standard Features Configuration Information, Service and Support Technical Specifications sections were updated.
15-May-2023	**Version 24**	Changed	Overview, Standard Features, Configuration Information, Technical Specifications sections were updated. EoL SKUs removed
03-Apr-2023	**Version 23**	Changed	Overview, Standard Features, Configuration Information, Technical Specifications sections were updated. EoL HPE Apollo 4200 Gen10 for Qumulo
06-Mar-2023	**Version 22**	Changed	Standard Features section was updated
05-Dec-2022	**Version 21**	Changed	Overview, Standard Features, Configuration Information, Technical Specifications sections were updated.
02-May-2022	**Version 20**	Changed	Standard Features, Service and Support and Configuration Information sections were updated.
07-Mar-2022	**Version 19**	Changed	SKU Descriptions were updated
17-Jan-2022	**Version 18**	Changed	Configuration Information section was updated.
04-Oct-2021	**Version 17**	Changed	Spare drive update
15-Sep-2021	**Version 16**	Changed	Service and Support and Configuration Information sections were updated.
02-Aug-2021	**Version 15**	Changed	Overview and Configuration Information sections were updated.
06-Jul-2021	**Version 14**	Changed	HPE ProLiant DL325 Gen10 Plus 291TB All-NVMe Flash Qumulo nodes added
06-Apr-2021	**Version 13**	Changed	Update the AMD processor description, added 7402P
07-Dec-2020	**Version 12**	Changed	HPE ProLiant DL325 Gen10 Plus 34TB and 145TB Qumulo nodes added

Technical Specifications

Date	Version History	Action	Description of Change
02-Nov-2020	**Version 11**	Changed	Update spare drives on the 90TB SKU
06-Jul-2020	**Version 10**	Changed	Overview, Standard Features, Configuration Information, Service and Support Technical Specifications sections were updated.
06-Jan-2020	**Version 9**	Changed	Standard Features and Configuration Information sections were updated.
02-Dec-2019	**Version 8**	Changed	Overview, Standard Features ,Configuration Information and Service and Support sections were updated.
04-Nov-2019	**Version 7**	Changed	Overview, Standard Features, Configuration Information and Service and Support sections were updated.
05-Aug-2019	**Version 6**	Changed	Overview, Standard Features, Configuration Information and Service and Support sections were updated.
03-Jun-2019	**Version 5**	Changed	Configuration Information section was updated.
04-Mar-2019	**Version 4**	Changed	Service and Support Section was updated.
05-Nov-2018	**Version 3**	Changed	Configuration Information section was updated.
01-Oct-2018	**Version 2**	Changed	Overview, Configuration Information, Service and Support and Technical Specifications sections were updated. SKUs were added.
04-Jun-2018	**Version 1**	New	New QuickSpecs

Copyright

Make the right purchase decision.
Contact our presales specialists.

Chat now (sales)

Call now

Get updates

Shape the Future of QuickSpecs – Your Input Matters

Hewlett Packard Enterprise

a00045441enw - 16214 - Worldwide - V37 - 04-August-2025