

HPE PROLIANT XL450 GEN10 400TB SERVER FOR COHESITY DATAPLATFORM (R3R74B)

Storage Solutions for Data Management



WHAT'S NEW

- New HPE ProLiant DL360 G10 Server for Cohesity with 12 TB, 24 TB, and 36 TB capacity options.
- HPE ProLiant DL360 Gen10 Remote Office Branch Office Server for Cohesity (SKU R8S88A).

OVERVIEW

HPE Solutions for Cohesity combines optimized HPE ProLiant or HPE Apollo servers with Cohesity software to deliver a multicloud data platform that provides a comprehensive range of data management services, available on-premises or from the cloud. Although most organizations begin their journeys to overcoming mass data fragmentation by simplifying data

- Available in 8 TB and 14 TB user capacity models.

protection, the HPE and Cohesity solution's flexible architecture allows easy expansion to additional use cases, further increasing operational simplicity and improved TCO.

HPE Solutions for Cohesity are built on the HPE ProLiant DL360 Gen10 Server, DL380 Gen10 Server, Apollo 2000 Gen10 System, 4200 Gen10 System and 4510 Gen10 System.

FEATURES

Simple, Secure, and Efficient Secondary Data and Apps Platform

Web-scale, pay-as-you-grow platform - Eliminate over provisioning, forklift upgrades, data migrations; and reduce TCO with simple, limitless, and non-disruptive performance and capacity expansion.

Built-in security - Be confident with enterprise-grade, built-in safeguards including data segmentation, in-flight and at-rest software-based encryption, immutable snapshots, unlimited zero-cost clones, secure multi-tenancy, role-based access control, and instant ransomware recovery.

Integrated data protection - Remove the need for separate backup software, target storage, dedupe appliances, media servers, tape, and cloud gateways.

Higher throughput and bandwidth capabilities of flash media combined with Cohesity's superior and proprietary space savings technologies mean even fewer licensed nodes required to meet performance and usable capacity needs, making all-flash more cost-effective than ever before.

Built for Cloud

Unified management - Easily control the entire secondary data estate, from edge to core to cloud, with one management GUI and simple policy-based automation.

Seamlessly extend to cloud - Easily bridge from on-premises to public cloud for cost-effective long-term retention, storage tiering, disaster recovery, test/dev, and data mobility with no bolt-on cloud gateways.

Optimizes cloud investment - Reduce time, cost, and network bandwidth for cloud storage with highly efficient global, in-line, variable-length, sliding-window deduplication, and compression.

Make your Secondary Data Productive

Unify file and object stores for improved TCO/ROI—Consolidate siloed file and object data on one, scale-out NAS with simultaneous multiprotocol (NFS, SMB, and S3) access to S3 volumes.

Accelerate application development - Instantly provision zero-cost clones for test/dev environments on-premises or in the cloud. Spin-up new app for test/dev and DR with automatic VM conversion between on-premises and cloud formats. Eliminate unused data copies with unlimited, fully hydrated snaps.

Gain business and operational insights - Automated global indexing, Google™-like search and in-place analytics offers insights into your secondary data estate to help make informed decisions and meet complex compliance requirements.

Meet demanding service level agreements (SLAs) with flash-optimized



performance that speeds data management tasks, particularly for faster metadata-intensive operations such as deduplication and replication, backing up of both small and very large (multi-terabyte) files alike.

Technical specifications

HPE ProLiant XL450 Gen10 400TB Server for Cohesity DataPlatform

Product Number	R3R74B
Host interface	Multiple configurable options, including 10Gb SFP+, 1Gb or 10Gb Base-T and 10/25Gb SFP28
Management features	Multi-cluster global active management, iLO5 server management with iLO Advanced License with 3-year support
Protocol supported	NFS, SMB and S3
Clustering support	Yes, minimum of 3 nodes
Replication support	Replicate data and apps between on-premise and cloud-based Cohesity clusters
Storage expansion options	By adding additional nodes
Compatible operating systems	Windows, Unix, Linux, MacOS
Form factor (fully configured)	included in R3R72A specification
Capacity	400TB raw
Snapshot support	Yes
Smart clone support	Yes
Warranty	3-year parts, 3-year labor, 3-year onsite support with next business day response for HPE hardware, for information on Cohesity software visit www.cohesity.com/support/ .
Product Dimensions (metric)	17.58 x 44.80 x 90.43 cm
Weight	102 kg maximum



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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