HPE StoreOnce Systems

StoreOnce Systems

What's new

- Refreshed HPE StoreOnce appliances including flash enabled hybrid models
- HPE StoreOnce software version 4.3.0

Overview

Is data growth resulting in increased backup times, missed SLAs and more management resources? Are you concerned about the threat from ransomware?

HPE StoreOnce Systems with HPE StoreOnce Catalyst provide a single, high-performance backup architecture that spans the entire enterprise.
Reduce the amount of backup data you need to store by 95% [1] and choose between powerful dedicated appliances for data centers, and flexible virtual appliances for smaller deployments. Industry-leading backup and restore speeds mean that you can meet shrinking backup windows and recovery service level

agreements. HPE StoreOnce Catalyst prevents exposure of backup copies to ransomware. With HPE StoreOnce you can dedupe anywhere and control the movement of data across the enterprise using your backup application. Using HPE Cloud Bank Storage to cloud-enable your current backup and business applications, HPE StoreOnce Systems provide even more flexibility to reduce your cost, risk, and complexity.

Features

Industry-leading, Scalable Architecture from Small and Remote Offices to Enterprise Data Centers

Scalable architecture allows you to pay as you grow. Choose capacity points available through virtual or dedicated appliances that start small and allow you to add capacity as needed.

With a range of capacity points to suit all requirements from small remote offices to enterprise data centers with centralized monitoring and control with federated management.

For enterprise data centers, the HPE StoreOnce 5650 scales from 36 TB to 1.7 PB locally and up to 5.2 PB of total usable storage with HPE Cloud Bank Storage. The new HPE StoreOnce 5660 hybrid appliance scales from 144TB to 1.1PB locally and up to 3.3PB total storage with HPE Cloud Bank Storage.

For mid-size data centers choose HPE StoreOnce 3620, HPE StoreOnce 3640, HPE StoreOnce 5200 or the HPE StoreOnce 5250 to scale from 16 - 864 TB usable.

The new Gen4+ product line has the all HDD HPE StoreOnce 3660 for smaller environments, and the hybrid HPE StoreOnce 5260 for mid-size data centers.

Deduplication Across the Enterprise with a Single Deduplication Technology - HPE StoreOnce

Deduplicate at the application source, the backup server, the target appliance, or directly from HPE 3PAR, HPE Primera, and HPE Nimble Storage via HPE Recovery Manager Central software.

HPE StoreOnce delivers a unified solution for data movement across the enterprise under the control of your data protection application.

HPE StoreOnce enables direct, application integrated backup of Oracle Recovery Manager, SAP HANA®, and Microsoft SQL using no cost Catalyst application plug-ins.

For software defined data protection, choose the HPE StoreOnce VSA, flexibly licensed up to 500 TB and configurable to meet the performance characteristics needed of a variety of environments.

Backup within your Window and Meet your Restore SLAs with HPE StoreOnce Industry Leading Performance

A broad range of best-in-class price/performance points to meet the challenges of data growth and shrinking backup windows across the enterprise.

Up to 105 TB per hour with HPE StoreOnce 5660, or up to 60 TB per hour with HPE StoreOnce 5260.

Up to 25 TB per hour with HPE StoreOnce Gen4+ 3660.

Up to 47 TB per hour with HPE StoreOnce 5650, or up to 41 TB per hour with HPE StoreOnce 5250 and up to 33 TB per hour with HPE StoreOnce 5200.

Up to 18 TB per hour with HPE StoreOnce 3640 and HPE StoreOnce Catalyst or up to 14 TB per hour with HPE StoreOnce 3620.

Automated, Efficient Backup, and Disaster Recovery Operations with HPE StoreOnce Catalyst

Centralized management, alerting, and trending in the GUI via federated management, to enable a single point of management for up to 100 HPE StoreOnce systems.

Manage backup and disaster recovery operations from a single pane of glass with HPE StoreOnce Catalyst, backup and copy is supported over IP and Fibre Channel.

Data efficient copy to HPE Cloud Bank Storage allows disaster recovery solutions that were not previously feasible due to lack of multisite capabilities, cost of bandwidth, and time.

HPE StoreOnce Catalyst one-to-many disaster recovery can move backup data from one site to many sites. Cascaded copy can move data from one site to other sites including the cloud, with HPE Cloud Bank Storage.

Technical specifications HPE StoreOnce Systems

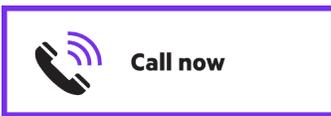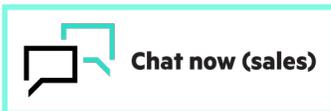|	
Capacity	HPE StoreOnce Gen4: 4 TB starting, 2,240 TB RAW maximum, depending on model HPE StoreOnce Gen4+: 4 TB starting, 1,536 TB RAW maximum, depending on model
Host interface	HPE StoreOnce Gen4: 1 GbE standard, 10 GbE SFP, 10 GbE-T, 16 Gb FC or 32 Gb FC can be added in any configuration up to maximum quantity of four HBAs HPE StoreOnce Gen4+: 10 GbE Base-T OCP adapter card standard, 10 GbE SFP, 10 GbE-T, 16 Gb FC or 32 Gb FC can be added in any configuration up to maximum quantity of four HBAs
Form factor	dependent on model
Product Dimensions (metric)	dependent on model
Weight	dependent on model
Warranty	3-year parts exchange, 3-year labor, 3-year on site, normal business hours, next business day response
Transfer rate	105 TB/hr maximum, depending on model
Tape cartridges emulated (maximum)	16,384 maximum, depending on model and configuration
Drive type	HPE StoreOnce Gen4: HDD: 280 LFF SAS drives, maximum, depending on model 4 TB or 8 TB, depending on model HPE StoreOnce Gen4+: HDD: 96 12G LFF SAS drives, maximum, depending on model, 8 TB, or 16 TB depending on model SSD: 3.2 TB or 6.4 TB MU SSDs for data cache depending on model(only supported on 5260 and 5660)
RAID support	Hardware RAID 5 or 6 depending on model
Replication support	HPE StoreOnce Replication and Catalyst Copy
Storage expansion options	HPE StoreOnce upgrade kits and expansion modules are available for all HPE StoreOnce productions – scalability is dependent on model
Number of virtual tape libraries and NAS targets	192 maximum, depending on model
Tape device emulated	HPE StoreEver LTO-2/LTO-3/LTO-4/LTO-5/LTO-6/LTO-7 Ultrium Tape Drives in HPE StoreEver MSL2024 Tape Library, HPE StoreEver MSL4048 Tape Library, HPE D2D generic library with HPE D2D generic tape library
Deduplication	HPE StoreOnce deduplication
Number of source appliances, maximum	50 maximum per target device, depending on model
Target for backup applications	HPE StoreOnce Catalyst, Virtual Tape Library (iSCSI, FC), and NAS (CIFS, NFS)

[1] Based on standard dedupe ratio of 20:1 as compared to a fully hydrated backup.

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.

Explore **HPE GreenLake**

**Make the right purchase decision.
Contact our presales specialists.**

Find a partner

Chat now (sales)

Call now

Buy now

Share now

Get updates

Hewlett Packard Enterprise