Hewlett Packard Enterprise

HPE STOREONCE 3640 48TB SYSTEM (BB955A)

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 3640 48TB System

Product Number	BB955A
Capacity	48 TB raw, 36 TB useable, expandable to 108 TB useable
Host interface	1 Gb Ethernet 4 ports standard, 10GbE SFP, 10GbE-T, 16 Gb FC or 32 Gb FC optional can be added in any configuration up to maximum quantity of four
Transfer rate	18 TB/hr, maximum using HPE StoreOnce Catalyst
Deduplication	HPE StoreOnce deduplication
Storage expansion options	HPE StoreOnce 3640 48 TB capacity upgrade kit
Replication support	HPE StoreOnce Replication and Catalyst Copy
RAID support	Hardware RAID 6
Number of virtual tape libraries and NAS targets	36
Virtual appliance	No
Target for backup applications	HPE StoreOnce Catalyst, Virtual Tape Library (iSCSI, FC), and NAS (CIFS, NFS)
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
Number of source appliances, maximum	24
Tape cartridges emulated (maximum)	4,096
Form factor	2U up to 6U
Product Dimensions (metric)	8.73 x 44.55 x 73.02 cm
Weight	29 kg
Warranty	3-year parts, 3-year labor, 3-year onsite support coverage. For more warranty information refer to http://h20564.www2.hpe.com/hpsc/wc/public/home.

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.
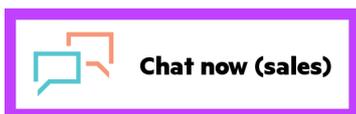
HPE GREENLAKE

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.

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

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