



Hewlett Packard
Enterprise

HPE STOREONCE 5650 BASE SYSTEM (BB959A)

StoreOnce Systems



WHAT'S NEW

- StoreOnce VSA 4.2 adds support for deployment in high availability VMware environments to enable automated VSA failover from a failed host to a standby host when using IP and FC data connections.

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 StoreOnce Catalyst provide a single, high-performance backup architecture that spans the entire enterprise.

You can reduce the amount of backup data you need to store by 95% and choose between powerful dedicated appliances for

larger offices and data centers, and flexible virtual appliances for smaller and remote offices.

Industry leading backup and restore speeds mean that you can meet shrinking backup windows and recovery SLAs. StoreOnce Catalyst prevents exposure of backup copies to ransomware. With StoreOnce you can dedupe anywhere and control the movement of deduplicated data across the enterprise using your backup application. Using Cloud Bank Storage to cloud-enable your current backup and business applications, 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 usable local storage. With Cloud Bank Storage you can scale up to 5.2 PB of total managed usable storage.

For mid-size data centers choose HPE StoreOnce 3620, to scale from 16 - 31.5 TB, StoreOnce 3640 to scale from 36-108 TB, StoreOnce 5200 to scale from 36 - 216 TB or StoreOnce 5250 to scale from 36 - 864 TB usable. All HPE StoreOnce Systems can triple their maximum capacity with Cloud Bank Storage.

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.

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 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 RMAN, SAP HANA, and Microsoft SQL using no cost Catalyst application plug-ins.



Backup within your Window and Meet your Restore SLAs with 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 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 StoreOnce Catalyst

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

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

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

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 Cloud Bank Storage.



Technical specifications

HPE StoreOnce 5650 Base System

Product Number (SKU)	BB959A
Capacity	48 TB raw, 36 TB useable (base plus first upgrade kit) expandable to 1.7 PB useable
Host interface	1 Gb Ethernet 4 ports standard, 10 GbE SFP, 8 Gb Fibre Channel, 16 Gb Fibre Channel optional can be added in any configuration up to a maximum quantity four.
Transfer rate	47 TB/hr, maximum using HPE StoreOnce Catalyst
Deduplication	HPE StoreOnce deduplication
Storage expansion options	HPE StoreOnce 5250/5650 44 or 60 TB capacity upgrade kit
Replication support	Yes - HPE StoreOnce replication
RAID support	Hardware RAID 6
Number of virtual tape libraries and NAS targets	192
Virtual appliance	No
Target for backup applications	HPE StoreOnce Catalyst, Virtual Tape Library (iSCSI, FC), and NAS (CIFS, NFS)
Tape device emulated	HPE LTO-2/LTO-3/LTO-4/LTO-5/LTO-6/LTO-7 Ultrium Tape Drives in MSL2024 Tape Library, MSL4048 Tape Library, HPE D2D generic library with HPE D2D generic tape library
Number of source appliances, maximum	50
Tape cartridges emulated (maximum)	16,384
Form factor	7U up to 22U
Minimum dimensions (H x W x D)	30.83 x 44.7 x 89.12 cm
Weight	107 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 .



For additional technical information, available models and options, please reference the [QuickSpecs](#)

HPE POINTNEXT

Access expertise at every step of your IT journey with [HPE Pointnext Services](#). [Advisory Services](#) focuses on your business outcomes and goals, to design your transformation and build a roadmap tuned to your unique challenges. Our [Professional](#) and [Operational Services](#) help speed up time-to-production and keep your IT stable and reliable.

Operational Services from HPE Pointnext Services

- [HPE Datacenter Care](#) helps modernize and simplify IT operations. Partner with an assigned account team, access technical expertise, an enhanced call experience gives you priority access, choose hardware and software support, implement proactive monitoring to help stay ahead of issues, and access HPE IT best practices and IP.
- [HPE Proactive Care](#) offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). [Read more](#)
- [HPE Foundation Care](#) helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. [Read more.](#)

Other related services

[Defective Media Retention](#) is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

[HPE Service Credits](#) offers a menu of technical services, access additional resources, and specialist skills.

[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.

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](#).

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**

© Copyright 2021 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

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.

Microsoft® is a U.S. registered trademark of Microsoft Corporation.

VMware® is a registered trademark of VMware, Inc. in the United States and/or other jurisdictions.

NetBackup™ is a trademark of Symantec Corporation in the U.S. and other countries.

Oracle® is a trademark of Oracle Corporation in the U.S. and other countries.

Hyper-V® is a registered trademark of Microsoft Corporation in the United States and other countries.

Backup Exec is a trademark of Oracle Corp.

Symantec is a trademark of Symantec Corp.

Image may differ from the actual product
[PSN1011014658USEN](#), January, 2021.