

HPE StoreOnce Systems

HPE StoreOnce 5660 Base System (R6U04A)



What's new

- HPE StoreOnce appliances including flash-enabled hybrid models.
- HPE StoreOnce software version 4.3.4.
- New EU Lot 9 compliant expansion enclosures for Gen4.

Overview

Is data growth resulting in increased backup times, missed service-level agreements (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 SLAs. HPE StoreOnce Catalyst prevents exposure of backup copies to ransomware. With HPE StoreOnce you can dedupe anywhere and control the data movement 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 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 5660 Base System

Product Number	R6U04A
Capacity	192 TB raw, 144 TB useable, expandable up to 1.1 PB useable
Host interface	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	4U up to 18U
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

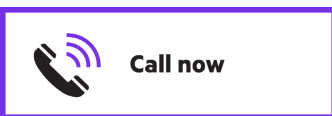
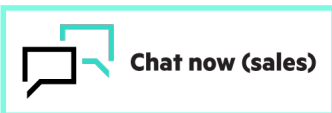
[1] Based on standard dedupe ratio of 20:1 as compared to a fully hydrated backup.



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

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HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Consulting services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

The Defective Media Retention (DMR) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. Comprehensive Defective Material Retention (CDMR) allows you to keep all data retentive components.

HPE GreenLake

HPE GreenLake edge-to-cloud platform is HPE’s market-leading 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, 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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