HPE StoreOnce Systems

HPE StoreOnce 3660 80TB Base System (R6U02A)

What's new

- HPE StoreOnce 7700—A new Gen5 system with the performance, up to 300 TB/hr, to meet the most demanding cyber protection requirements and support additional value-add workloads.
- HPE StoreOnce 5720—A new Gen5 system with a unique balance of performance, up to 70 TB/hr, and scalability, up to 576 TB, for cost-efficient enterprise data protection.
- HPE StoreOnce 3760—A new Gen5 system with the capacity, up to 216 TB, and performance to meet mid-size protection requirements.
- HPE StoreOnce 3720—A new Gen5 system with a low entry point, 18 TB, and performance and easy scalability to meet the needs of small and/or branch locations.
- Improved efficiency—All HPE StoreOnce Gen5 models require up to 80% less rack space and up to 29% less power than the previous generation models, with their single-chassis design.
- HPE StoreOnce OS 5.2 with multiple enhancements and integrated data

Overview

Your data needs to be protected against cyberattacks, ransomware, user error, infrastructure outages, and natural disasters. This is what HPE StoreOnce Systems are built for with data protection solutions to protect data in on-premises and cloud environments. HPE StoreOnce Systems deliver high-speed backup and flexible copy options to create robust restore points that enable you to restore your data fast and efficiently when you need it. Using HPE StoreOnce patented deduplication technology reduces the amount of backup data you store by up to 98%. [1] You can deploy purpose-built systems and flexible virtual appliances. Both deliver industry-leading backup and restore speeds to meet backup windows and restore SLAs. The HPE StoreOnce Catalyst technology enables you to use the backup application of your choice for secure and flexible data protection. HPE Cloud Bank Storage connects to object storage to increase available capacity and lower the cost of long-term backup data retention.

protection for HPE Alletra Storage MP B10000 and HPE SimpliVity.

Features

Industry-leading, Scalable Architecture for Small and Remote Locations to Enterprise Data Centers

Scalable architecture delivered as dedicated hardware appliances and virtual appliances with capacity points that start small and allow you to increase capacity when the amount of data you need to protect increases.

For the fastest performance, the HPE StoreOnce 7700 can backup data up to 300 TB/hour and enables high speed restores.

For enterprise data centers, the HPE StoreOnce 5720 combines scale, from 144 TB to 576 TB and performance, up to 70 TB/hour.

For smaller deployments and mid-size data centers, the HPE StoreOnce 3760 scales from 108 TB to 216 TB while the HPE StoreOnce 3720 is perfect for smaller environments with a starting capacity of 18 TB.

Federated management allows multiple HPE StoreOnce Systems to be managed from a single console.

High Performance HPE StoreOnce Data Deduplication Technology

Deduplicate backup data at the application source to increase performance and reduce network bandwidth utilization.

Use a backup application such as Commvault, NetBackup, or Veeam, with HPE StoreOnce Catalyst integration for flexible backup data placement and retention.

Integrated protection enables direct backup of HPE Alletra Storage MP B10000 snapshots to HPE StoreOnce 3720, HPE StoreOnce 3760, HPE StoreOnce 5720, or HPE StoreOnce 7700.

No cost HPE StoreOnce Catalyst application plug-ins for Oracle®, SAP HANA®, and Microsoft SQL Server enable direct application-integrated backup to HPE StoreOnce Systems.

Configure the software defined HPE StoreOnce VSA to deliver the performance and capacity requirements of your backup environment.

Finish within your Backup Window and Meet your Restore SLAs with Industry-leading Performance

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

Up to 300 TB per hour with the all-SSD HPE StoreOnce 7700, or up to 70 TB/hour with the cost effective HPE StoreOnce 5720.

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

HPE StoreOnce Catalyst is a data protection optimized interface unique to HPE StoreOnce Systems that provides higher performance and more flexible control than traditional emulated tape (VTL) targets or NAS shares.

HPE StoreOnce Catalyst is integrated with leading backup applications, enables direct backup of HPE Alletra Storage MP B10000, is available in HPE StoreOnce Catalyst application plugins and is integrated with HPE SimpliVity protection.

HPE StoreOnce Catalyst backup, restore and copy over Ethernet (iSCSI) and Fibre Channel networks.

HPE Cloud Bank Storage is an extension of the HPE StoreOnce Catalyst capabilities, enabling disaster recovery solutions that were previously unfeasible due to lack of multisite capabilities, cost of bandwidth, and time.

HPE StoreOnce Catalyst backup options include one-to-many, many-to-one, and multi-hop so your recovery points are where they are needed, on-premises or in the cloud, to protect your organization's data and meet your regulatory requirements.

Technical specifications	HPE StoreOnce 3660 80TB Base System
Product Number	R6U02A
Virtual appliance	No
Drive type	10 x 8TB LFF SAS
Capacity	80 TB raw, 56 TB useable, expandable to 200TB useable
Transfer rate	25 TB/hr, maximum using HPE StoreOnce Catalyst
Deduplication	HPE StoreOnce deduplication
Storage expansion options	HPE StoreOnce 3660 96TB Upg Kit
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
RAID support	All data disks are protected with RAID 6
Replication support	HPE StoreOnce Catalyst Copy enables n to 1, 1 to n and multi-hop copies. For backup using virtual tape (VTL) or file (NFS, SMB) access, StoreOnce replication is available.
Target for backup applications	HPE StoreOnce Catalyst is the most flexible and highest performing method to connect to HPE StoreOnce Systems. For connection to applications that do not have a Catalyst integration, virtual tape (VTL) and file (NFS, SMB) access is available.
Tape device emulated	HPE StoreEver LTO-2/LTO-3/LTO-4/LTO-5/LTO-6/LTO-7 Ultrium Tape Drives in HPE Storage MSL2024 Tape Library, HPE StoreEver MSL4048 Tape Library, HPE D2D generic library with HPE D2D generic tape library
Number of virtual tape libraries and NAS targets	Up to 128 (depends on model)
Tape cartridges emulated (maximum)	4096
Number of source appliances, maximum	24
Form factor	2U up to 6U
Warranty	3-year parts exchange, 3-year labor, 3-year on site, normal business hours, next business day response
Shipping weight	27.93 kg
Shipping dimensions	58.42 x 98.2 x 24.13 cm

[1] Based on a typical dedupe ratio of 60:1 as compared to a full backup.

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.

Advisory & Professional 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.

Support 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.

— **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

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

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

GreenLake

GreenLake is the cloud to run and manage your entire hybrid landscape—private, public, and edge. It helps you to:

— Streamline IT Operations across compute, storage, and networking without the chaos

— Unify and secure data, as you move faster

— Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

For additional technical information, available models and options, please reference the QuickSpecs

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