

# All flash and no compromise

## HPE 3PAR StoreServ 8200 All-Flash Starter Kit

Get all-flash array performance at an incredibly low entry cost that provides investment protection, scalability, and rich data services

### Affordable

Cut capacity requirements by 75 percent with data compaction technologies<sup>1</sup>

### Effortless

Autonomic management means your array is self-configuring, self-provisioning, and self-optimizing

### Future-proof

Scales to 1.3 PB of usable flash capacity, protected by a **5-year warranty on all SSDs** and backed by three years of HPE Proactive Care 24x7 support

### Looking for an all-flash array at the lowest cost?

HPE 3PAR StoreServ 8200 All-Flash Starter Kit gives you an incredibly affordable entry point for flash performance without limiting your scalability, functionality, or data mobility. The flash-optimized HPE 3PAR StoreServ Storage architecture is now available at an incredibly low starting price that includes everything you need in one easy package.

The all-flash starter kit gives you an HPE 3PAR StoreServ 8200 Storage array with 11.5 TB of usable capacity,<sup>2</sup> HPE 3PAR Operating System Software Suite—including HPE 3PAR Thin Provisioning, HPE 3PAR Thin Conversion, HPE 3PAR Thin Persistence, HPE 3PAR Thin Deduplication, and HPE 3PAR Thin Clones software—Virtual Copy Software, three years of HPE Proactive Care 24x7 support, and a one year license for HPE 3PAR Online Import software.

With HPE 3PAR Online Import software license, you can perform simple and painless data migration from HPE EVA, EMC Storage arrays, or Hitachi Data Systems (HDS) Storage arrays<sup>3</sup> to your new all-flash array.

This low-cost package is ideal for accelerating small- to mid-size online transaction processing (OLTP) and database environments as well as virtual desktop infrastructure (VDI) deployments with up to

500 users. See for yourself the performance difference that an all-flash array can bring to your applications by taking advantage of this absolute low-cost entry point for flash.

### Flash-optimized performance without the flash price tag

Say goodbye to the performance bottlenecks that can choke hybrid and all-flash systems that have been retrofitted to accommodate solid-state drives (SSDs). The HPE 3PAR StoreServ 8200 All-Flash Starter Kit features the same flash-optimized architecture as the entire family of HPE 3PAR StoreServ Storage arrays—including cache handling enhancements and system-wide striping to deliver over 75,000 IOPS and sub-millisecond response times. Performance is also scalable to 320,000 IOPS.

Accelerate applications where milliseconds of latency make a difference. Gain real-time insights that can reduce business decisions to minutes or hours instead of days or weeks. Cut your system capacity requirements by half or more with silicon-based zero detection and HPE 3PAR Thin Technologies. Get more from your flash capacity with features that extend flash-based media lifespan such as Adaptive Sparring, Adaptive Writes, and Thin Deduplication. Protect your flash capacity investments with a 5-year warranty on all SSDs.

<sup>1</sup> Based on the use of data compaction technologies including thin provisioning and inline deduplication.

<sup>2</sup> Based on minimum configuration of eight 480 GB SSDs with a raw capacity of 3.8 TB.

<sup>3</sup> HPE 3PAR Online Import support for Hitachi Storage systems extends to Hitachi Data Systems (HDS) TagmaStore Network Storage Controller (NSC), Universal Storage Platforms (USP), and Virtual Storage Platforms (VSP) Storage systems.

## Simple scalability

HPE 3PAR StoreServ 8200 All-Flash Starter Kit is right-sized to accelerate your current applications, but easily scales to 434 TB of raw capacity or 1.3 PB of usable capacity with the use of HPE 3PAR Thin Deduplication software which is included with your kit.<sup>4</sup> Scaling your array is simple and non-disruptive to applications, and Autonomic Rebalancing capabilities that come in-built with the array make sure that you are able to make excellent use of those capacity expansions.

Also included in the starter kit, HPE 3PAR Virtual Copy software provides you with instant, point-in-time copies so you can share and protect data from any application, simply and affordably. The inclusion of HPE 3PAR Thin Clones software lets you instantly create non-duplicative virtual machine (VM) clones for Microsoft® Hyper-V and VMware® ESXi.

The HPE 3PAR Operating System Software Suite includes HPE 3PAR System Reporter software to enhance your system visibility and give you robust reporting capabilities.

Additional HPE 3PAR Software Suites can be added to the all-flash starter kit as needed. These additional suites include:

**HPE 3PAR Replication Software Suite** to help you protect your applications, your data, and your business from the unpredictable. You get simple, fast, and economical data protection, transparent failover, and disaster recovery.

**HPE 3PAR Data Optimization Software Suite** enables the efficient placement of data and workloads either within the array or between arrays without impacting applications, users, or services.

**HPE 3PAR Security Software Suite** lets you segregate access and deliver robust storage services for different applications and user groups with additional security attached to the retention of storage volumes.

**HPE StoreOnce Recovery Manager Central** Provides a converged availability and flat backup service that augments traditional backup processes. With this automated, non-intrusive software, the simplicity and performance of local and remote snapshots can be combined with the reliability and cost-effective retention of deduplicated backups.

**HPE 3PAR File Persona** Enables a rich set of file protocols, file data services, and an Object Access API (REST) to extend the spectrum of primary storage workloads natively addressed by HPE 3PAR StoreServ Storage Systems. With this solution, the architectural benefits of HPE 3PAR StoreServ Storage can be extended to the following use cases: enterprise file sync and share; home directory consolidation; group/corporate shares; and custom cloud applications.

**HPE 3PAR Application Software Suite** is available for Microsoft Hyper-V, Microsoft Exchange, Oracle, and SQL Server to help you tune your all-flash starter kit to business applications and improve agility.

## One architecture, one OS, one platform to manage

With the HPE 3PAR StoreServ 8200 All-Flash Starter Kit, you get the same effortless, efficient, bulletproof, and future-proof storage platform shared by the entire HPE 3PAR StoreServ Storage family. The same common operating system, consolidated user interface, and rich set of data services are shared across the entire HPE 3PAR StoreServ Storage family—regardless of model. With a range of models that bring tier-1 data services to the midrange, deliver all-flash array performance for the cost of spinning disk, and provide mission-critical resiliency and quality of service (QoS), HPE 3PAR StoreServ Storage is the only primary storage platform you may ever need to invest in.

Learn more at  
[hp.com/go/3PARStoreServ](http://hp.com/go/3PARStoreServ)

<sup>4</sup> Based on 25 percent overhead and 4:1 compaction



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