



HPE and StorONE

**HPE ProLiant servers and
StorONE Data Storage Platform**

Working together. Accelerating results.

A new style of partnering

Hewlett Packard Enterprise and StorONE are collaborating in a fresh new way to bring increased value to customers like you.

We know that acquiring technology is only the first step in achieving a business goal. The technology pieces need to work together. They need to be tested. They need to provide rich functionality, quickly and effectively, so you can concentrate on your business needs.

To help satisfy these needs, StorONE is a member of the HPE Partner Ready for Technology Partner Program, an industry-leading approach to supply sophisticated integrated technologies in a simple, confident, and efficient manner.

StorONE has access to the right tools, processes, and resources to help our joint customers accelerate innovation and transformation that brings value, achieves business needs, and increases revenue and market share.

Product overviews

StorONE Data Storage Platform (S1)

The StorONE Data Storage Platform (S1) is an enterprise-class solution designed to deliver consistent, secure, efficient storage across workloads. It supports simultaneous multi-protocol operation: block (iSCSI, NVMe-oF, Fibre Channel), NAS (NFS, SMB), and object storage (S3), as well as other protocols such as InfiniBand, allowing consolidation of applications onto ONE system and simplifying infrastructure.

Patented vRAID technology provides ultra-fast rebuilding for hard disk drive (HDD) and flash, dramatically reducing risk during drive failures. Encrypted volumes by software or self-encrypting drive (SED) help ensure continuous access and security. Performance remains consistent and predictable under demanding workloads.

Smart AI auto-tiering combines solid-state drive (SSD) speed with HDD economics, making S1 ideal for backup systems seeking shorter windows, video surveillance requiring rapid ingestion with long-term retention, and medical imaging with massive datasets. It also delivers all-flash performance for virtualized servers, databases, and AI training while benefiting from tiering efficiency.

Validated with HPE ProLiant DL family servers with AMD and Intel® processors, S1 helps ensure hardware flexibility, high availability, and a future-ready, software-defined foundation for the AI era.

¹“How you can win the game of enterprise storage,” StorONE.

HPE ProLiant Gen11

HPE ProLiant Gen11 servers provide intuitive, trusted, and optimized compute resources, ideally suited for a range of modern workloads, including AI, analytics, cloud-native applications, graphic-intensive applications, machine learning, Virtual Desktop Infrastructure (VDI), and virtualization.

HPE ProLiant next-gen servers built with 4th Gen Intel® Xeon® Scalable processors provide compute solutions to power hybrid environment from the edge to the cloud.

Optimized for HPE GreenLake, the console provides simple, unified, and automated capabilities, so customers can control their compute environment with global visibility and insight.

Company overviews

About StorONE

StorONE is one of the most efficient enterprise storage platforms built for the AI era. It addresses dual challenges of modern enterprises: enabling real-time analytics and AI on massive datasets while providing greater protection with built-in ransomware recovery.

StorONE offers complete deployment flexibility: on-premises, cloud, or across hybrid environments. Organizations gain freedom to evolve storage strategy without disruption.

StorONE, a true software-only architecture that reduces hardware needs while increasing efficiency. Competitors add costly layers, while StorONE delivers enterprise-class capabilities in software, reducing costs, simplifying operations, lowering carbon footprint, and mitigating vendor lock-in.

Four pillars of StorONE efficiency:

- **Data protection:** Direct-to-disk writes with cacheless architecture, flexible per-volume erasure coding, and more than 100,000 immutable snapshots per volume for resiliency and ransomware defense.
- **Hardware flexibility:** Supports any CPU, drive type, or network card, offering ROI and extended infrastructure lifecycles.
- **Platform:** ONE platform supports block, file, and object workloads on a single HPE based cluster, consolidating performance-sensitive and capacity-intensive applications.
- **Economic:** Smart AI auto-tiering combines flash and HDD, cutting costs by up to 60% while driving 95% utilization.¹

These efficiencies deliver business value: faster backups with affordable long-term retention, video surveillance with performance and cost-effective archiving, medical imaging with secure, scalable storage, and high performance environments for AI and virtualization.

Together, StorONE and HPE deliver unmatched performance, protection, and economics in ONE platform.

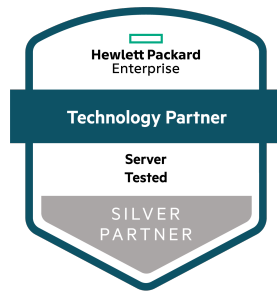
About HPE

HPE is a leader in essential enterprise technology, bringing together the power of AI, cloud, and networking to help organizations achieve more. As pioneers of possibility, our innovation and expertise advance the way people live and work. We empower our customers across industries to optimize operational performance, transform data into foresight, and maximize their impact. Unlock your boldest ambitions, with HPE. Discover more at HPE.com.

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