



HP Simplifies Storage for SMBs

New solutions for a Converged Infrastructure

Overview

[HP Converged Infrastructure](#) provides a blueprint for deploying technology to achieve new levels of integration. As a result, small and midsize businesses (SMBs) can simplify these environments to provide more flexibility in responding to business changes and cost less to manage. With an HP Converged Infrastructure, SMBs can spend more resources focused on driving innovation and less on managing their IT environment.

HP continues to strengthen and advance its portfolio for implementing a Converged Infrastructure with new shared storage solutions that enable SMBs to improve productivity and enhance data protection.

HP's new standards-based solutions allow SMBs to consolidate storage capacity, creating a unified resource pool that simplifies data management across the organization. They also deliver reliable backup capabilities for data protection.

HP StorageWorks X310 Data Vault

Designed for SMBs with limited IT staff, the new HP StorageWorks X310 Data Vault simplifies the storage, protection and sharing of data. Client benefits include:

- Increased productivity with a user-friendly interface based on the Microsoft Windows® Home Server operating system for installation and management simplification.
- Greater flexibility with internal expansion of up to 7 terabytes (TB) and up to 15 TB when connecting the solution to external disk drives using the eSATA and four USB ports. Clients can share local and remote files through a custom URL that is accessible from any web browser for improved collaboration.
- Enhanced protection by replicating critical files and controlling user access to prevent data theft or data alteration. The X310 Data Vault provides daily automated backup for up to 10 PC clients in addition to Macs, allowing single or multiple files to easily be restored.

HP StorageWorks X1000 Network Storage Systems

The enhanced HP StorageWorks X1000 Network Storage System enables SMBs to improve productivity and reduce total cost of ownership (TCO) by merging groups of

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direct-attached storage into a single easy-to-use shared network storage platform. Client benefits include:

- Improved business collaboration with the enhanced HP Automated Storage Manager (ASM) software. This solution allows clients to share files in a third of the time needed by previous generations.⁽¹⁾ It also delivers automated tools based on industry-established best practices for storage set-up and data migration, eliminating the need for an IT expert.
- Increased resource utilization with double the capacity in half the footprint of previous generations at a 44 percent lower price.⁽²⁾ Using file deduplication, this solution improves storage efficiency by eliminating redundant copies of data across desktops and servers.
- Simplified integration into existing Windows environments as the X1000 is built on the Windows platform. HP also offers a tower solution that is ideal for SMBs and enterprise branch offices that do not have the resources to invest in a rack server enclosure.

HP StorageWorks P2000 G3 Modular Smart Array (MSA) System

The new HP StorageWorks P2000 G3 SAS MSA System is a high-performance solution that enables SMBs and enterprise departmental or remote offices to easily manage and protect data. Client benefits include:

- Improved application availability and performance with the latest 6-Gigabit (Gb) Serial Attached SCSI (SAS) technology, providing double the storage capacity and data throughput compared to previous generations.⁽³⁾
- Increased data protection with HP StorageWorks 2000 Modular Smart Array Snapshot software, which automatically replicates snapshots of data to a different set of disks within the array. The solution also includes the HP Volume Copy license to ensure critical data remains accessible in the event of failure.
- Reduced costs by consolidating data into a shared storage pool that does not require additional IT personnel to run the storage area network (SAN).

Additionally, SMB clients deploying a SAN for the first time can take advantage of two new starter kits for HP StorageWorks P2000 G3 MSA Fibre Channel (FC) SAN. These kits simplify the ordering process and speed implementation with prepackaged hardware and software components. They feature the latest 8Gb FC technology to easily expand the SAN environment to nearly 200 TB.

More information about HP's new SMB storage solutions is available at www.hp.com/go/whatsnewforsmbstorage.

Pricing and availability⁽⁴⁾

The HP StorageWorks solutions are currently available with U.S. list prices starting at:

- HP X310 Data Vault⁽⁵⁾ \$549



— HP X1000 Network Storage Systems	\$3,512
— HP P2000 G3 SAS MSA Dual Controller Arrays	\$8,970
— HP P2000 G3 MSA FC SAN Starter Kits	\$16,500

- (1) The updated Automated Storage Manager software enables file sharing in 20 minutes or less, compared to previous generation that required 60 minutes.
- (2) Comparing the new X1800 Network Storage System with the previous X1800 model.
- (3) Compared to the HP StorageWorks MSA array based on 3Gb SAS technology.
- (4) Estimated U.S. list prices. Actual prices may vary.
- (5) Currently available only in the United States and Canada.