



HP StorageWorks 9100 Extreme Data Storage System

The HP StorageWorks 9100 Extreme Data Storage System (ExDS9100) delivers multi-petabyte storage capacity through an architecture designed for extreme scalability, affordability and manageability. By significantly reducing cost and simplifying management of massive amounts of data, the ExDS9100 enables customers to drive incremental revenue opportunities.

Target industries

- Large enterprises involved in medical imaging and analysis, genome research, security and surveillance, and energy exploration (oil and gas)
- Web 2.0 companies with online social communities and content sharing programs
- Digital media businesses such as photo sharing and finishing services, streaming video services, music and ring tone services, and digital animation

Key benefits and features

Scalability:

- A single system scales up to 820 terabytes with multi-petabyte systems available through additional software or open source tools.
- Storage capacity and performance scale independently with upgrades for:
 - Storage blocks, including 82 serial-attached SCSI (SAS) drives in seven-rack unit space and RAID 6 protected with dual SAS controllers. The SAS switch delivers an always-on infrastructure that requires no additional external switches.
 - Performance blocks, which include blade servers, memory, storage mezzanine card, Linux operating system and HP software. Each block provides 200 megabytes per second of raw performance.
 - HP BladeSystem enclosures, which easily scale from four to 16 blades to produce up to 3.2 gigabytes per second of raw performance.

Affordability:

- Increasing hardware density reduces power and cooling costs.
- Industry-leading price per terabyte and terabyte per cubic foot minimizes capital outlays for equipment.

Manageability:

- Simple to deploy with a single graphical interface that makes managing petabytes of

storage easy.

- Unnecessary software tier eliminated as applications run directly on the server block.

Availability

The HP ExDS9100 is expected to be available in the fourth quarter of 2008.

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