

REDUCE YOUR STORAGE CAPACITY REQUIREMENTS BY AT LEAST 50%

HPE XP8 Compression Guarantee Program

Everyone's data is a little different

Want to know more on the impact of HPE XP Storage data reduction technologies in your environment?

Find out how HPE XP Storage arrays can simplify your storage and workload environment while reducing the cost and footprint of storage with an assessment and report available from your HPE sales or channel partner representative.

The report highlights inefficiencies and ways to better utilize your current infrastructure, regardless of what equipment you're using today.

HPE XP8 COMPRESSION GUARANTEE PROGRAM

Navigating all the different data reduction ratios offered by every storage vendor out there can be difficult because no two are alike. That's why HPE goes beyond the ratio to focus on actual data consumption and capacity. Everyone's ratios are going to be different but with HPE you are guaranteed to store more data in the same, or less raw capacity.

HPE XP Storage advanced data efficiency technologies change the economics of storage media and help you get the most out of your system's storage capacity.

Migrate your data to HPE XP8 [All-Flash storage](#) and reduce the amount of capacity required to store your data by at least 50%—guaranteed.¹

The unique inline compression technology of HPE XP8 provides penalty-free compression. If the guaranteed savings are not met, Hewlett Packard Enterprise makes up the difference by providing up to 28 TiB of additional raw disk capacity, plus all related software and support.

By opting for the HPE XP8, you'll be choosing worry-free migration and "zero" impact data compression—now that is refreshing!

COMPRESSION WITHOUT COMPROMISE

HPE XP Storage offers 3 different options of data compression technologies, allowing customers to implement the method that best meets their data reduction needs. Whether it is SW-based disk controller (DKC) compression, or a HW-based accelerator card compression or Flash Module Drive (FMD) compression, all three are part of the HPE XP8 Compression Guarantee program.

SW-based DKC compression utilizes state-of-the-art compression algorithms to gain maximum compression efficiency, while the HW-based accelerator card compression and FMD compression have the added benefit of a dedicated ASIC to perform data compression, offloading the compression workload from the controller CPUs.

While the HPE XP8 Compression Guarantee Program applies to data compression only, HPE XP8 offers additional compaction technologies such as Thin Provisioning and Deduplication that provide additional opportunities for storage savings.

¹ Qualification for the HPE XP8 Compression Guarantee is subject to your compliance with the HPE XP8 Compression Guarantee Program Terms and Conditions, which will be provided by your HPE Sales or Channel Partner representative.

Solution brief

HPE XP8 is created with state-of-the-art hardware and software storage technology. Supplement that with applied expertise in redundancy, eliminating single points of failure, proactive and reactive error management, performance tuning, and continuous quality improvement, the result is an industry-leading tier-0 storage platform providing peace of mind to all customers. Continued investment in Resilience, Performance, Intelligence, and Agility will only increase customer confidence in deploying HPE XP8.

Key features include:

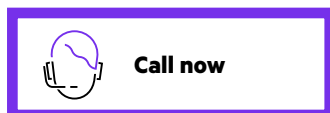
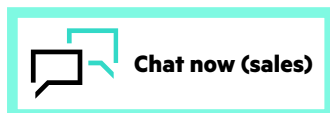
- Multiarray virtualization
- Three data center DR solution
- Non-disruptive online data migration
- Always-on disaster recovery (DR)
- NVMe-oF
- 100% Data Availability Guarantee²
- 33M IOPS performance
- DIP upgrades
- Inline HW compression with zero performance penalty
- HPE XP8 Performance Advisor virtual machine analytics
- HPE Intelligent Storage Manager
- HPE XP8 Compression Guarantee Program³
- HPE Data Protection Manager

² Qualification for the HPE XP8 Get 100% Data Availability Guarantee is subject to your compliance with the HPE XP8 Get 100% Data Availability Guarantee Program Terms and Conditions, which will be provided by your HPE Sales or Channel Partner representative.

³ Qualification for the HPE XP8 Compression Guarantee is subject to your compliance with the HPE XP8 Compression Guarantee Program Terms and Conditions, which will be provided by your HPE Sales or Channel Partner representative.

⁴ Based on HPE internal quality and support monitoring. Excludes availability outages caused by factors external to HPE XP hardware and software.

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**Hewlett Packard
Enterprise**

DESIGNED TO MANAGE THE UNEXPECTED

At Hewlett Packard Enterprise, we understand that maintaining data availability is key for success in today's fast paced and ultra-competitive market. When access to data is lost, even for a few minutes, it can lead to irreversible damage. Productivity is reduced. Revenue is lost. Credibility and reputation can be damaged. This is why innovation in reliability and availability is always top priority for HPE design teams.

With HPE XP, extreme availability is embedded in the hardware and firmware, it is an inherent part of the product's DNA. Moreover, with every release, feature improvements and fine-tuning of process and best practices further increase the reliability of the system. Today, HPE XP is the perfect example for extreme reliability with demonstrated performance under extreme conditions. As of time of this publication, data stored on HPE XP7 has been available every second, every day for every customer!⁴ So while other storage vendors tout data availability in terms of 9s (for example, 5 nines = 99.999%), HPE XP Storage doesn't use 9s when talking about availability because there are no 9s in 100%.

STORAGE BUILT TO MEET EXTREME REQUIREMENTS

HPE XP8 storage provides **extreme availability, top performance, and easy consolidation** for enterprise data centers.

HPE XP8 is targeted at mission-critical Open System, HPE NonStop, and Mainframe applications requiring 100% data availability with no downtime.

It combines an extremely reliable architecture—full online scalability and completely redundant hardware—with

ultra-high performance, advanced data replication, DR, and online data migration capabilities. HPE XP8 array-based virtualization as well as compression and deduplication features increase resource utilization and drive storage efficiency and affordability.

DOES YOUR STORAGE ENVIRONMENT EFFECTIVELY MEET TODAY'S NEEDS WHILE BEING ALIGNED TO MEET FUTURE CHALLENGES?

Accelerate your move to HPE XP8 storage with consulting services from HPE Pointnext Services.

Get help in determining the future state of your storage environment with the HPE Storage Modernization Service:

- Review overall architecture and storage administration for maximum availability and efficiency
- Identify the optimal transformation scenario based on technical and financial criteria and develop reference architecture and road map plan

Migrate your organization's critical data seamlessly to HPE XP8 with HPE Data Migration Services:

- Accelerate time to solution and optimize your return on investment
- Reduce transformation risk and time, and minimize impact on your operations

LEARN MORE AT

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