

Powerhouse hyperconverged infrastructure

HPE SimpliVity 380

Power and protect business-critical apps with cloudlike agility

A modern data architecture provides unmatched efficiency, performance, and resiliency

Complete hyperconvergence

Integrated compute, storage, and virtualization—with advanced data services for data efficiency, data protection, and VM-centric management and mobility

Advanced data services

- Always-on deduplication and compression for reduced capacity utilization by up to 10X—guaranteed²
- Built-in resiliency, backup, and disaster recovery for data protection
- Policy-based, VM-centric management to streamline operations

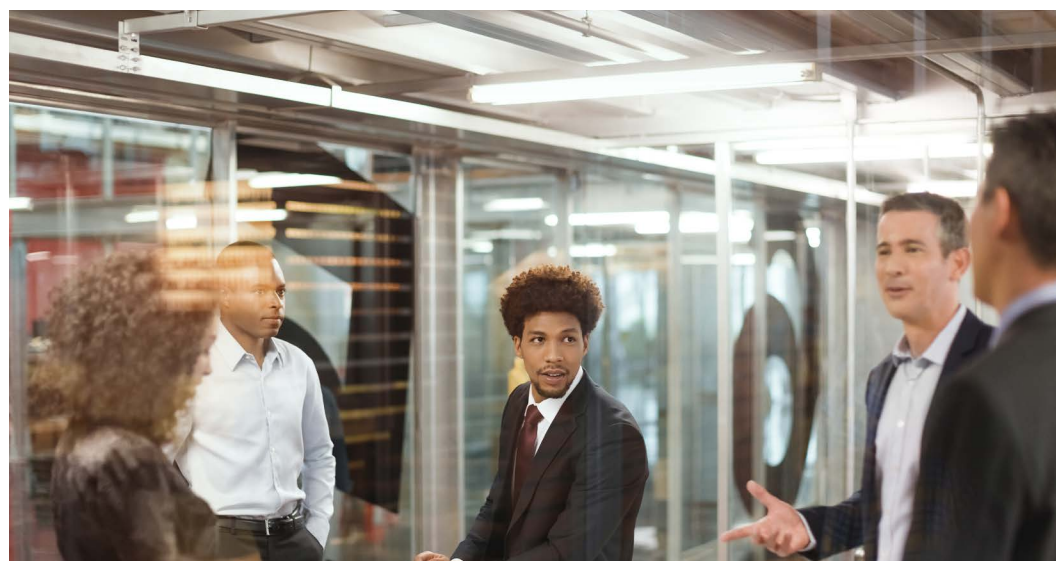
Capitalize on HPE ProLiant Gen10

Enhance performance with new HPE ProLiant Gen10 features including:

- New Intel® Xeon® Scalable Processors provide faster transaction processing with up to 71% performance boost over the previous generation
- Up to 66% greater memory bandwidth increases application performance for memory-intensive applications with upgraded HPE SmartMemory
- Ample speed and increased power efficiency boosts performance and maximizes uptime with HPE Smart Array Gen10 RAID controllers

¹ The HPE ProLiant DL380 Server is the world's best-selling server, according to the CO1'16 IDC Server Tracker.

² [HPE SimpliVity HyperGuarantee](#).



Strong meets flexible

Modern IT leaders face a dilemma. The cost and complexity of traditional IT leaves few resources to focus on transformative projects and innovation—let alone a worry-free weekend. And while public cloud promises greater speed and agility, going all-in on cloud isn't possible for business-critical workloads where performance, protection, privacy, and control are paramount.

If you're struggling to achieve the agility and economics of the cloud with enterprise-grade performance and protection, HPE SimpliVity 380 is the answer.

This pre-integrated, hyperconverged building block dramatically simplifies IT by combining all infrastructure and advanced data services for virtualized workloads—including guaranteed data efficiency, data protection, and VM-centric management and mobility—with the world's best-selling server platform, the HPE ProLiant DL380 Server.¹

And now, HPE is redefining entry-level hyperconverged offerings by introducing extra-small and small solutions, in single and dual-socket configurations, priced right for small to midsized business and remote and branch offices. These solutions offer all-flash storage performance at competitive hybrid prices, plus built-in backup and recovery data protection—all at a very attractive price point.

Solution brief

What makes HPE SimpliVity 380 different from other solutions?

- **Powerful**—A modern data architecture powers and protects some of the world's most efficient and resilient data centers.
- **Simple**—Intuitive VM-centric management streamlines operations and empowers IT generalists.
- **Trusted**—Recognized market leadership, long-term viability, and the best-selling server platform in the industry.
- **Complete**—Single building block combines all IT infrastructure and advanced data services for virtualized workloads.

Powered by Intel

Based on a new foundation for scalability, the Intel Xeon Scalable Processor Family is designed to seamlessly address a wide range of key workloads by delivering boosts in performance, efficiency, and security.



NVIDIA

Hewlett Packard
Enterprise

³ Forrester Study commissioned by SimpliVity, **"The Total Economic Impact™ of SimpliVity Hyperconverged Infrastructure,"** November 2015.

⁴ Evaluator Group, **"Is Hyperconverged Infrastructure Cost-Competitive with the Cloud?"** June 2017.

⁵ SimpliVity press release, **"SimpliVity Honored with Prestigious Customer Satisfaction Award,"** October 2016.



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Amp up agility

Run more efficiently than cloud by simplifying and consolidating

- Cut the number of devices in the data center by 10X (on average) by consolidating workloads.³
- Rapidly deploy and scale hyperconverged building blocks to meet changing demands.
- IT generalists can manage VM environments quickly and easily using the intuitive and familiar VMware® vCenter® interface.
- Reduce total cost of ownership by 3X compared to traditional IT,³ and up to 2X compared to public cloud.⁴
- Workload sizing flexibility includes new single- or dual-processor extra-small and small configurations.

Power and protect apps

Meet application SLAs with enterprise-class performance and data protection provided by all-flash storage and built-in backup and recovery

- Deliver peak and predictable application performance with a modern data architecture that outpaces any other hyperconverged solution.
- Get the power, performance, and predictability of an affordable all-flash portfolio.
- Support high-end graphics virtualization with NVIDIA® GPUs.
- Reduce capacity utilization by up to 10X across primary and backup storage—guaranteed—with always-on deduplication and compression.²
- Mitigate data loss and ransomware risk with the highest levels of resiliency, built-in resiliency, backup, and disaster recovery (DR).

- Simplify and accelerate DR and provide VM protection across primary and secondary sites with integrated and automated HPE SimpliVity RapidDR.

- Rapidly recover with native backup features that guarantee 60 seconds or less (on average) to back up or recover a 1 TB VM.²

Run with confidence

Enjoy the support and investment protection that only HPE can offer

- Choose the market-leading hyperconverged platform with an Net Promoter Score (NPS) score of 90.⁵
- Get unmatched reliability, serviceability, and near-continuous availability with HPE ProLiant DL380, the data center server standard.
- Easily and seamlessly grow deployments by scaling across generations of servers and x86 platforms.
- Enjoy world-class support and delivery with flexible consumption models.
- Optimize uptime with support for your entire solution provided by HPE Pointnext services.

Start innovating now

There's no need to wait. Contact your authorized HPE SimpliVity 380 sales representative to find out how you can start enjoying the benefits of hyperconvergence.

Learn more
hpe.com/info/simplivity

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