



HPE SIMPLIVITY 325

Hyper Converged



WHAT'S NEW

- Now available with the 3rd Gen AMD EPYC™ processor family.
- Extra small (4.6 TB), small (7.5 TB) and new medium (10 TB) software-optimized HPE SimpliVity 325 Gen10 Plus v2 options.
- HPE InfoSight for HPE SimpliVity now introduces Subscription and Notification for Heartbeat along with HPE InfoSight Streaming wellness for HPE SimpliVity.
- Supports VMware vSphere® 6.7 and 7.0 with NSX-T for VM traffic.
- Add clusters of HPE SimpliVity 325 Gen10

OVERVIEW

Do you need a dense platform with built-in security and flexibility that addresses key applications which need performance, availability along with ease of management?

HPE SimpliVity 325 provides HCI choice with our 3rd Generation AMD EPYC™ single CPU processor platform including all-flash storage. Highly dense, the solution is a 1U enclosure that scales in 1U increments and is ideal for remote office or space-constrained locations. Each appliance has one node per 1U chassis and provides customers with the full software capabilities of HPE SimpliVity - guaranteed data efficiency, built-in data protection, and global virtual machine (VM)-centric management and mobility.

Plus v2 to expand existing federations of HPE SimpliVity 325, HPE SimpliVity 380 and HPE SimpliVity 2600.

- Supports backup to external storage using HPE Cloud Bank Storage, HPE StoreOnce Data Immutability, Maintenance Mode Enhancements and Firmware Updates decoupling.

Part of the world's most secure industry-standard server portfolio, the HPE ProLiant DL325 Gen10 and Gen10 Plus v2 servers [1] along with the latest AMD EPYC processors, bring together the latest innovations in security and performance.

FEATURES

Complete Hyperconvergence in a Fully Integrated System

The HPE SimpliVity 325 combines x86 resources, storage, and storage networking in a single hyper converged system with advanced functionality.

HPE SimpliVity 325 simplifies management and delivers outstanding cost efficiency and agility.

HPE SimpliVity 325 provides increased visibility and control with unified management.

It delivers rapid deployment so you can respond to business needs faster.

It unifies VMs and infrastructure tasks to reduce sprawl and overprovisioning.

Peak and Predictable Performance

The all-flash solution provides predictable and linear performance at near wire speeds with reduced latency.

Software-optimized inline deduplication, compression, and optimization helps minimize I/O and network traffic, improving performance while delivering great storage and bandwidth efficiency.

HPE InfoSight for HPE SimpliVity enables predictive data analytics by providing details at the federation, cluster, and host level for historic capacity utilization, trends, resource consumption, and prediction. Alleviates support issues, reduces operational expenses with alerts and case creation.

Support for VMware vSphere® 6.7 / 7.0 hypervisor

Enhanced Economics and TCO

Single AMD EPYC processors allow a 50% reduction in socket-based hypervisor licensing costs.

Supports up to 2 TB of memory and up to 64 cores in a 1U hyperconverged appliance.

It drastically reduces the need to purchase multiple discrete components, optimizes storage capacity with guaranteed 10:1 data efficiency [2], and prevents over-provisioning for performance and capacity with on-demand cluster expansion.

Advanced Data Services

The HPE SimpliVity 325 delivers software-optimized, always-on deduplication and compression to significantly reduce capacity utilization.

It provides built-in resiliency, backup, and disaster recovery for data protection.

It offers policy-based, VM-centric management to streamline operations.

HPE SimpliVity RapidDR is a DR orchestration tool for HPE SimpliVity platforms to simplify and accelerate offsite DR for rapid recovery of applications.



Technical specifications

HPE SimpliVity 325

Number of processors	3rd Gen AMD EPYC™ Processor for 1 CPU slot
Cores	16 to 64 cores selectable
Ports	Embedded Ethernet 10Gb FLOM and option for 4x1GbE LOM Optional slot for networking adapters, please see the QuickSpecs for further details.
Power	Dual power supplies provide highly available power: HPE 500W FS Plat Hot Plug LH Power Supply Kit; HPE 800W FS Plat Hot Plug Power Supply Kit; HPE 800W FS -48VDC Hot Plug Power Supply Kit; HPE 800W FS Titanium Hot Plug Power Supply Kit; HPE 800W FS Universal Hot Plug Power Supply Kit; HPE 1600W FS Platinum Hot Plug LH Power Supply Kit; NOTE: Two power supplies per node are required for redundancy. 500W and 800W power supplies are only supported with specific configurations.
Form factor	1U Chassis
Warranty	Server Warranty includes 3-year parts, 3-year labor, 3-year onsite support with next business day response. 3-year HPE SimpliVity 325 Gen10 solution support (required). NOTE: Warranty for SSDs is subject to maximum usage limitations. Maximum usage limit is the maximum amount of data that can be written to the drive. Drives that have reached this limit will not be eligible for replacement.



For additional technical information, available models and options, please reference the [QuickSpecs](#)

HPE POINTNEXT SERVICES

HPE Pointnext Services brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

Operational Services from HPE Pointnext Services

HPE Pointnext Tech Care provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

HPE Pointnext Complete Care is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

HPE Integration and Performance Services help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

Other related services

HPE Education Services delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

HPE GREENLAKE

HPE Greenlake is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please [explore them here](#).

[1] Based on external firm conducting cybersecurity penetration testing of a range of server products from a range of manufacturers, May 2017.

[2] hpe.com/us/en/integrated-systems/simplivity-guarantee.html

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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