

HPE SimpliVity 325



What's new

- HPE SimpliVity with HPE GreenLake for Private Cloud Business Edition - offered on the HPE GreenLake edge-to-cloud platform. Simplify Private Cloud management with a cloud operational experience.
- Support for Broadcom MR216i-p and NS204i-p boot drive controllers.
- Support for new multi-vendor boot and data SSDs.
- Dual-disk resiliency capability for certain HPE SimpliVity 325 Gen10 Plus v2 platforms.
- HPE InfoSight server integration for HPE SimpliVity.

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, with HPE GreenLake for Private Cloud Business Edition integration.

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® 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
Processor core available	16 to 64 cores selectable
Ports	Embedded Ethernet 10 Gb 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.

[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



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

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Consulting services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

The [Defective Media Retention \(DMR\)](#) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. [Comprehensive Defective Material Retention \(CDMR\)](#) allows you to keep all data retentive components.

HPE GreenLake

[HPE GreenLake edge-to-cloud platform](#) is HPE's market-leading 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, on premises, fully managed in a pay per use model.

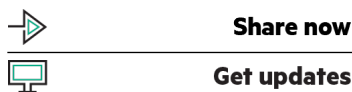
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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

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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