



**Hewlett Packard**  
Enterprise

# HPE SIMPLIVITY 325

## Hyper Converged



### WHAT'S NEW

- 2nd Gen AMD EPYC™ processor family.
- Extra small (4.6 TB) and small (7.5 TB) software-optimized HPE SimpliVity 325 Gen10 options.
- HPE InfoSight for HPE SimpliVity enables predictive data analytics and a unified view of HPE SimpliVity assets such as Datastore, VM, Backups, Capacity, and IOPS.
- HPE OmniStack supports up to 48 clusters per federation and VMware ESXi™ 6.5 and

### OVERVIEW

Do you need a dense platform with built-in security and flexibility that addresses key applications such as virtualization and hyperconverged storage and compute?

HPE SimpliVity 325 provides HCI choice with our first 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,

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6.7.

- Add clusters of HPE SimpliVity 325 to expand existing federations of HPE SimpliVity 380 and HPE SimpliVity 2600.

and global virtual machine (VM)-centric management and mobility.

Part of the world's most secure industry-standard server portfolio, the HPE ProLiant DL325 Gen10 server [1] along with 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.

It simplifies management and delivers outstanding cost efficiency and agility.

It 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.

### 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 32 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 overprovisioning 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

<b>Number of processors</b>	2nd Gen AMD EPYC™ Processor for 1CPU slot
<b>Cores</b>	16 to 64 cores selectable
<b>Memory</b>	256 GB to 2048 GB per node selectable
<b>Ports</b>	Embedded Ethernet 4x1GbE LOM and 10Gb FLOM Optional slot for networking adapters, please see the Quickspecs for further details.
<b>Power</b>	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.
<b>Form factor</b>	1U Chassis
<b>Warranty</b>	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

Access expertise at every step of your IT journey with [HPE Pointnext Services](#). [Advisory Services](#) focuses on your business outcomes and goals, to design your transformation and build a roadmap tuned to your unique challenges. Our [Professional](#) and [Operational Services](#) help speed up time-to-production and keep your IT stable and reliable.

### Operational Services from HPE Pointnext Services

- **[HPE Datacenter Care](#)** helps modernize and simplify IT operations. Partner with an assigned account team, access technical expertise, an enhanced call experience gives you priority access, choose hardware and software support, implement proactive monitoring to help stay ahead of issues, and access HPE IT best practices and IP.
- **[HPE Proactive Care](#)** offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). [Read more](#)
- **[HPE Foundation Care](#)** helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. [Read more.](#)

### Other related services

**[Defective Media Retention](#)** is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

**[HPE Service Credits](#)** offers a menu of technical services, access additional resources, and specialist skills.

**[HPE Education Services](#)** provides comprehensive training designed to expand the skills of your IT staff and keep them up to speed with the latest technologies.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

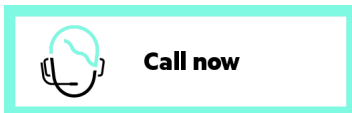
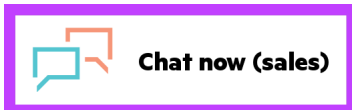
## HPE GREENLAKE

[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.

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[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](https://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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