Data sheet

HPE SimpliVity 325



What's new

- Introducing support for HPE ProLiant Compute DL325 Gen12 platform.
- HPE SimpliVity 7.0.0 software supports vSphere® 8.0U3 and HVM 9.0.2.
- HPE SimpliVity 325 Gen12 nodes with new 5th Generation AMD EPYC™ processors with up to 160 cores.
- Introducing Usable Capacity (TiB) as the standard unit of measure for licensing.

Overview

Need a dense, secure, and flexible platform for performance-heavy apps with easy management?

HPE SimpliVity 325 offers HCI with 4th & 5th Gen AMD EPYC™ on a single-CPU, all-flash 1U platform—ideal for remote or space-constrained sites. It scales in 1U increments and delivers full HPE SimpliVity software: guaranteed data efficiency, built-in protection, VM-centric management.

HPE SimpliVity supports HPE Morpheus Software – VM essentials along with Broadcom VMware®, offering flexible hypervisor choices to meet diverse business needs.

Built on the industry's most secure server portfolio, the HPE ProLiant Compute DL325 Gen12 with AMD EPYC™ deliver advanced 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 and HPE Private Cloud Business Edition integration.

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 and 8.0 hypervisor.

Support for HPE Morpheus Software – VM essentials hypervisor.

Enhanced Economics and TCO

Single AMD EPYC™ processor provides a 1P 1U cost optimized core based hypervisor solution.

Supports up to 3 TB of memory and up to 160 cores in a 1U hyperconverged appliance on HPE SimpliVity 325 Gen11.

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

Support for HPE Morpheus Software – VM essentials providing socket based term licensing.

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
Processor family	HPE SimpliVity 325 Gen12 - 5th Generation AMD EPYC™ Processor HPE SimpliVity 325 Gen11 - 4th Generation AMD EPYC™ Processor - 5th Generation AMD EPYC™ Processor
Maximum memory	HPE SimpliVity 325 Gen12 - 5th Gen CPU/DDR5 6400 - 128 GB to 6144 GB per node selectable HPE SimpliVity 325 Gen11 - 4th Gen CPU/DDR4 4800 -128 GB to 3072 GB per node selectable - 5th Gen CPU/DDR5 6400 - 128 GB to 1536 GB per node selectable
Supported storage	Usable Capacity (TB) HPE SimpliVity 325 Gen12 (HPE Morpheus Software – VM essentials and Broadcom VMware®) (FTT1) 2x 1.92 TB SAS MU + 3x 1.92 TB SAS RI (5.) 2x 3.84 TB SAS MU + 6x 1.92 TB SAS RI (11.9) 2x 3.84 TB SAS MU + 3x 3.84 TB SAS RI (10.) 2x 6.4 TB SAS MU + 3x 7.68 TB SAS RI (19.4) 2x 6.4 TB SAS MU + 6x 7.68 TB SAS RI (40.0) HPE SimpliVity 325 Gen11 with HPE Morpheus Software – VM essentials (FTT1) 4x 1.92 TB SSD (4.6) 6x 1.92 TB SSD (7.5) 4x 3.84 TB SSD (10) 6x 3.84 TB SSD (15) 4x 7.68 TB SSD (19) 6x 7.68 TB SSD (30) 8x 7.68 TB SSD (43) HPE SimpliVity 325 Gen11 with Broadcom VMware® 4x 1.92 TB SSD FTT1 (4.6) 6x 1.92 TB SSD FTT1 (7.5) 6x 1.92 TB SSD FTT2 (6.0) 8x 1.92 TB SSD FTT1 (10) 4x 3.84 TB SSD FTT1 (10) 6x 3.84 TB SSD FTT1 (15) 6x 3.84 TB SSD FTT2 (10.5) 8x 3.84 TB SSD FTT1 (21) 4x 7.68 TB SSD FTT1 (19) 6x 7.68 TB SSD FTT1 (30) 6x 7.68 TB SSD FTT2 (23) 8x 7.68 TB SSD FTT1 (43) Note: Capacities mentioned are usable capacity
Number of processors	1 or 2 Intel® Xeon® Scalable Processors, depending on configuration

Technical specifications	HPE SimpliVity 325
Storage	HPE SimpliVity 325 Gen12 (HPE Morpheus Software – VM essentials and Broadcom VMware®) 2x 1.92 TB SAS MU + 3x 1.92 TB SAS RI FTT1 (5.0 TB) 2x 3.84 TB SAS MU + 6x 1.92 TB SAS RI FTT1 (11.9 TB) 2x 3.84 TB SAS MU + 3x 3.84 TB SAS RI FTT1 (10.0 TB) 2x 6.4 TB SAS MU + 3x 7.68 TB SAS RI FTT1 (19.4 TB) 2x 6.4 TB SAS MU + 6x 7.68 TB SAS RI FTT1 (40.0 TB) HPE SimpliVity 325 Gen11 with HPE Morpheus Software – VM essentials 4x 1.92 TB SSD Kit FTT1 (4.6 TB) 6x 1.92 TB SSD Kit FTT1 (7.5 TB) 4x 3.84 TB SSD Kit FTT1 (10 TB) 6x 3.84 TB SSD Kit FTT1 (15 TB) 4x 7.68 TB SSD Kit FTT1 (19 TB) 6x 7.68 TB SSD Kit FTT1 (30 TB) 8x 7.68 TB SSD Kit FTT1 (43 TB) HPE SimpliVity 325 Gen11 with Broadcom VMware® 4x 1.92 TB SSD Kit FTT1 (4.6 TB) 6x 1.92 TB SSD Kit FTT1 (7.5 TB) 6x 1.92 TB SSD Kit FTT2 (6.0 TB) 8x 1.92 TB SSD Kit FTT1 (10 TB) 4x 3.84 TB SSD Kit FTT1 (10 TB) 6x 3.84 TB SSD Kit FTT1 (15 TB) 6x 3.84 TB SSD Kit FTT2 (10.5 TB) 8x 3.84 TB SSD Kit FTT1 (21 TB) 4x 7.68 TB SSD Kit FTT1 (19 TB) 6x 7.68 TB SSD Kit FTT1 (30 TB) 6x 7.68 TB SSD Kit FTT2 (23 TB) 8x 7.68 TB SSD Kit FTT1 (43 TB) Note: Capacities mentioned are usable capacity
Ports	OCP NIC adapters option - 1 Gb, 10 Gb, 10 Gb/25 Gb, 100 Gb, 200 Gb Optional slot for networking adapters, please see the QuickSpecs for further details.
Power	HPE SimpliVity 325 Gen12 HPE 800W M-CRPS Plat Hot Plug PS kit HPE 1000W M-CRPS Ti Hot Plug PS kit HPE 1500W M-CRPS Ti Hot Plug PS kit HPE 2400W M-CRPS Ti Hot Plug PS kit HPE 2200W M-CRPS -48VDC Hot Plug PS kit HPE 1300W M-CRPS -48VDC Hot Plug PS kit HPE SimpliVity 325 Gen11 HPE 500W FS Plat Hot Plug LH Pwr Sply Kit HPE 1000W FS Ti Hot Plug PS Kit HPE 1600W FS -48VDC Hot Plug PS Kit HPE 800W FS Plat Hot Plug LH PS Kit HPE 1600W FS Plat Hot Plug LH PS Kit HPE 1800W-2200W FS Ti Hot Plug PS 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

Technical specifications	HPE SimpliVity 325
Warranty	Server Warranty includes 3-year parts, 3-year labor, 3-year onsite support with next business day response. 3-year HPE SimpliVity 325 Gen12 and HPE SimpliVity 325 Gen12 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.
Supported workloads	Virtualization and I/O Intensive
Processor core available	16 to 160 cores selectable on HPE SimpliVity 325 Gen12

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.

Advisory & Professional 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.

Support 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.

— **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

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

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

GreenLake

GreenLake is the cloud to run and manage your entire hybrid landscape—private, public, and edge. It helps you to:

— Streamline IT Operations across compute, storage, and networking without the chaos

— Unify and secure data, as you move faster

— Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

For additional technical information, available models and options, please reference the QuickSpecs

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