

## Overview

## HPE SimpliVity 325

### HPE SimpliVity 325 Gen10 Plus v2

HPE SimpliVity 325 Gen10 Plus v2, based on HPE ProLiant DL325 Gen10 Plus v2 Server, is a compact, scalable, 1U rack-mounted building block that delivers integrated server, storage, and storage networking services. HPE SimpliVity 325 Gen10 Plus v2 is the secure and versatile, single-socket server for virtualization and I/O intensive workloads and is ideal for remote office or space-constrained locations. This 1P, 1U platform delivers an exceptional balance of processor, memory and I/O for 2P performance at 1P TCO. Get the most out of your virtualized environment with this versatile server delivering a lower hypervisor software cost and better cost per virtual machine (VM).



HPE SimpliVity 325 Gen10 Plus v2

### What's New

- Support for Multi Vendor SSDs on HPE SimpliVity 325 Gen10 Plus v2 nodes
- Support for additional MR216i-p and NS204i boot drive controllers on HPE SimpliVity 325 Gen10 Plus v2 nodes

**Notes:** For VMware version and HW compatibility and software details, please visit:

[HPE SimpliVity OmniStack Interoperability Guide](#) or [HPE SimpliVity OmniStack Interop Catalog](#)

### Scalable and Configurable

- Storage Expansion Kits available for x4 SSD to x6 SSD or x8 SSD
- Multiple boot drive controller options
- Expandable in 1 node increments up to 96 total nodes
- Processor - Choice of AMD® EPYC™ 7003 Series Processors
- Memory - 256GB to 2048GB (Per node depending on configuration)
- Network - 10Gb, 1Gb
- Power - Redundant
- Virtualization Software and Licensing
- All in a compact 1U form factor
- 3 PCIe expansion slots (PCIe 4.0)

#### Notes:

- It is strongly recommended that an HPE SimpliVity 325 Gen10 Plus v2 cluster have a minimum of two nodes to realize the full benefits of the high availability hyperconverged solution.
- A single cluster supports up to 16 nodes. A single federation supports up to 96 nodes. See product documentation for details.

### Software Features

- Dual drive resiliency for certain capacities
- HPE InfoSight Server Integration

Overview

- VMware vSphere
- HPE SimpliVity management plugin for VMware vCenter
- HPE Backup Archive to HPE Cloud Bank Storage
- HPE StoreOnce Integration, with HPE StoreOnce Data Immutability
- Decoupling of Firmware dependency -> our decoupled upgrades allow for VMware ESXi upgrades with upgrade manager
- Optional Data Encryption support
- Optional RapidDR support- HPE SimpliVity RapidDR is targeted to address SMB and Edge IT generalist persona DR orchestration needs with stringent SLAs around Recovery Point Objectives (RPOs) and Recovery Time Objectives (RTOs)

Hardware Availability Features

- Cluster expansion without downtime
- Hot-pluggable SSD
- Redundant power supplies
- Integrated storage controller with battery-backed cache
- HPE ProLiant Integrated Lights-Out Advanced (iLO) 5 Remote Management

Services

- HPE Pointnext full suite of support offerings (Tech Care and Complete Care).
- HPE Pointnext enabled redeploy storage expansion
- Remote support technology to provide 24x7 secure remote support

**Notes:** For the best support experience, [HPE Pointnext Installation Services](#) and [24x7x365 support](#) recommended.

HPE SimpliVity 325 Gen10 Plus v2: At-a-Glance	
Node Size	1U
Processor	1x AMD® EPYC™ Processor, 16 to 64 cores selectable, 1CPU option slot
Memory	256GB to 2048GB per node selectable
Storage	Extra Small - 4 x 1.92TB SSD Kit (4.6TB usable)
	Small - 6x 1.92TB SSD Kit (7.5TB usable)
	Medium - 8x 1.92TB SSD Kit (10TB usable)
Network Ports	Embedded Ethernet 4x1GbE OCP3.0, 10Gb OCP card <b>Notes:</b> <a href="#">HPE 1GbE 4-port OCP3 Adapter plus choice of OCP or standup card</a>
Power Supplies	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
Hardware Warranty	Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response
Hardware Support	3-year HPE SimpliVity 325 Gen10 Plus v2 solution support (required)

- Notes:**
- 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.
  - Two power supplies per node are required for redundancy. 500W and 800W power supplies are only supported with specific configurations.

Overview

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## Standard Features

### Features and Benefits

#### **HPE InfoSight for HPE SimpliVity enables predictive data analytics**

For SimpliVity nodes HPE InfoSight provides system details at the federation, cluster, and host level for historic capacity utilization, trends, resource consumption and prediction. Alleviates support issues and reduces operational expenses with automated wellness alerts and case creation. Provides a unified view of HPE SimpliVity assets such as Datastore, VM, Backups, Capacity, and IOPS.

#### **Fully integrated system**

Combines x86 resources, storage, and storage networking in a smaller form factor, single-socket, entry level hyperconverged system. Simplifies management and delivers great cost efficiency and agility with increased visibility and control.

#### **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.

#### **Scale in and scale out**

Easily expand or shrink configurations as your needs change. Each node supports a large number of fully protected virtual machines (VMs), with the networked collection of nodes at both local and remote sites managed as a single entity.

#### **VM centricity and mobility**

Enables all actions, policies, and management at the VM level. Global unified management and integration with established administrative systems streamline operations and improve IT agility.

#### **Dramatic TCO reduction**

Single AMD EPYC processors allows for a 50% reduction in socket based hypervisor licensing costs (within the VMware Core count guidelines). Drastically reduce the need to purchase multiple discrete components, optimize storage capacity with guaranteed 10:1 data efficiency, and prevent over-provisioning for performance and capacity with on-demand expansion.

#### **Cloud backup / Cloud storage**

HPE SimpliVity with **HPE Backup Archive with Cloud Bank** Storage allows backing up data to 3<sup>rd</sup> party cloud services via StoreOnce.

#### **Secondary, centralized backup**

HPE SimpliVity with HPE StoreOnce protects data center and distributed edge sites by easily and efficiently replicating applications and data directly to a centralized HPE StoreOnce appliance for compliance and long-term retention requirements. HPE SimpliVity with HPE StoreOnce also supports Data Immutability to protect against ransomware.

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## Software Overview

### Pre-integrated software

- HPE SimpliVity Startup Wizard
- **Virtualization Platform Software and Licenses**
- VMware vSphere installation media is required to complete the installation and is available from HPE when ordering HPE SimpliVity 325 Gen10 Plus v2
- Valid licenses for the following VMware software components are required and are available from HPE when ordering HPE SimpliVity 325 Gen10 Plus v2
  - (1) VMware vSphere license(s) per node
  - (1) VMware vCenter license

### Notes:

- HPE SimpliVity 325 Gen10 Plus v2 supports VMware vSphere ESXi
- HPE SimpliVity 325 Gen10 Plus v2 for VMware vSphere requires valid VMware vSphere, and vCenter licenses. VMware licenses can only be removed from the order if it is confirmed that the end-customer has valid licenses in place (Enterprise License Agreement (ELA), vCloud Air Partner or unused Enterprise Purchasing Program tokens).

### Standard Features

- Purchasing VMware licenses from Hewlett Packard Enterprise allows Hewlett Packard Enterprise to be the single point of contact for the entire solution, inclusive of the virtualization software, and is recommended.

### Management

- HPE InfoSight for HPE SimpliVity
- VMware vCenter
- HPE SimpliVity management plugin for VMware vCenter

### Notes:

- HPE SimpliVity 325 Gen10 Plus v2 supports VMware vCenter
  - For VMware versions and HW compatibility, please see the [HPE SimpliVity OmniStack Interoperability Guide](#) or

**[HPE Support Center portal](#)**

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## Service and Support

### HPE Pointnext - Service and Support

**Get the most from your HPE Products.** Get the expertise you need at every step of your IT journey with **HPE Pointnext Services**. We help you lower your risks and overall costs using automation and methodologies that have been tested and refined by HPE experts through thousands of deployments globally. HPE Pointnext **Advisory Services**, focus on your business outcomes and goals, partnering with you to design your transformation and build a roadmap tuned to your unique challenges. Our **Professional** and **Operational Services** can be leveraged to speed up time-to-production, boost performance and accelerate your business. HPE Pointnext specializes in flawless and on-time implementation, on-budget execution, and creative configurations that get the most out of software and hardware alike.

#### Consume IT on your terms

**HPE GreenLake** brings the cloud experience directly to your apps and data wherever they are-the edge, colocations, or your data center. It delivers cloud services for on-premises IT infrastructure specifically tailored to your most demanding workloads. With a pay-per-use, scalable, point-and-click self-service experience that is managed for you, HPE GreenLake accelerates digital transformation in a distributed, edge-to-cloud world..

- Get Faster time to market
- Save on TCO, align costs to business
- Scale quickly, meet unpredictable demand
- Simplify IT operations across your data centers and clouds

#### Managed services to run your IT operations

**HPE GreenLake Management Services** provides services that monitor, operate, and optimize your infrastructure and applications, delivered consistently and globally to give you unified control and let you focus on innovation.

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## Recommended Services

### HPE Pointnext Tech Care\*.

**Notes:** \*Minimum required level of support is 3yr Tech Care Basic

HPE Pointnext Tech Care is the new operational service experience for HPE products. Tech Care goes beyond traditional support by providing access to product specific experts, an AI driven digital experience, and general technical guidance to not only reduce risk but constantly search for ways to do things better. HPE Pointnext Tech Care has been reimagined from the ground up to support a customer-centric, AI driven, and digitally enabled customer experience to move your business forward. HPE Pointnext Tech Care is available in three response levels. Basic, which provides 9x5 business hour availability and a 2 hour response time. Essential which provides a 15 minute response time 24x7 for most enterprise level customers, and Critical which includes a 6 hour repair commitment where available and outage management response for severity 1 incidents.

<https://www.hpe.com/services/techcare>

### HPE Pointnext Complete Care

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 Pointnext Complete Care provides:

- A complete coverage approach -- edge to cloud
- An assigned HPE team
- Modular and fully personalized engagement
- Enhanced Incident Management experience with priority access
- Digitally enabled and AI Driven customer experience

<https://www.hpe.com/services/completecure>

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## Other Related Services

### HPE Server Hardware Installation

Provides for the basic hardware installation of HPE branded servers, storage devices and networking

## Service and Support

options to assist you in bringing your new hardware into operation in a timely and professional manner.

<https://h20195.www2.hpe.com/v2/getdocument.aspx?docname=5981-9356enw>

### HPE Installation and Startup Service

Provides for the installation of your HPE hardware according to product specifications including options. The HPE service delivery technician will connect the product to a LAN as appropriate and enable remote support to allow for automatic case creation for hardware failures. Installation and start up services also includes the installation of one supported operating system type (Windows® or Linux)

### HPE Service Credits

Offers flexible services and technical skills to meet your IT demands as your business evolves. With a menu of services, you can access additional resources and specialist skills to help you maintain peak performance of your IT. HPE Service Credits help you proactively respond to your dynamic IT and business needs.

### 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.

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## Parts and Materials

Hewlett Packard Enterprise will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements.

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 QuickSpecs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction.

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## For more information

- [www.hpe.com/services](http://www.hpe.com/services)
- <https://www.hpe.com/us/en/services/operational.html>

To learn more on HPE Storage Services, please contact your Hewlett Packard Enterprise sales representative or Hewlett Packard Enterprise Authorized Channel Partner. Contact information for a representative in your area can be found at "Contact HPE" <https://www.hpe.com/us/en/contact-hpe.html>

HPE Support Services are sold by HPE and Hewlett Packard Enterprise Authorized Service Partners:

- Services for customers purchasing from HPE or an enterprise reseller are quoted using HPE order configuration tools.
- Customers purchasing from a commercial reseller can find HPE Support Services at <https://ssc.hpe.com/portal/site/ssc/>

Configuration Information

HPE SimpliVity 325 Gen10 Plus v2: Overview for New System

Use the following steps to order a new SimpliVity 325 Gen10 system:

- **Step 1:** Begin with the base node chassis
- **Step 2:** Select the hardware options to add to the base node: processors, memory, storage, networking, power, other optional HW
- **Step 3:** The software license that corresponds to the node configuration will be automatically added
- **Step 4:** Select service and support

Step 1: Begin with the base node chassis

Base Node

Select the node chassis

Description	SKU
HPE SimpliVity 325 Gen10 Plus v2 8SFF Configure-to-order Node	R8U88A
HPE SimpliVity 325 Node for AMD with VMware Tracking	R2Z27A

Step 2: Select the hardware options to add to the base node:

Processors  
CPU Configurations

Select 3<sup>rd</sup> Gen AMD® EPYC™ CPU

Remarks	Description	SKU
16C, 3.2GHz, 190W	AMD EPYC 7343 3.2GHz 16-core 190W Processor for HPE	P38672-B21
24C, 2.65GHz, 180W	AMD EPYC 7413 2.65GHz 24-core 180W Processor for HPE	P38675-B21
32C, 2.6GHz, 200W	AMD EPYC 7513 2.6GHz 32-core 200W Processor for HPE	P38684-B21
64C, 2.45GHz, 280W	AMD EPYC 7763 2.45GHz 64-core 280W Processor for HPE	P38696-B21
16C, 3.5GHz, 240W	AMD EPYC 73F3 3.5GHz 16-core 240W Processor for HPE	P38702-B21
24C, 3.2GHz, 240W	AMD EPYC 74F3 3.2GHz 24-core 240W Processor for HPE	P38705-B21
32C, 2.95GHz, 280W	AMD EPYC 75F3 2.95GHz 32-core 280W Processor for HPE	P38708-B21
16C, 3GHz, 180W	AMD EPYC 7313P 3.0GHz 16-core 155W Processor for HPE	P38711-B21
24C, 2.85GHz, 200W	AMD EPYC 7443P 2.85GHz 24-core 200W Processor for HPE	P38714-B21
32C, 2.8GHz, 225W	AMD EPYC 7543P 2.8GHz 32-core 225W Processor for HPE	P38717-B21
64C, 2.0GHz, 225W	AMD EPYC 7713P 2.0GHz 64-core 225W Processor for HPE	P38720-B21

Action: Select the Processor Heat Sink

Remarks	Description	SKU
High Performance HS	HPE ProLiant DL325 Gen10 Plus v2 High Performance Heat Sink Kit	P41197-B21

Notes: High Performance Heat Sink is required with all the 3rd Gen AMD® EPYC™ CPUs

Action: Select the desired Processor Fan Kit

Remarks	Description	SKU
Hi Performance Fan Kit	HPE ProLiant DL325 Gen10 Plus v2 Max Performance Fan Kit	P38506-B21
Std Performance Fan Kit	HPE ProLiant DL325 Gen10 Plus v2 Standard FIO Fan Kit	P41471-B21

Notes: Selection of one Fan Kit is required



Configuration Information

Memory for 3rd Gen AMD® EPYC™ CPU

Select a quantity of memory options for the node

Remarks	Description	SKU
RDIMM - Single Rank	HPE 16GB (1x16GB) Single Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit.	P07640-B21
RDIMM - Dual Rank	HPE 32GB (1x32GB) Dual Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P07646-B21
RDIMM - Dual Rank	HPE 64GB (1x64GB) Dual Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P07650-B21
LRDIMM - Quad Rank	HPE 128GB (1x128GB) Quad Rank x4 DDR4-3200 CAS-22-22-22 Load Reduced Smart Memory Kit	P07652-B21

Notes:

- Please select one or more memory from above.
- For new Gen10 Plus memory population rule whitepaper and optimal memory performance guidelines, please go to: <http://www.hpe.com/docs/amd-population-rules-Gen10Plus>
- Memory DIMM availability with a server platform is dependent upon completion of certification testing.
- The maximum memory speed is a function of the memory type, memory configuration, and processor model.
- Memory compatibility may vary or be limited within a specific server family depending upon the specific configuration being requested. Because each server environment and requirements can vary, memory compatibility is based not only upon the server family, but may also be affected by the amount and type of additional hardware options installed within a specific server configuration. For this reason, some HPE memory DIMMs may be qualified for a server model or family and yet occasionally not be supported with limited configurations within that server family. Please consult with the HPE server QuickSpecs or your HPE representative if you have any questions regarding memory compatibility with a specific HPE.
- Minimum 256GB memory must be configured per node
- RDIMM and LRDIMM cannot be mixed
- Mixing of x4 & x8 memory is not allowed
- 8GB~128GB memory SKUs can run the transfer rate of 3200 MT/s at both 1 DIMM and 2 DIMM per channel

Boot Device/Boot RAID Controllers

Description	SKU
HPE NS204i-p x2 Lanes NVMe PCIe3 x8 OS Boot Device	P12965-B21
Broadcom MegaRAID MR216i-p x16 Lanes without Cache NVMe/SAS 12G Controller for HPE Gen10 Plus	P26324-B21

Notes:

- User must select qty1 of the same type of controller from the above options
- If selecting NS204i-p Controller, there is no need to select boot SSDs since it comes with two 480GB NVMe drives
- If selecting any boot controller other than NS204i-p, user MUST select boot SSDs below. Boot drive cages are required and will be added in OCA when selecting non NS204i-p boot controllers.

Boot SSD Drives

Description	SKU
HPE SimpliVity 480GB SATA RI BC MV SSD	S1J86A

Notes:

- User must select qty2 of the same type of SSD
- If selecting NS204i-p Controller, there is no need to select boot SSDs since NS204i-p comes with two 480GB NVMe drives.

Configuration Information

Storage

Effective capacity varies by environment and is a function of realized deduplication and compression rates. The capacities in this table offer a conservative range based on compression and deduplication rates found in standard, primary storage use cases.

Select the right quantity of drives for the required capacity.

Usable Capacity	Description	SKU
4.6TB or 7.5TB or 10TB	HPE SimpliVity 1.92TB SATA 6G Read Intensive SFF BC Multi Vendor SSD	S1J88A

Notes:

- 4.6TB requires qty 4 of the above SKU
- 7.5TB requires qty 6 of the above SKU
- 10TB requires qty 8 of the above SKU
- The appropriate OmniStack software will be included by the configurator

Networking

A 10GbE OCP is required.

PCI Adapter Remarks	Description	SKU
	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	P21106-B21
	Broadcom BCM57412 Ethernet 10Gb 2-port SFP+ Adapter for HPE	P26259-B21
	Mellanox MCX512F-ACHT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P13188-B21
	Marvell QL41232HLCU Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P22702-B21
	Broadcom BCM57414 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P26262-B21
	Marvell QL41134HLCU Ethernet 10Gb 4-port SFP+ Adapter for HPE	P10094-B21

Notes:

- HPE 1GbE 4-port OCP3 Adapter plus choice of OCP or standup card
- Certain adapters require SFPs, Direct Attach Cables or other accessories in order to function. For additional information, please refer to the QuickSpecs for the specific adapter.
- If you do not have these items on-site, please make sure to include them with your order.
- A 1 GbE network interface is required if your environment uses a 1 GbE network for federation management.

OCP Adapter

System Max	Description	SKU
1	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	P08449-B21
1	Broadcom BCM57416 Ethernet 10Gb 2-port BASE-T OCP3 Adapter for HPE	P10097-B21
1	Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	P10112-B21
1	Broadcom BCM57414 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	P10115-B21
1	Broadcom BCM57412 Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE	P26256-B21

Configuration Information

Optional Fibre Channel HBA cards

System Max	Description	SKU
1	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	P9D94A
1	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	R2E09A

Power Supplies

Two power supplies are required

Remarks	Description	SKU
	HPE 500W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	865408-B21
	HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	P38995-B21
	HPE 800W Flex Slot Titanium Hot Plug Low Halogen Power Supply Kit	865438-B21
	HPE 800W Flex Slot -48VDC Hot Plug Low Halogen Power Supply Kit	865434-B21
	HPE 800W Flex Slot Universal Hot Plug Low Halogen Power Supply Kit	865428-B21
	HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	P38997-B21

- Notes:**
- The power supply requirement can vary based configuration and environment. 800W Power Supply is only supported with specific configurations. Please refer to HPE Power Advisor for proper power sizing.
  - HPE Power Advisor link should be used with the HPE DL325 Gen10 Plus v2 instead of the SimpliVity 325 Gen10 Plus v2 node SKU. Please visit: <https://poweradvisorex.it.hpe.com/?Page=Index>
  - HPE ProLiant Servers offer Flex Slot Power Supplies that come in multiple power ratings to allow you to pick the Right Size to fit your configuration. This provides you with the advantage of reducing and reclaiming lost power. By selecting the right sized power supply you will be providing facilities with a nameplate rating that is much closer to actual power your server uses. In order to select the right size power supply for your ProLiant Server it is 'highly recommended' that you use the 'HPE Power Advisor' located at <https://www.hpe.com/info/poweradvisor> to determine the right size power supply for your server needs'

Step 3: The software license that corresponds to the node configuration will be automatically added  
HPE SimpliVity Software

Based on the hardware configurations selected, the appropriate software will be included by the configurator.

The software is determined by storage configuration and is required.

Remarks	Description	SKU
	HPE SimpliVity 325 Gen10 Plus v2 4.6TB Software	R8U85A
	HPE SimpliVity 325 Gen10 Plus v2 7.5TB Software	R8U86A
	HPE SimpliVity 325 Gen10 Plus v2 10TB Software	R8U87A

VMware Software  
vSphere

A valid VMware vSphere license is required for each CPU to complete deployment.

**Notes:** HPE SimpliVity 325 Gen10 Plus v2 supports VMware ESXi

For VMware versions and HW compatibility, please see the [HPE SimpliVity OmniStack Interoperability Guide](#) or [HPE Support Center portal](#)

Configuration Information

Remarks	Description	SKU
	VMware vSphere Remote Office Branch Office Standard 25VM 3yr E-LTU	P9A82AAE
	VMware vSphere Remote Office Branch Office Standard 25VM 5yr E-LTU	P9A83AAE
	VMware vSphere Remote Office Branch Office Advanced 25VM 3yr E-LTU	P9A85AAE
	VMware vSphere Remote Office Branch Office Advanced 25VM 5yr E-LTU	P9A86AAE
	VMware vSphere Standard 1 Processor 3yr E-LTU	BD711AAE
	VMware vSphere Enterprise Plus 1 Processor 3yr Software	BD715A
	VMware vSphere Enterprise Plus 1 Processor 3yr E-LTU	BD715AAE
	VMware vSphere Standard 1 Processor 5yr Software	BD512A
	VMware vSphere Standard 1 Processor 5yr E-LTU	BD512AAE
	VMware vSphere Enterprise Plus 1 Processor 5yr Software	BD514A
	VMware vSphere Enterprise Plus 1 Processor 5yr E-LTU	BD514AAE

Notes:

- If an order is placed without VMware licenses, the user agrees to supply the necessary license.
- HPE SimpliVity 325 Gen10 Plus v2 for VMware vSphere requires valid VMware vSphere, and vCenter licenses. VMware licenses can only be removed from the order if it is confirmed that the end-customer has a valid licenses in place (Enterprise License Agreement (ELA), vCloud Air Partner or unused Enterprise Purchasing Program tokens).
- Purchasing VMware licenses from Hewlett Packard Enterprise allows Hewlett Packard Enterprise to be the single point of contact for the entire solution inclusive of the virtualization software and is recommended. When the VMware license is not included on the order the solution level support experience is impacted.
- For a full list of HPE VMware Virtualization Software For HPE ProLiant Servers, please refer to their Vmware datasheet: <https://h20195.www2.hpe.com/v2/getdocument.aspx?docname=c04154460#>

HPE Integrated Lights Out Advanced Software (iLO Advanced)

The HPE iLO Advanced license is required

Remarks	Description	SKU
	HPE iLO Advanced 1-server License with 3yr Support on iLO Licensed Features	BD505A
	HPE iLO Advanced Flexible Quantity License with 3yr Support on iLO Licensed Features	BD506A
	HPE iLO Advanced AKA Tracking License with 3yr Support on iLO Licensed Features	BD507A
	HPE iLO Advanced Electronic License with 3yr Support on iLO Licensed Features	E6U64ABE

Step 4: Select service and support

Select service and support to perform the storage upgrade, migration, install and redeployment.

HPE provides a full range of support offers for these products. Tech Care is the minimum level of support, but Complete Care is also available.

Contact your local sales representative or channel partner for more details.

Technical Specifications

Server Options

Remarks	Description	SKU
	HPE Trusted Platform Module 2.0 Gen10 Plus Black Rivets Kit	P13771-B2
	HPE Gen10 TPM 1.2 FIO Setting	872108-B2
	HPE Gen10 Plus Chassis Intrusion Detection Kit	P14604-B2
	HPE DL325 Gen10 Plus Bezel Kit	P18547-B2
	HPE Bezel Lock Kit	875519-B2
	HPE DL3XX Gen10 Rear Serial Cable and Enablement Kit	873770-B2
	HPE ProLiant DL300 Gen10 Plus 1U SFF Easy Install Rail Kit	P26485-B2
	HPE ProLiant DL300 Gen10 Plus 1U Cable Management Arm for Rail Kit	P26489-B2

HPE SimpliVity 325 Gen10 and 325 Gen10 Plus V2 : Storage Expansion Overview

Use the following steps to expand Storage for your existing SimpliVity 325 Gen10 or 325 Gen10 Plus v2 node:

- Step 1: Start with the Expansion SKU
- Step 2: Add the SW license that correlates to either storage expansion options
- Step 3: Select the hardware options to add the storage drive kits
- Step 4: Select service and support to perform the storage upgrade, migration, install and redeployment

Step 1: Start with the Expansion Kit SKU

Action: Select the Expansion SKU.

Remarks	Description	SKU
	HPE SimpliVity 325 Expansion Kit	S0N29AA

Step 2: If Storage expansion is needed, add the SW license from below that correlates to the desired expansion configuration

Action: Select the appropriate SW license according to the desired storage expansion configuration.

Choose from one of the following Redeployment Storage Expansion choices

- 325 x4 SSD ⑧ 325 x6 SSD
- 325 x6 SSD ⑧ 325 x8 SSD (only on SimpliVity 325 Gen10 Plus V2 models)

Remarks	Description	SKU
	HPE SimpliVity 325 1.92TB 4 to 6 SSD Upgrade E-LTU	S0N38AA
	HPE SimpliVity 325 1.92TB 6 to 8 SSD Upgrade E-LTU	S0N39AA

Step 3: Select the hardware options to add either the storage drive kits or additional CPU and memory

Action: Select quantity 2 of the same SSD type from the following SSD options, based on the desired storage expansion configuration. For example, in the configurator you can only select qty2 of P44009-K21 or qty2 of P40543-K21, you cannot mix and match two different vendor types.

Remarks	Description	SKU
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## Technical Specifications

HPE 1.92TB SATA 6G Read Intensive SFF BC PM893 SSD

P44009-K

### Step 4: Select service and support to perform the storage upgrade, migration, install and redeployment

HPE provides a full range of support offers for these products. Tech Care is the minimum level of support, but Complete Care is also available.

Contact your local sales representative or channel partner for more details.

Installation services are required for these products. HA124A1#5ZD needs to be ordered in a quantity matching the sum of the software SKUs from Step 2.

### Physical Dimensions

- 1U Form factor 1.69 X 17.11 X 25.37 In (4.29 X 43.46 X 64.43 cm)
- Dimensions 4.29 X 43.46 X 64.43 cm (1.69 X 17.11 X 25.37 In)
- Weight (approximate)
- Maximum 10 SFF chassis with 10 SFF hard drives, 1x processors including standard heatsink, 16x DIMMs, 2x power supplies, 1x Smart Array, 2x Risers installed, cables for the above 16.19 kg - 35.68 lb

**Notes:** For all other DL325 Gen10 Plus v2 Server details, please refer to the [HPE DL325 Gen10 Plus v2 Server QuickSpecs](#).

### End-of-life Management and Recycling

Hewlett-Packard offers end-of-life Hewlett Packard Enterprise product return, trade-in, and recycling programs in many geographic areas. To recycle your product, please go to: <http://www.hpe.com/recycle> or contact your nearest Hewlett Packard Enterprise sales office. Products returned to Hewlett Packard Enterprise will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard Enterprise web site at: <http://www.hpe.com/recycle>. These instructions may be used by recyclers and other WEEE treatment facilities as well as Hewlett Packard Enterprise OEM customers who integrate and re-sell Hewlett Packard Enterprise equipment.

### EU Lot9 Regulation

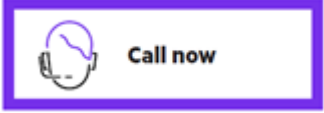
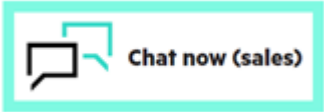
If you require validation for an RFP the Compliance Team has a help desk to support EU compliance inquiries and can be reached at Technical Regulations Europe [tre@hpe.com](mailto:tre@hpe.com) or you may also contact [sustainability@hpe.com](mailto:sustainability@hpe.com)

Summary of Changes

Date	Version History	Action	Description of Change
01-May-2023	Version 5	Changed	Overview, Standard Features, Service and Support, Configuration Information and Technical Specifications sections were updated
23-Jan-2023	Version 4	Changed	Update QS name
07-Nov-2022	Version 3	Changed	Added 325 Storage Expansion Options and new SSDs & Boot Controllers
13-Dec-2021	Version 2	Changed	Overview and Configuration Information sections were updated
06-Dec-2021	Version 1	New	QuickSpecs created.

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