Have feedback on QuickSpecs? We're listening

HPE SimpliVity 325 QuickSpecs

HPE SimpliVity 325, based on HPE ProLiant Compute DL325 Gen12 server, is a compact, scalable, 1U rack-mounted building block that delivers integrated server, storage, and storage networking services.

HPE SimpliVity 325 platforms are the secure and versatile, single-socket servers for virtualization and I/O intensive workloads and is ideal for a remote office or space-constrained locations. This 1P (one processor), 1U (one rack unit) platform delivers an exceptional balance of processor, memory and I/O for 2P performance at 1P TCO.

Maximize the potential of your virtualized environment with the HPE SimpliVity 325, a versatile system now offering a choice of two hypervisors. Customers can select Broadcom VMware or the newly available HPE Morpheus VM Essentials Software, delivering a flexible and cost-effective solution for managing IT infrastructure



HPE SimpliVity 325 Gen12

What's New

- HPE SimpliVity 325 now support HPE ProLiant Compute DL325 Gen12 platform
- HPE SimpliVity 325 Gen12 now supports MR416 Broadcom controller
- HPE SimpliVity Software 7.0 now supports HPE Morpheus Software — VM Essentials.
  - HPE StoreOnce integration
  - Stretch Cluster
  - Streamlined upgrade operations through HVM
- HPE SimpliVity Software 7.0 for Broadcom VMware
- Socket based Term licensing
- Licensing Unit of Measure (Applies to Gen 12 platform only)- Usable capacity (TiB)

HPE SimpliVity 325 Gen12 now supports HPE Morpheus Software — VM Essentials

Software Features

- Hyper Efficiency
- Built-in Data protection
- 2 Node High Availability
- Backup & Restore
- VM provisioning and lifecycle operations
- HPE SimpliVity Software 7.0 with HPE Morpheus — Software VM Essentials
  - HPE StoreOnce Integration
  - Stretch Cluster
  - Streamlined upgrade operations through HVM
- HPE SimpliVity management plugin for HPE VM Essentials Management

Notes:
- It is strongly recommended that an HPE SimpliVity 325 Gen12 cluster have a minimum of two nodes to realize the full benefits of the high availability hyperconverged solution.
- A federation cannot contain HPE Morpheus VM Essentials and Broadcom VMware clusters

HPE SimpliVity 325 Gen12 supports Broadcom VMware

Software Features

- HPE SimpliVity Software 7.0 for Broadcom VMware
- VMware vSphere (customer to procure from Broadcom).
- 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 only, with upgrade manager.
- Optional RapidDR support
- HPE SimpliVity for Broadcom VMware must be deployed in a separate federation

Notes:
- It is strongly recommended that an HPE SimpliVity 325 Gen12 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.
- A federation cannot contain HPE Morpheus VM Essentials and Broadcom VMware clusters

Broadcom VMware Software

- HPE SimpliVity 7.0.0 supports VMware ESXi 8.0U3 (refer to HPE SimpliVity interop guide)
- A valid VMware vSphere license is required for each host (follow Broadcom VMware licensing guidelines for required minimum core licenses.).
- License types offered by VMware:
  - vSphere Foundation
  - vSphere Standard
  - vSphere Essentials Plus Kit

Common Features and Specifications

Hardware Features

- MR416 Broadcom Data controller
- Single disk resiliency on HPE SimpliVity 325 Gen12 nodes
- Hot-serviceable boot drives
- Redundant power supplies

- Integrated storage controller with battery-backed cache
- HPE ProLiant Integrated Lights-Out Advanced (iLO) 7 Remote Management
- Cluster expansion without downtime.
- Integrated storage controller with battery-backed cache

Scalable and Configurable

- Expandable in 1 node increments up to 96 total nodes for Broadcom VMware
- 5th Gen AMD® EPYC™ Series Processors
- Memory – From 192 GB up to 6144 GB (Per node depending on Pro)
- Network – 1 Gb, 10 Gb/25 Gb, 100 Gb, 200 Gb
- Redundant Power Supplies
- All in a compact 1U form factor
- 3 PCIe expansion slots (PCIe 5.0)

Services

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

Notes: For the best support experience, HPE Services Installation Services and 24x7x365 support is recommended.

HPE SimpliVity Term Based licensing

- Every HPE SimpliVity node will now have socket-based term licenses which includes HPE SimpliVity Software, HPE VM Essentials Software and Support.
- Usable Capacity (TiB) is the standard unit of measure for HPE SimpliVity software licensing (applies to Gen12 only).

Notes: Broadcom VMware licenses must be procured from Broadcom VMware or from an authorized distributor.

Overview

HPE SimpliVity 325 Gen12 At-a-Glance	
Node Size	1U
Processor	5th Gen AMD® EPYC™ Processor, 16 to 160 cores selectable, 1 CPU option slot
Memory	From 192 GB up to 6144 GB per node selectable (based on the selection of Processor)
Hypervisors	HPE Morpheus VM Essentials Software OR Broadcom VMware
Storage	1.92 TB SAS MU SSD Kit, 1.92 TB SAS RI SSD Kit
	3.84 TB SAS MU SSD Kit, 3.84 TB SAS RI SSD Kit
	6.4 TB SAS MU SSD Kit, 7.68 TB SAS RI SSD Kit
Network Ports	Embedded Ethernet 4x1 GbE OCP3.0, 10 Gb OCP card, 10/25 GB, 100 GB **Notes:** HPE 1 GbE 4-port OCP3 Adapter plus choice of OCP or standup card
Power Supplies	HPE 800W M-CRPS Platinum Hot Plug Power Supply Kit
	HPE 1000W M-CRPS Titanium Hot Plug Power Supply Kit
	HPE 1500W M-CRPS Titanium Hot Plug Power Supply Kit
	HPE 2400W M-CRPS Titanium Hot Plug Power Supply Kit
	HPE 2200W M-CRPS -48VDC Hot Plug Power Supply Kit
	HPE 1300W M-CRPS -48VDC Hot Plug 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 or 5-year HPE SimpliVity 325 Gen12 solution support (required)
License	Term based licensing - 3 Year, 5 Year
Standard Unit of Measure	Usable Capacity TiB

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.

Overview

HPE SimpliVity 325 Gen11 At-a-Glance	
Node Size	1U
Processor	4th Gen AMD® EPYC™ Processor, 16 to 128 cores selectable, 1 CPU option slot 5th Gen AMD® EPYC™ Processor, 16 to 160 cores selectable, 1 CPU option slot
Memory	From 128 GB up to 3072 GB per node selectable (based on the selection of Processor) **Notes:** 5th Gen CPUs supports max of 1536 GB
Hypervisors	HPE Morpheus VM Essentials Software OR Broadcom VMware
Storage	1.92 TB SATA RI SSD Kit
	3.84 TB SATA RI SSD Kit
	7.68 TB SATA RI SSD Kit
	Notes: *For SAS Drives support reaches out to HPE representatives
Network Ports	Embedded Ethernet 4x1 GbE OCP3.0, 10 Gb OCP card, 10/25 GB, 100 GB **Notes:** HPE 1 GbE 4-port OCP3 Adapter plus choice of OCP or standup card
Power Supplies	Dual power supplies provide highly available power
	HPE 800 W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit
	HPE 1000 W Flex Slot Titanium Hot Plug Power Supply Kit
	HPE 1600 W Flex Slot -48VDC Hot Plug Power Supply Kit
	HPE 1600 W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit
	HPE 1800 W -2200 W Flex Slot Titanium Hot Plug Power Supply Kit
	HPE 1000 W Flex Slot Titanium Hot Plug 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 or 5-year HPE SimpliVity 325 Gen11 solution support (required)
License	Term based licensing - 3 Year, 5 Year

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.

Features and Benefits

HPE InfoSight for HPE SimpliVity enables predictive data analytics

For HPE 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 help 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.

TCO reduction

Single AMD EPYC processor architecture allows for a low-cost, 1U 1P, performance solution for your virtualized workloads with core 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 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 3rd party cloud services via StoreOnce

Secondary backup

HPE SimpliVity with HPE StoreOnce protects data center and distributes 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**

Notes:**Planned for HPE Morpheus VM Essentials in future.

Software Overview

Pre-integrated software

- HPE SimpliVity Startup Wizard

Virtualization Platform Software and Licenses

Broadcom VMware

- VMware vSphere installation media is required to complete the installation when ordering HPE SimpliVity 325 nodes
- Valid licenses for the following VMware software components are required when ordering HPE SimpliVity 325 nodes.
  - VMware vSphere license(s) per node: customer to procure from authorized distributor.
  - VMware vCenter license: customer to procure from authorized distributor.

HPE Morpheus Software - VM Essentials

- Customer registers and activates license key for HPE SimpliVity Software allowing them to install and deploy HPE Morpheus VM Essentials for 5yr or 3yr terms.
- HPE Morpheus VM Essentials Software license is embedded as part of the HPE SimpliVity Software license

Management

HPE Morpheus Software - VM Essentials

- HPE InfoSight for HPE SimpliVity
- HPE SimpliVity management through VM Essentials Manager

Broadcom VMware

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

Service and Support

For the most up-to-date information on HPE Services, please refer to the HPE Services – Supplemental QuickSpecs, which provides a comprehensive and regularly updated overview of available services.

HPE SimpliVity 325 Gen12: Overview for New System

Use the following steps to order a new HPE SimpliVity 325 Gen12 system:

- **Step 1:** Begin with the selection of Node Quantity & Hypervisor
- **Step 2**: Select the license Term
- **Step 3:** Select the hardware options to add to the base node: processors, memory, storage, networking, power, other optional HW
- **Step 4:** The software license that corresponds to the node **configuration** will be automatically added
- **Step 5:** Select service and support

Step 1: Begin with the Base Node

Action:

- Select the Node Quantity & Hypervisor option
  - HPE SimpliVity FIO Software for VMware
  - HPE SimpliVity with Morpheus Software - Essentials FIO Software

Description	SKU
HPE SimpliVity 325 Gen12 EDSFF Configure-to-order Node	S8J34A
HPE SimpliVity FIO Software for VMware	S8K52A
HPE SimpliVity with Morpheus Software - essentials FIO Software	S8K53A

Step 2: Select the license Term

Description	SKU
HPE SimpliVity 325 Gen12 1 Processor 3-year E-LTU	S8K73AAE
HPE SimpliVity 325 Gen12 1 Processor 5-year E-LTU	S8K74AAE

Notes:

- The E-LTU SKUs are not user selectable, and it will be added by the configurator depending on the year selected
- Qty 1 per node will be added automatically

Step 3: Select the hardware options

1. **5th Gen Turin CPUs**

Description	SKU
AMD EPYC 9965 2.25GHz 192-core 500W Processor for HPE	P75019-B21
AMD EPYC 9845 2.1GHz 160-core 390W Processor for HPE	P72646-B21
AMD EPYC 9825 2.2GHz 144-core 390W Processor for HPE	P72647-B21
AMD EPYC 9755 2.7GHz 128-core 500W Processor for HPE	P75022-B21
AMD EPYC 9745 2.4GHz 128-core 400W Processor for HPE	P72648-B21
AMD EPYC 9645 2.3GHz 96-core 320W Processor for HPE	P72649-B21
AMD EPYC 9655P 2.6GHz 96-core 400W Processor for HPE	P72662-B21
AMD EPYC 9565 3.15GHz 72-core 400W Processor for HPE	P72651-B21

Description	SKU
AMD EPYC 9535 2.4GHz 64-core 300W Processor for HPE	P72652-B21
AMD EPYC 9575F 3.3GHz 64-core 400W Processor for HPE	P72758-B21
AMD EPYC 9555P 3.2GHz 64-core 360W Processor for HPE	P72663-B21
AMD EPYC 9475F 3.65GHz 48-core 400W Processor for HPE	P72666-B21
AMD EPYC 9455P 3.15GHz 48-core 300W Processor for HPE	P72664-B21
AMD EPYC 9365 3.4GHz 36-core 300W Processor for HPE	P72655-B21
AMD EPYC 9335 3.0GHz 32-core 210W Processor for HPE	P72656-B21
AMD EPYC 9375F 3.80GHz 32-core 320W Processor for HPE	P72667-B21
AMD EPYC 9355P 3.55GHz 32-core 280W Processor for HPE	P72665-B21
AMD EPYC 9255 3.20GHz 24-core 200W Processor for HPE	P72658-B21
AMD EPYC 9275F 4.1GHz 24-core 320W Processor for HPE	P72668-B21

2. DDR5-6400 Registered DIMMs (RDIMMs)

Description	SKU
HPE 32GB (1x32GB) Dual Rank x8 DDR5-6400 CAS-52-52-52 EC8 Registered Smart Memory Kit	P64985-B21
HPE 64GB (1x64GB) Dual Rank x4 DDR5-6400 CAS-52-52-52 EC8 Registered Smart Memory Kit	P64986-B21
HPE 96GB (1x96GB) Dual Rank x4 DDR5-6400 CAS-52-52-52 EC8 Registered Smart Memory Kit	P64987-B21
HPE 128GB (1x128GB) Dual Rank x4 DDR5-6400 CAS-52-52-52 EC8 Registered Smart Memory Kit	P64988-B21
HPE 256GB (1x256GB) Quad Rank x4 DDR5-6400 CAS-60-52-52 EC8 Registered 3DS Smart Memory Kit	P73446-B21

Notes:

- Please select one or more memory from above.
- For details on the Memory Population Rules and Guidelines with AMD EPYC™ 9005 series processors, please go to: https://www.hpe.com/psnow/doc/a50012817enw
- Minimum 192 GB GB memory must be configured per node
- DDR6400 RDIMMs can support up to 6 TB
- Mixing of x4 & x8 memory is not allowed

3. Boot device

Description	SKU
HPE NS204i-u v2 480GB NVMe Hot Plug Boot Optimized Storage Device	P78279-B21
HPE ProLiant Compute DL3XX Gen12 NS204i-u Rear Cable Kit	P71433-B21
HPE NS204i-u v2 960GB NVMe Hot Plug Boot Optimized Storage Device	P81160-B21

Notes: The Boot device SKU and necessary accessories are not user selectable and will be added by default

4. SAS Controller/ Data Controller

Description	SKU
HPE MR416i-o Gen11 x16 Lanes 8GB Cache OCP SPDM Storage Controller	P47781-B21
HPE MR416i-p Gen11 x16 Lanes 8GB Cache PCI SPDM Plug-in Storage Controller	P47777-B21

Notes: User must select qty 1 of Storage controller from the above options

5. Storage Drives

Description	SKU
HPE SimpliVity 1.92TB SAS 12G Read Intensive SFF BC Value SAS Multi Vendor SSD	S8J35A
HPE SimpliVity 3.84TB SAS 12G Read Intensive SFF BC Value SAS Multi Vendor SSD	S8J38A
HPE SimpliVity 7.68TB SAS 12G Read Intensive SFF BC Value SAS Multi Vendor SSD	S8J41A
HPE SimpliVity 1.92TB SAS 24G Read Intensive SFF BC Multi Vendor SSD	S8J36A
HPE SimpliVity 3.84TB SAS 24G Read Intensive SFF BC Multi Vendor SSD	S8J39A
HPE SimpliVity 7.68TB SAS 24G Read Intensive SFF BC Multi Vendor SSD	S8J42A
HPE SimpliVity 1.92TB SAS 12G Mixed Use SFF BC Value SAS Multi Vendor SSD	S8J37A
HPE SimpliVity 3.84TB SAS 12G Mixed Use SFF BC Value SAS Multi Vendor SSD	S8J40A
HPE SimpliVity 6.4TB SAS 24G Mixed Use SFF BC Multi Vendor SSD	S8J43A

Drive Configurations:

Resiliency	SAS MU	SAS RI	Drive Config	Usable Capacity (TiB)
FTT1	2	3	2 x 1.92 + 3x 1.92	5
FTT1	2	6	2 x 3.84 + 6 x 1.92	11
FTT1	2	3	2 x 3.84 + 3 x 3.84	9
FTT1	2	3	2 x 6.2 + 6 x 3.84	21
FTT1	2	3	2 x 6.2 + 3 x 7.68	18
FTT1	2	3	2 x 6.2 + 6 x 7.68	36

Notes:

- The listed configuration is supported with both HPE VM Essentials and Broadcom VMware environments.
- The usable capacities are approximately and rounded to near zero. For actual capacities please refer to HPE SimpliVity sizer.
- HPE ProLiant 325 Gen12 supports only FTT1 – Single Disk resiliency

Tracking SKUs

Description	SKU
HPE SimpliVity 325 Gen12 1.6/1.92TB 5 SSD FIO Tracking	S8K40A
HPE SimpliVity 325 Gen12 1.6/1.92TB 8 SSD FIO Tracking	S8K42A
HPE SimpliVity 325 Gen12 3.2/3.84TB 5 SSD FIO Tracking	S8K43A
HPE SimpliVity 325 Gen12 3.2/3.84TB 8 SSD FIO Tracking	S8K45A
HPE SimpliVity 325 Gen12 6.4/7.68TB 5 SSD FIO Tracking	S8K46A
HPE SimpliVity 325 Gen12 6.4/7.68TB 8 SSD FIO Tracking	S8K48A

Notes:

- FIO tracking SKUs for SSD configurations.
- This item is not user-selectable and will be automatically included depending on configuration selected.

6. Power Supplies

Description	SKU
HPE 1000W M-CRPS Titanium Hot Plug Power Supply Kit	P67240-B21
HPE 1500W M-CRPS Titanium Hot Plug Power Supply Kit	P67244-B21

Description	SKU
HPE 2400W M-CRPS Titanium Hot Plug Power Supply Kit	P67252-B21

Notes:

- The power supply requirements can vary based on configuration and environment 800" Power Supply is only Supported with specific configurations. Please refer to HPE Power Advisor for proper power sizing.
- All configured nodes whip with a standard 6 foot IEC C-13/C-14 jumper cord (A0K02a). This jumper cord is also included with each standard AC power supply option kit.
- If a different power cord is required, please check the HPE ProLiant Power Cables web page: https://h20195.www2.HPE.com/v2/getpdf.aspx/4AA6-6836ENW.pdf

7. Networking

PCIe NIC Adapters

Description	SKU
Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P08443-B21
Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	P08458-B21
Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	P21112-B21
Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	P25960-B21
Broadcom BCM57416 Ethernet 10Gb 2-port BASE-T Adapter for HPE	P26253-B21
Broadcom BCM57412 Ethernet 10Gb 2-port SFP+ Adapter for HPE	P26259-B21
Broadcom BCM57414 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P26262-B21
Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	P26264-B21
Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P42044-B21
Broadcom BCM5719 Ethernet 1Gb 4-port BASE-T Adapter for HPE	P51178-B21
Broadcom BCM57608 Ethernet 100Gb 2-port QSFP112 Adapter for HPE	P73111-B21
AMD Solarflare X4522-PLUS 10/25GbE 2-port SFP56 Adapter for HPE	P87940-B21
NVIDIA Ethernet 100Gb 2-port NVMe-oF Offload Adapter for HPE	R8M41A
NVIDIA Ethernet 10/25Gb 2-port SFP28 NVMe-oF Crypto Adapter for HPE	S2A69A

OCP Network Adapters

Description	SKU
Broadcom BCM57416 Ethernet 10Gb 2-port BASE-T OCP3 Adapter for HPE	P10097-B21
Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	P10106-B21
Broadcom BCM57414 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	P10115-B21
Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	P22767-B21
Broadcom BCM57412 Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE	P26256-B21
Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE	P26269-B21
Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE	P41614-B21
Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	P42041-B21
Broadcom BCM5719 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	P51181-B21
Broadcom BCM57608 Ethernet 100Gb 2-port QSFP112 OCP3 Adapter for HPE	P73114-B21

Fiber Channel

Description	SKU
HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	R2E08A
HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	R2E09A
HPE SN1700Q 64Gb 1-port Fibre Channel Host Bus Adapter	R7N86A
HPE SN1700Q 64Gb 2-port Fibre Channel Host Bus Adapter	R7N87A
HPE SN1620E 32Gb 2p FC SecureHBA	S4S01A
HPE SN1720E 64Gb 2p FC SecureHBA	S4T09A

8. **Graphic Options**

Description	SKU
NVIDIA L4 24GB PCIe Accelerator for HPE	S0K89C

Step 4: The software license that corresponds to the node configuration will be automatically added.

Description	SKU
HPE SimpliVity 325 Gen12 1 Processor Low 3-year E-LTU	S8K76AAE
HPE SimpliVity 325 Gen12 1 Processor Low 5-year E-LTU	S8K77AAE
HPE SimpliVity 325 Gen12 1 Processor High 3-year E-LTU	S8K79AAE
HPE SimpliVity 325 Gen12 1 Processor High 5-year E-LTU	S8K80AAE

Notes:

- License quantity is based on the usable capacity (TiB) of the deployment.
- Configurations up to 24 Usable TiB drives are classified as Low Tier; configurations above 24 Usable TiB drives are classified as High Tier.

HPE SimpliVity Software

Drive Config	License Quantity/ Usable Capacity (TiB)	License SKU [3 years]	License SKU [5 years]
2 x 1.92 + 3x 1.92	5	S8K76AAE	S8K79AAE
2 x 3.84 + 6 x 1.92	11	S8K76AAE	S8K79AAE
2 x 3.84 + 3 x 3.84	9	S8K76AAE	S8K79AAE
2 x 6.2 + 6 x 3.84	21	S8K76AAE	S8K79AAE
2 x 6.2 + 3 x 7.68	18	S8K76AAE	S8K79AAE
2 x 6.2 + 6 x 7.68	36	S8K77AAE	S8K80AAE

Notes: 36TiB configuration may require exception approval

HPE SimpliVity 325 Gen11: Overview for New System

Use the following steps to order a new HPE SimpliVity 325 Gen11 system:

- **Step 1:** Begin with the selection of Node Quantity & Hypervisor
- **Step 2**: Select the license Term
- **Step 3:** Select the hardware options to add to the base node: processors, memory, storage, networking, power, other optional HW
- **Step 4:** The software license that corresponds to the node **configuration** will be automatically added
- **Step 5:** Select service and support.

Step 1: Begin with the Base Node

Base Node

Action:

- Select the Node Quantity & Hypervisor option:
  - S2V31C – HPE Simplivity 325 Gen11 Node SKU
  - S6C61A - HPE SimpliVity FIO SW VMware
  - S6C62A – HPE SimpliVity FIO SW VM Essentials
- User selection required for License Term

Description	SKU
HPE SimpliVity 325 Gen11 8SFF Configure-to-order Node	S2V31C
HPE SimpliVity FIO Software for VMware	S6C61A
HPE SimpliVity FIO Software for VM Essentials	S6C62A
HPE SimpliVity 325 Gen11 Configure-to-order Solution Tracking	S2V23C
HPE SimpliVity 325 Gen11 Configure-to-order Solution Tracking	S2V23B
HPE SimpliVity 325 Gen11 1 Processor 3-year E-LTU	S6D38AAE
HPE SimpliVity 325 Gen11 1 Processor 5-year E-LTU	S6D37AAE

Notes:

- The Solution tracking SKU is not user selectable and will be added automatically based on the Hypervisor choice
- The E-LTU SKUs are not user selectable, and it will be added by the configurator depending on the year selected

Step 2: Select the Hardware Options to Add to the Base Node:

User selection required for Single Disk Resiliency or Dual Disk Resiliency

Disk Resiliency Type	SKU
HPE SimpliVity Node Tracking with Single Disk Resiliency	S3B77A
HPE SimpliVity Node Tracking with Dual Disk Resiliency	S3B78A

Notes: Currently HPE SimpliVity with HPE VM Essentials Software only supports single disk resiliency.

Processors

4th Generation AMD® EPYC™ CPU

Action:

– Select CPUs for the node

Description	SKU
AMD EPYC 9654P 2.4GHz 96-core 360W Processor for HPE	P53697-B21
AMD EPYC 9554P 3.1GHz 64-core 360W Processor for HPE	P53703-B21
AMD EPYC 9354P 3.25GHz 32-core 280W Processor for HPE	P53704-B21
AMD EPYC 9454P 2.75GHz 48-core 290W Processor for HPE	P53709-B21
AMD EPYC 9474F 3.6GHz 48-core 360W Processor for HPE	P53706-B21
AMD EPYC 9374F 3.85GHz 32-core 320W Processor for HPE	P53710-B21
AMD EPYC 9274F 4.05GHz 24-core 320W Processor for HPE	P53711-B21
AMD EPYC 9174F 4.1GHz 16-core 320W Processor for HPE	P53698-B21
AMD EPYC 9754 2.25GHz 128-core 360W Processor for HPE	P60463-B21
AMD EPYC 9634 2.25GHz 84-core 290W Processor for HPE	P53705-B21
AMD EPYC 9534 2.45GHz 64-core 280W Processor for HPE	P53699-B21
AMD EPYC 9334 2.7GHz 32-core 210W Processor for HPE	P53712-B21
AMD EPYC 9254 2.9GHz 24-core 200W Processor for HPE	P53707-B21
AMD EPYC 9224 2.5GHz 24-core 200W Processor for HPE	P58540-B21
AMD EPYC 9124 3.0GHz 16-core 200W Processor for HPE	P53702-B21
AMD EPYC 9684X 2.55GHz 96-core 400W Processor for HPE	P63493-B21
AMD EPYC 9384X 3.1GHz 32-core 320W Processor for HPE	P63492-B21
AMD EPYC 9184X 3.55GHz 16-core 320W Processor for HPE	P63491-B21

5th Generation AMD® EPYC™ CPU	SKU
AMD EPYC 9845 2.1GHz 160-core 390W Processor for HPE	P72646-B21
AMD EPYC 9825 2.2GHz 144-core 390W Processor for HPE	P72647-B21
AMD EPYC 9745 2.4GHz 128-core 400W Processor for HPE	P72648-B21
AMD EPYC 9645 2.3GHz 96-core 320W Processor for HPE	P72649-B21
AMD EPYC 9655P 2.6GHz 96-core 400W Processor for HPE	P72662-B21
AMD EPYC 9565 3.15GHz 72-core 400W Processor for HPE	P72651-B21
AMD EPYC 9535 2.4GHz 64-core 300W Processor for HPE	P72652-B21
AMD EPYC 9575F 3.3GHz 64-core 400W Processor for HPE	P72758-B21
AMD EPYC 9555P 3.2GHz 64-core 360W Processor for HPE	P72663-B21
AMD EPYC 9475F 3.65GHz 48-core 400W Processor for HPE	P72666-B21
AMD EPYC 9455P 3.15GHz 48-core 300W Processor for HPE	P72664-B21
AMD EPYC 9365 3.4GHz 36-core 300W Processor for HPE	P72655-B21
AMD EPYC 9335 3.0GHz 32-core 210W Processor for HPE	P72656-B21
AMD EPYC 9375F 3.80GHz 32-core 320W Processor for HPE	P72667-B21
AMD EPYC 9355P 3.55GHz 32-core 280W Processor for HPE	P72665-B21

Description	SKU
AMD EPYC 9255 3.20GHz 24-core 200W Processor for HPE	P72658-B21
AMD EPYC 9275F 4.1GHz 24-core 320W Processor for HPE	P72668-B21
AMD EPYC 9135 3.65GHz 16-core 200W Processor for HPE	P72660-B21
AMD EPYC 9115 2.6GHz 16-core 125W Processor for HPE	P72659-B21
AMD EPYC 9175F 4.2GHz 16-core 320W Processor for HPE	P72669-B21

Notes: Please note 4th Gen CPUs only supports DDR-4800 DIMM and 5th Gen supports DDR-6400 DIMM

Memory

DDR5-4800 Registered DIMMs (RDIMMs)	SKU
HPE 16GB (1x16GB) Single Rank x8 DDR5-4800 CAS-40-39-39 EC8 Registered Smart Memory Kit	P50309-B21
HPE 32GB (1x32GB) Dual Rank x8 DDR5-4800 CAS-40-39-39 EC8 Registered Smart Memory Kit	P50311-B21
HPE 64GB (1x64GB) Dual Rank x4 DDR5-4800 CAS-40-39-39 EC8 Registered Smart Memory Kit	P50312-B21
HPE 96GB (1x96GB) Dual Rank x4 DDR5-4800 CAS-46-45-45 EC8 Registered Smart Memory Kit	P66676-B21

DDR5-6400 Registered DIMMs (RDIMMs)	SKU
HPE 16GB (1x16GB) Single Rank x8 DDR5-6400 CAS-52-52-52 EC8 Registered Smart Memory Kit	P64984-B21
HPE 32GB (1x32GB) Dual Rank x8 DDR5-6400 CAS-52-52-52 EC8 Registered Smart Memory Kit	P64985-B21
HPE 64GB (1x64GB) Dual Rank x4 DDR5-6400 CAS-52-52-52 EC8 Registered Smart Memory Kit	P64986-B21
HPE 128GB (1x128GB) Dual Rank x4 DDR5-6400 CAS-52-52-52 EC8 Registered Smart Memory Kit	P64988-B21

Notes:

- Please select one or more memory from above.
- For new Gen11 memory population rule whitepaper and optimal memory performance guidelines, please go to: https://www.HPE.com/psnow/doc/a50007481enw
- 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 128 GB GB memory must be configured per node
- DDR4800 RDIMMs can support up to 3 TB
- DDR6400 RDIMMs can support up to 1.5 TB
- Mixing of x4 & x8 memory is not allowed
- 8 GB-128 GB memory SKUs can run the transfer rate of 3200 MT/s at both 1 DIMM and 2 DIMM per channel

Configuration Information

Boot Device/ Boot RAID controllers	SKU
HPE NS204i-u Gen11 NVMe Hot Plug Boot Optimized Storage Device	P48183-B21
HPE MR216i-o Gen11 x16 Lanes without Cache OCP SPDM Storage Controller	P47789-B21
HPE MR216i-p Gen11 x16 Lanes without Cache PCI SPDM Plug-in Storage Controller	P47785-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 480 GB 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	SKU
HPE SimpliVity 480GB SATA 6G Read Intensive SFF BC Multi Vendor SSD	S1J86A
HPE SimpliVity 960GB SATA 6G Read Intensive SFF BC Multi Vendor SSD	S1J87A

Notes:

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

Storage Controllers	SKU
HPE SR932i-p Gen11 x32 Lanes 8GB Wide Cache PCI SPDM Plug-in Storage Controller	P47184-B21

Notes: User must select qty1 of the same type of Storage controller from the above options

Storage Drives	SKU
HPE SimpliVity 1.92TB SATA 6G Read Intensive SFF BC Multi Vendor SSD	S1J88A
HPE SimpliVity 3.84TB SATA 6G Read Intensive SFF BC Multi Vendor SSD	S1J89A
HPE 7.68TB SATA 6G Read Intensive SFF BC Multi Vendor SSD	P40501-K21

1.92 TB SSD Options

- **If S2V31C Broadcom VMware Hypervisor is selected**
  Qty 4, 6, 8 of S1J88A is required for HPE SimpliVity 325 Gen11
  If S2V31C HPE Morpheus VM Essentials Software Hypervisor is selected
  Qty 4, 6 of S1J88A is required for HPE SimpliVity 325 Gen11

3.84 TB SSD Options

- **If S2V31C Broadcom VMware Hypervisor is selected**
  Qty 4, 6, 8 of S1J89A is required for HPE SimpliVity 325 Gen11
  If S2V31C HPE Morpheus VM Essentials Software Hypervisor is selected
  Qty 4, 6 of S1J89A is required for HPE SimpliVity 325 Gen11

7.68 TB SSD Options

- **If S2V31C Broadcom VMware Hypervisor is selected**
  Qty 4, 6, 8 of P40501-K21 is required for HPE SimpliVity 325 Gen11
- **If S2V31C HPE Morpheus VM Essentials Software Hypervisor is selected**
  Qty 4, 6, 8 of P40501-K21 is required for HPE SimpliVity 325 Gen11

Notes: Some configurations may require exception approval.

Capacity options for Broadcom VMware

Drive Config	Resiliency	*Approx. Usable Capacity [TB]
4 x1.92 TB	FTT1	5.0
6 x1.92 TB	FTT1	8.0
6 x1.92 TB	FTT2	6.0
8 x1.92 TB	FTT1	10.0
4 x3.84 TB	FTT1	10.0
6 x3.84 TB	FTT1	15.0
6 x3.84 TB	FTT2	12.0
8 x3.84 TB	FTT1	21.0
4 x 7.68 TB	FTT1	19.0
6 x 7.68 TB	FTT1	31.0
6 x 7.68 TB	FTT2	23.0
8 x 7.68 TB	FTT1	43.0

Capacity options for HPE Morpheus VM Essentials

Drive Config	Resiliency	*Approx. Usable Capacity [TB]
4 x1.92 TB	FTT1	5.0
6 x1.92 TB	FTT1	8.0
4 x3.84 TB	FTT1	10.0
6 x3.84 TB	FTT1	15.0
4 x 7.68 TB	FTT1	19.0
6 x 7.68 TB	FTT1	31.0
8 x 7.68 TB	FTT1	43.0

Notes:

- Currently HPE VM Essentials only supports FTT1
- For SAS Drive support please reach out to HPE Representative
- Usable capacity is the capacity available after RAID and system overheads have been removed, before deduplication and compression is applied. In the case of Dual Disk Resiliency, the usable capacity will be different
- The usable capacities are approximately and rounded to near zero. For actual capacities please refer to HPE SimpliVity sizer.

Power Supplies

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 1000W Flex Slot Titanium Hot Plug Power Supply Kit	P03178-B21
HPE 1600W Flex Slot -48VDC Hot Plug Power Supply Kit	P17023-B21
HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	P38997-B21
HPE 1800W-2200W Flex Slot Titanium Hot Plug Power Supply Kit	P44712-B21

Notes:

- The power supply requirements can vary based on configuration and environment 800" Power Supply is only Supported with specific configurations. Please refer to HPE Power Advisor for proper power sizing.
- All configured nodes whip with a standard 6 foot IEC C-13/C-14 jumper cord (A0K02a). This jumper cord is also included with each standard AC power supply option kit. If a different power cord is required, please check the HPE ProLiant Power Cables web page: https://h20195.www2.HPE.com/v2/getpdf.aspx/4AA6-6836ENW.pdf

Networking

PCIe NIC Adapters

	SKU
Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	P21106-B21
Broadcom BCM5719 Ethernet 1Gb 4-port BASE-T Adapter for HPE	P51178-B21
Broadcom BCM57416 Ethernet 10Gb 2-port BASE-T Adapter for HPE	P26253-B21
Broadcom BCM57412 Ethernet 10Gb 2-port SFP+ Adapter for HPE	P26259-B21
Broadcom BCM57414 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P26262-B21
Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	P26264-B21
Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P08443-B21
Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	P08458-B21
Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P42044-B21
Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	P21112-B21
Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	P25960-B21

OCP Network Adapters

	SKU
Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	P10106-B21
Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	P42041-B21
Broadcom BCM57416 Ethernet 10Gb 2-port BASE-T OCP3 Adapter for HPE	P10097-B21
Broadcom BCM57412 Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE	P26256-B21
Broadcom BCM57414 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	P10115-B21
Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE	P26269-B21
Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE	P22767-B21
Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	P08449-B21
Broadcom BCM5719 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	P51181-B21

Fiber Channel Host Bus Adapters	SKU
HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	R2E08A
HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	R2E09A
HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter	R2J62A
HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter	R2J63A
HPE SN1700E 64Gb 1-port Fibre Channel Host Bus Adapter	R7N77A
HPE SN1700E 64Gb 2-port Fibre Channel Host Bus Adapter	R7N78A
HPE SN1700Q 64Gb 1-port Fibre Channel Host Bus Adapter	R7N86A
HPE SN1700Q 64Gb 2-port Fibre Channel Host Bus Adapter	R7N87A

Notes:

- Please refer to the HPE ProLiant Gen11 QuickSpecs - https://www.HPE.com/psnow/doc/a50004297enw.pdf?jumpid=in_pdp-psnow-qs
- All the HBA cards to be managed outside of HPE SimpliVity manageability and orchestration.

Graphics

Description	SKU
HPE ProLiant DL3X5 Gen11 OCP1 Upgrade Cable Kit	P56658-B21

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

HPE SimpliVity Software

Action: Based on the number of CPUs in the node, the appropriate software will be included by the configurator.

Description	SKU	Drive Configs	Qty
HPE SimpliVity 325 Gen11 1 Processor Low 3-year E-LTU	S6D44AAE	4x 1.92 TB	4
		6x 1.92 TB	6
		8x 1.92 TB	8
		4x 3.84 TB	8
		6x 3.84 TB	12
		8x 3.84 TB	16
		4x 7.68 TB	16
HPE SimpliVity 325 Gen11 1 Processor High 3-year E-LTU	S6D45AAE	6x 7.68 TB	24
		8x 7.68 TB	32
HPE SimpliVity 325 Gen11 1 Processor Low 5-year E-LTU	S6D42AAE	4x 1.92 TB	4
		6x 1.92 TB	6
		8x 1.92 TB	8
		4x 3.84 TB	8
		6x 3.84 TB	12
		8x 3.84 TB	16
		4x 7.68 TB	16
HPE SimpliVity 325 Gen11 1 Processor High 5-year E-LTU	S6D43AAE	6x 7.68 TB	24
		8x 7.68 TB	32

Notes:

- The License SKU is not user orderable, based on the CPU and Drive Qty selection, HPE configurator adds the corresponding type of license with Qty automatically.
- HPE SimpliVity SW licensing is based on a calculation factor of 1.92 units.
- For every 1 Qty of 1.92 TB SSD 1 Qty of license is added; for every 1 Qty of 3.84 TB SSD 2 Qty of licenses are added; for every 1 Qty of 7.68 TB SSD 4 Qty of licenses are added;

Examples on how the license SKUs are derived/denoted:

Node Configs	Licenses Required
3-Year License Term	
1P 325 Gen 11 4 SSD 1.92 TB	1 Qty S6D38AAE & 4 Qty S6D44AAE
1P 325 Gen 11 4 SSD 3.84 TB	1 Qty S6D38AAE & 8 Qty S6D44AAE
1P 325 Gen 11 8 SSD 1.92 TB	1 Qty S6D38AAE & 8 Qty S6D44AAE
1P 325 Gen 11 8 SSD 3.84 TB	1 Qty S6D38AAE & 16 Qty S6D44AAE
1P 325 Gen 11 8 SSD 7.68 TB	1 Qty S6D38AAE & 16 Qty S6D45AAE
5-Year License Term	
1P 325 Gen 11 4 SSD 1.92 TB	1 Qty S6D37AAE& 4 Qty S6D42AAE
1P 325 Gen 11 4 SSD 3.84 TB	1 Qty S6D37AAE & 8 Qty S6D42AAE
1P 325 Gen 11 8 SSD 1.92 TB	1 Qty S6D37AAE & 8 Qty S6D42AAE
1P 325 Gen 11 8 SSD 3.84 TB	1 Qty S6D37AAE & 16 Qty S6D42AAE
1P 325 Gen 11 8 SSD 7.68 TB	1 Qty S6D37AAE & 16 Qty S6D43AAE

HPE SimpliVity 325 Gen11 Storage Expansion Overview fo Broadcom VMware

Notes: Please note that Storage expansion is only for Perpetual licensing. If you need Term licenses, please reach out to HPE representatives

Use the following steps to expand Storage for your existing HPE SimpliVity 325 Gen11 node:

- **Step 1:** Start with the HPE SimpliVity 325 Gen11 Node/Tracking SKU & Select the option “HPE SimpliVity 325 Gen11 expansion”
- **Step 2:** Select the Disk Resiliency option
- **Step 3:** Select the Storage Drive Capacity Expansion
- **Step 4:** Service and support will be added automatically to perform the storage upgrade, migration, install and redeployment

Step 1: Start with the Expansion Kit SKU

Action: Select the Expansion SKU

Description	SKU
HPE SimpliVity 325 Gen11 8SFF Configure-to-order Node	S2V31A

Step 2: Select the Disk Resiliency Expansion

Action: Select the option

Description	SKU
HPE SimpliVity Node Tracking with Single Disk Resiliency	S3B77A
HPE SimpliVity Node Tracking with Dual Disk Resiliency	S3B78A
HPE SimpliVity 325 Gen11 1 Processor Expansion E-RTU	S4U94AAE

Notes: E-RTU SKU will be automatically added by OCA

Step 3: Select the Storage Drive Capacity Expansion

Action: Select the option

Description	SKU
HPE SimpliVity 1.92TB SATA 6G Read Intensive SFF BC Multi Vendor SSD	S1J88A
HPE SimpliVity 3.84TB SATA 6G Read Intensive SFF BC Multi Vendor SSD	S1J89A

Notes:

- One of the options can be selected based on the disk resiliency selected
  - Storage Expansion 1 processor, from 4 to 6 1.92 TB drives
  - Storage Expansion 1 processor, from 4 to 8 1.92 TB drives
  - Storage Expansion 1 processor, from 6 to 8 1.92 TB drives
  - Storage Expansion 1 processor, from 4 to 6 3.84 TB drives
  - Storage Expansion 1 processor, from 4 to 8 3.84 TB drives
  - Storage Expansion 1 processor, from 6 to 8 3.84 TB drives

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.

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

Use the following steps to expand Storage for your existing HPE 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.

Description	SKU
HPE SimpliVity 325 Expansion Kit	S0N29A

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 > 325 x6 SSD
- 325 x6 SSD >325 x8 SSD (only on HPE SimpliVity 325 Gen10 Plus V2 models)

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.

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 or you may also contact sustainability@hpe.com

Summary of Changes

Date	Version History	Action	Description of Change
08-Sep-2026	Version 16	Changed	This version represents a major platform refresh rather than a maintenance update. The document transitions the lead platform from HPE SimpliVity 325 Gen11 (DL325 Gen11) to HPE SimpliVity 325 Gen12 (DL325 Gen12), introduces a new storage architecture based on SAS SSDs and MR416 controllers, adds HPE SimpliVity Software 7.0, introduces HPE StoreOnce integration, Stretch Cluster capabilities, HPE VM Essentials enhancements, and reworks licensing from primarily socket-oriented messaging to a new Usable Capacity (TiB) licensing model for Gen12. At the same time, the document retains Gen11 content for installed-base support. The cumulative effect of this version is a strategic repositioning from a Gen11-based hyperconverged platform to a next-generation Gen12 platform. – Positioning Strengthened Through – New DL325 Gen12 infrastructure – Larger memory scale (up to 6 TB+) – SAS-based storage architecture – SimpliVity Software 7.0 – StoreOnce integration – Stretch Cluster capability – Improved upgrade in lifecycle management – Broader Morpheus VM Essentials value proposition – Capacity-based licensing flexibility
		Removed	Obsolete or not supported SKUs removed - P50313-B21, P50314-B21
05-Feb-2026	Version 15	Added	– Added new content in “What’s New” section. – Added SKUs for HPE SimpliVity FIO SW VMware (S6C61A) and HPE SimpliVity FIO SW VM Essentials (S6C62A) under “Step 1: Begin with the Base Node.” – Added clarifications under “Step 2: Select the Hardware Options to Add to the Base Node.”
		Changed	Updated “EU Lot9 Regulation” section; revised copyright year to 2026; updated footer details including document identifier and version.
		Removed	Removed outdated SKUs and references under “Step 1: Begin with the Base Node,” including S2V31B and related text.
15-Dec-2025	Version 14	Changed	Rebranding applied to document.
25-Aug-2025	Version 13	Changed	Bullet removed from Hardware Features notes in Overview section.
07-Jul-2025	Version 12	Changed	Introducing hypervisor integration of HPE SimpliVity with HPE Morpheus VM Essentials, now supported on both SimpliVity 380 and 325 Gen11 platforms. The update also brings new term-based licensing options for HPE SimpliVity and expanded support for 7.68 TB capacity points

Summary of Changes

Date	Version History	Action	Description of Change
14-Apr-2025	Version 11	Changed	Overview, Standard Features, and Configuration Information sections were updated.
04-Nov-2024	Version 10	Changed	Configuration Information section was updated
05-Aug-2024	Version 9	Changed	Overview, Standard Features, and Configuration Information sections were updated.
28-Mar-2024	Version 8	Changed	Overview, Standard Features and Configuration Information sections were updated.
19-Jan-2024	Version 7	Changed	Configuration Information section was updated. VMware vSphere SKUs were removed.
08-Jan-2024	Version 6	Changed	Overview and Service and Support sections were updated.
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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a50004270enw - 16874 - Worldwide - V16 - 08-September-2026
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