

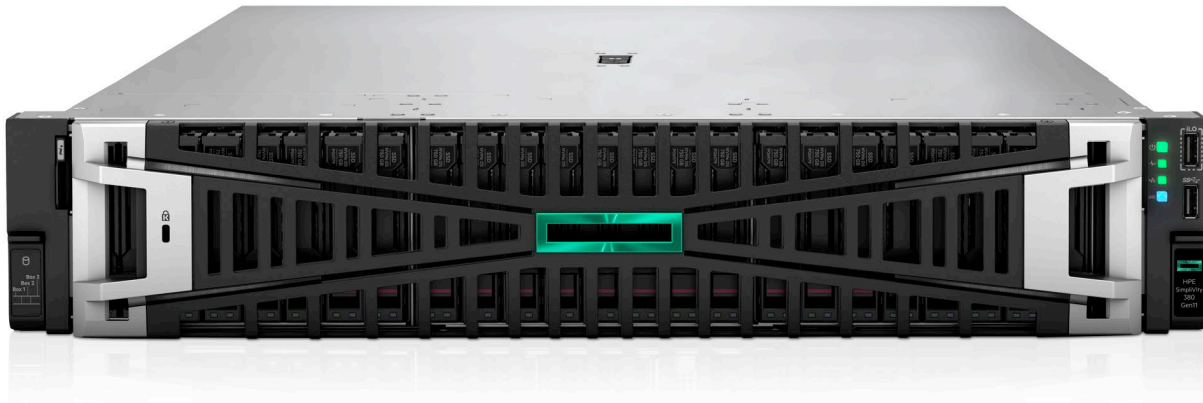
HPE SimpliVity 380 QuickSpecs

A compact, scalable, 2U rack-mounted building block that delivers integrated server, storage, and storage networking services

Adaptable for diverse virtualized workloads, the secure 2U HPE SimpliVity 380 platforms deliver world-class performance with the right balance of expandability and scalability.

Delivering advanced efficiency, management, protection, and performance, at a fraction of the cost and complexity of traditional stacks with the HPE SimpliVity 380 - 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.

Overview

**HPE SimpliVity 380 Gen11**

What's New

- HPE SimpliVity 380 Gen11 now supports HPE Morpheus VM Essentials Software
- HPE SimpliVity Software 6.0 with HPE Morpheus VM Essentials
- HPE SimpliVity Software 5.3.1 with Broadcom VMware
- HPE SimpliVity now supports Socket-based Term licensing
- Intel 5th Generation Xeon Scalable Processors (Emerald Rapids)
- DDR5 Smart Memory – 5600 MT/s
- Introducing a new capacity: 7.68 TB SATA SSD PCIe 5.0 support
- PCIe – 200 GB NIC adapters
- **HPE SimpliVity 380 Gen11 now supports HPE Morpheus VM Essential Software**

Software Features

- HPE SimpliVity Software 6.2.0 Version supports HPE Morpheus VM Essentials Software
- HPE InfoSight server integration
- VM provisioning and lifecycle operations
- Hyper-efficiency
- 2-Node HA
- Built-in Data Protection
- Backup & Restore
- HPE SimpliVity management plugin for HPE VM Essentials Manager
- HPE SimpliVity with HPE Morpheus VM Essentials must be deployed in a separate federation

Hardware Features

- Single disk resiliency on HPE SimpliVity 380 Gen11 nodes
- Hot-serviceable boot drives
- Redundant power supplies
- Integrated storage controller with battery-backed cache
- HPE ProLiant Integrated Lights-Out Advanced (iLO) 5 Remote Management

Overview

Notes:

- It is strongly recommended that an HPE SimpliVity 380 Gen11 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 Essential and Broadcom VMware clusters

HPE SimpliVity 380 Gen11 supports **Broadcom VMware**

Software Features

- HPE SimpliVity now supports HPE SimpliVity Software 5.3.1 with Broadcom VMware
- HPE SimpliVity supports HPE GreenLake for Private Cloud Business Edition Cloud Console
- Broadcom VMware licenses (customer to procure from authorized distributor).
- HPE SimpliVity management plugin for VMware vCenter
- HPE Backup Archive to HPE Cloud Bank Storage
- HPE StoreOnce Integration with Data Immutability
- Optional Data Encryption support
- Optional RapidDR support
- HPE SimpliVity with Broadcom VMware must be deployed in a separate federation

Notes:

- For RapidDR information, please see the HPE SimpliVity RapidDR Data Sheet and QuickSpecs <https://h20195.www2.HPE.com/v2/getdocument.aspx?docname=a00018755enw>
- For VMware and HW compatibility, please see the HPE SimpliVity OmniStack Interoperability Guide <https://www.HPE.com/info/simplivity-interop-doc> or [HPE Support Center portal](#)

Hardware Features

- Cluster expansion without downtime
- Choice of Single Disk resiliency or Dual Disk resiliency on HPE SimpliVity 380 Gen11 nodes
- Hot-serviceable boot drives
- Redundant power supplies
- Integrated storage controller with battery-backed cache

Scalable and Configurable

- Expandable in 1 node increments up to 96 total nodes per federation
- Processor – 5th Intel® Xeon® Scalable Processors
- Memory – 128 GB to 8192 GB (Per node depending on the platform and configuration)
- Network – 200 Gb, 100 Gb, 10/25 Gb, 1 Gb (depending on the platform and configuration)
- Redundant Power Supplies
- All in a compact 2U form factor

Notes:

- It is strongly recommended that an HPE SimpliVity 380 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 Essential and Broadcom VMware clusters

Overview

VMware Software

- A valid VMware vSphere license is required for each host (Please refer to VMware licensing guidelines)
- VMware licenses must be procured through Broadcom VMware or authorized distributor.
- License types offered by VMware,
 - vSphere Foundation
 - vSphere Standard
 - vSphere Essentials Plus Kit

HPE ProLiant Integrated Lights-Out Advanced (iLO) 5 Remote Management

HPE SimpliVity now supports VMware ESXi 8.0U3 (refer to interop guide)

HPE SimpliVity is supported with HPE GreenLake Private Cloud Business Edition*

- Customers can leverage features for the HPE SimpliVity environment such as viewing federated clusters, and VM provisioning operations
- Customers can also manage public cloud infrastructure and leverage other additional capabilities which will be offered on the platform in the future
- Global dashboard Includes (VM and clusters information, capacity details/trends, performance details/trends, alerts, protection levels)
- Simple VM provisioning wizard for both on-prem and public cloud instances including VM power cycle and on-prem VM migration operations.

Notes:

- Refer HPE GreenLake for Private Cloud Business edition QuickSpecs
<https://psnow.ext.HPE.com/doc/a50004281enw>
- ***VMware licenses must be procured through authorized distributors
- For VMware and HW compatibility and software details, please visit:
<https://www.HPE.com/info/simplivity-interop-doc>, [HPE Support Center portal](#) and [SimpliVity Drivers and Software](#)

Services

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

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

Section 3: HPE SimpliVity Term Based licensing

Every HPE SimpliVity nodes will now have socket-based term licenses which includes HPE SimpliVity Software, HPE VM Essentials Software and Support.

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

Standard Features

Features

HPE SimpliVity 380 Gen11

Node Size	2U		
Processors	Powered by - 5 th Gen Intel® Xeon® Scalable Processors 8 to 64 cores selectable, 1 or 2 CPU options		
Memory	Up to 8 TB		
Hypervisor	HPE Morpheus VM Essentials Software OR Broadcom VMware		
Boot Controller	Choice of Smart Array MR216i-p, MR216i-o or NS204i-p boot controllers		
Boot Disks	480 GB SSD Boot disks (Not required with NS204i-p)		
Storage	All Flash Storage Options (Read Intensive SSDs)		
	Capacity Options for Broadcom VMware:		
	SSD Configs	Resiliency	*Approx. Usable capacity (TB)
	6 x1.92 TB	FTT1	8.0
	6 x1.92 TB	FTT2	6.0
	8 x1.92 TB	FTT1	11.0
	9 x1.92 TB	FTT2	9.0
	12 x1.92 TB	FTT1	15.0
	12 x1.92 TB	FTT2	12.0
	16 x1.92 TB	FTT1	21.0
	6 x3.84 TB	FTT1	15.0
	6 x3.84 TB	FTT2	12.0
	8 x3.84 TB	FTT1	21.0
	9 x3.84 TB	FTT2	19.0
	12 x3.84 TB	FTT1	31.0
	12 x3.84 TB	FTT2	23.0
	16 x3.84 TB	FTT1	43.0
	6 x7.68 TB	FTT1	30.0
	6 x7.68 TB	FTT2	23.0
	8 x7.68 TB	FTT1	43.0
	9 x7.68 TB	FTT2	39.0
	12 x7.68 TB	FTT1	62.0
	12 x7.68 TB	FTT2	47.0
	16 x7.68 TB	FTT1	86.0
	Capacity Options for HPE Morpheus VM Essentials		
	SSD Configs	Resiliency	*Approx. Usable capacity (TB)
	6 x1.92 TB	FTT1	8.0
8 x1.92 TB	FTT1	11.0	
6 x3.84 TB	FTT1	15.0	
8 x3.84 TB	FTT1	21.0	
6 x7.68 TB	FTT1	30.0	
8 x7.68 TB	FTT1	43.0	

Standard Features

	<p>Notes:</p> <ul style="list-style-type: none"> - Currently 9, 12 & 16 Qty of 1.92 TB /3.84/7.68 TB are not supported for HPE Morpheus VM Essentials - Currently HPE Morpheus VM Essentials only supports Single Disk Resiliency. Dual Disk Resiliency will be planned for future - FTT1 – Fault Tolerance 1, FTT2 – Fault Tolerance 2 - Some configurations may require exception approval - Usable capacities are approximate based on the disk resiliency chosen - *The usable capacities are approximately and rounded to near zero, for actual capacities please refer to SimpliVity sizer
Power Supplies	HPE 800 W, 1000 W, 1600 W, 1800-2200 W Flex slot power supply Kit - Please refer to the below configuration section for the options
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 380 Gen11 solution support (required)
Licenses	Socket based Term license - 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. 800 W power supplies are only supported with specific configurations.

Benefits

HPE InfoSight for HPE SimpliVity enables predictive data analytics

For HPE SimpliVity nodes HPE InfoSight is free with no license requirements and 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. It now supports HPE InfoSight for Server Integration for HPE SimpliVity combining the machine learning and predictive analytics of HPE InfoSight with the health and performance monitoring of Active Health System (AHS) and HPE iLO to optimize performance, predict, and prevent problems. This provides automatic collection and analysis of the sensor and telemetry data (for heat fans, DIMMS as examples) from AHS to derive insights from the behaviors of the install base to provide recommendations to resolve problems and improve performance.

Fully integrated system

Combines x86 resources, storage, and storage networking in a single 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. Inline deduplication, compression, and optimization helps minimize I/O and network traffic, improving performance while delivering great storage and bandwidth efficiency.

Standard Features

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

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 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 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 StoreOnce also provides Data Immutability for better protection against ransomware attacks.**

Notes: ** Currently not support for HPE Morpheus VM Essentials Software

Software Overview

Pre-integrated Software

- HPE SimpliVity Startup Wizard

Virtualization Platform Software and Licenses

- HPE SimpliVity 380 Gen11support VMware vSphere ESXi
- VMware vSphere installation media is required to complete the installation when ordering HPE SimpliVity 380 Gen11
- Valid licenses for the following VMware software components are required when ordering HPE SimpliVity 380 nodes
 - VMware vSphere license(s) depending on core count. (please refer to Broadcom VMware licensing guidelines)
 - VMware vSphere license(s) per node: customer to procure from authorized distributor
 - VMware vCenter license: customer to procure from authorized distributor

Notes:

- HPE SimpliVity 380 supports VMware vSphere & vCenter (Refer to HPE SimpliVity Interop Guide).
 - For VMware and HW compatibility, please visit [HPE Support Center portal](https://www.HPE.com/info/simplivity-interop-doc) or <https://www.HPE.com/info/simplivity-interop-doc>
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Standard Features

HPE Morpheus VM Essentials Software

- 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
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Management for HPE Morpheus VM Essentials Software

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

Management for Broadcom VMware

- HPE InfoSight for HPE SimpliVity
 - VMware vCenter for Broadcom VMware
 - HPE SimpliVity management plugin for VMware vCenter
 - HPE GreenLake Private Cloud Business Edition
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Service and Support

HPE Services

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

<https://www.HPE.com/services>

Consulting Services

No matter where you are in your journey to hybrid cloud, experts can help you map out your next steps. From determining what workloads should live where, to handling governance and compliance, to managing costs, our experts can help you optimize your operations.

<https://www.HPE.com/services/consulting>

HPE Managed Services

HPE runs your IT operations, providing 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.

[HPE Managed Services | HPE](#)

Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources. Meet service-level targets and business objectives with features designed to drive better business outcomes.

<https://www.HPE.com/services/operational>

HPE Complete Care Service

HPE Complete Care Service is a modular, edge-to-cloud IT environment service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals through a personalized experience. All delivered by an assigned team of HPE Services experts. HPE Complete Care Service 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/complecare>

Service and Support

HPE Tech Care Service

HPE Tech Care Service is the operational support service experience for HPE products. The service 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 Tech Care Service delivers a customer-centric, AI driven, and digitally enabled customer experience to move your business forward. HPE Tech Care Service 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 Lifecycle Services

HPE Lifecycle Services provide a variety of options to help maintain your HPE systems and solutions at all stages of the product lifecycle. A few popular examples include:

- Lifecycle Install and Startup Services: Various levels for physical installation and power on, remote access setup, installation and startup, and enhanced installation services with the operating system.
- HPE Firmware Update Analysis Service: Recommendations for firmware revision levels for selected HPE products, taking into account the relevant revision dependencies within your IT environment.
- HPE Firmware Update Implementation Service: Implementation of firmware updates for selected HPE server, storage, and solution products, taking into account the relevant revision dependencies within your IT environment.
- Implementation assistance services: Highly trained technical service specialists to assist you with a variety of activities, ranging from design, implementation, and platform deployment to consolidation, migration, project management, and onsite technical forums.
- HPE Service Credits: Access to prepaid services for flexibility to choose from a variety of specialized service activities, including assessments, performance maintenance reviews, firmware management, professional services, and operational best practices.

Notes: To review the list of Lifecycle Services available for your product go to:

<https://www.HPE.com/services/lifecycle>

For a list of the most frequently purchased services using service credits, see the [HPE Service Credits Menu](#)

Other Related Services from HPE Services:

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Broad catalogue of course offerings to expand skills and proficiencies in topics ranging from cloud and cybersecurity to AI and DevOps. 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.

<https://www.HPE.com/services/training>

Defective Media Retention

An option available with HPE Complete Care Service and HPE Tech Care Service and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

Service and Support

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

Parts and Materials

HPE 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 quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

How to Purchase Services

Services are sold by Hewlett Packard Enterprise 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 services at <https://ssc.HPE.com/portal/site/ssc/>

AI Powered and Digitally Enabled Support Experience

Achieve faster time to resolution with access to product-specific resources and expertise through a digital and data driven customer experience.

Sign into the HPE Support Center experience, featuring streamlined self-serve case creation and management capabilities with inline knowledge recommendations. You will also find personalized task alerts and powerful troubleshooting support through an intelligent virtual agent with seamless transition when needed to a live support agent.

<https://support.HPE.com/hpesc/public/home/signin>

Consume IT On Your Terms

[HPE GreenLake](#) edge-to-cloud platform brings the cloud experience directly to your apps and data wherever they are—the edge, co-locations, 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 edge-to-cloud platform accelerates digital transformation in a distributed, edge-to-cloud world.

- Gain 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

To learn more about HPE 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>

For more information

<http://www.HPE.com/services>

Configuration Information

HPE SimpliVity 380 Gen11: Overview for New System

Use the following steps to order a new HPE SimpliVity 380 Gen11 system: processors, memory, storage, networking, power, other optional HW

Step 1: Begin with the selection of Node & 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 & Hypervisor option
 - S2V30C – HPE SimpliVity 380 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 380 Gen11 8SFF Configure-to-order Node	S2V30C
HPE SimpliVity FIO SW VMware	S6C61A
HPE SimpliVity FIO SW VM Essentials	S6C62A
HPE SimpliVity 380 Gen11 Configure-to-order Solution Tracking	S2V22C
HPE SimpliVity 380 Gen11 1 Processor 3-year E-LTU	S6C67AAE
HPE SimpliVity 380 Gen11 2 Processors 3-year E-LTU	S6C68AAE
HPE SimpliVity 380 Gen11 1 Processor 5-year E-LTU	S6C71AAE
HPE SimpliVity 380 Gen11 2 Processors 5-year E-LTU	S6C72AAE

Notes: Please note the E-LTU SKUs are not user selectable. Depending on the CPU configured, one of the two E-LTUs will be added by the configurator for the SW licensing.

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

Notes: At least 1 Disk resiliency SKU is needed

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 Morpheus VM essentials only supports Single Disk Resiliency

Processors

5th Generation Intel® Xeon® Scalable Processors

Action:

- Select CPUs for the node

Configuration Information

Platinum

	SKU
Intel Xeon-Platinum 8558 2.1 GHz 48-core 330 W Processor for HPE	P67097-B21
Intel Xeon-Platinum 8558P 2.7 GHz 48-core 350 W Processor for HPE	P67108-B21
Intel Xeon-Platinum 8558U 2.0 GHz 48-core 300 W Processor for HPE	P67102-B21
Intel Xeon-Platinum 8562Y+ 2.8 GHz 32-core 300 W Processor for HPE	P67085-B21
Intel Xeon-Platinum 8568Y+ 2.3 GHz 48-core 350 W Processor for HPE	P67086-B21
Intel Xeon-Platinum 8570 2.1 GHz 56-core 350 W Processor for HPE	P67087-B21
Intel Xeon-Platinum 8580 2.0 GHz 60-core 350 W Processor for HPE	P67088-B21
Intel Xeon-Platinum 8581 V 2.0 GHz 60-core 270 W Processor for HPE	P67109-B21
Intel Xeon-Platinum 8592 V 2.0 GHz 64-core 330 W Processor for HPE	P67107-B21
Intel Xeon-Platinum 8592+ 1.9 GHz 64-core 350 W Processor for HPE	P67089-B21

Gold

	SKU
Intel Xeon-Gold 5515+ 3.2 GHz 8-core 165 W Processor for HPE	P67079-B21
Intel Xeon-Gold 5520+ 2.2 GHz 28-core 205 W Processor for HPE	P67094-B21
Intel Xeon-Gold 6526Y 2.8 GHz 16-core 195 W Processor for HPE	P67080-B21
Intel Xeon-Gold 6530 2.1 GHz 32-core 270 W Processor for HPE	P67095-B21
Intel Xeon-Gold 6534 3.9 GHz 8-core 195 W Processor for HPE	P67083-B21
Intel Xeon-Gold 6538Y+ 2.2 GHz 32-core 225 W Processor for HPE	P67096-B21
Intel Xeon-Gold 6542Y 2.9 GHz 24-core 250 W Processor for HPE	P67081-B21
Intel Xeon-Gold 6544Y 3.6 GHz 16-core 270 W Processor for HPE	P67084-B21
Intel Xeon-Gold 6548Y+ 2.5 GHz 32-core 250 W Processor for HPE	P67082-B21
Intel Xeon-Gold 6554S 2.2 GHz 36-core 270 W Processor for HPE	P67110-B21

Silver

	SKU
Intel Xeon-Silver 4509Y 2.6 GHz 8-core 125 W Processor for HPE	P67090-B21
Intel Xeon-Silver 4510 2.4 GHz 12-core 150 W Processor for HPE	P67091-B21
Intel Xeon-Silver 4514Y 2.0 GHz 16-core 150 W Processor for HPE	P67092-B21
Intel Xeon-Silver 4516Y+ 2.2 GHz 24-core 185 W Processor for HPE	P67093-B21

Notes: All Intel Xeon 5th Gen processors require PC5-5600B Memory.

Memory

Action:

Select a memory capacity for the node

The appropriate memory and quantity will be included by the configurator

1 Kit required per CPU

DDR5 Registered DIMMs (RDIMMs) → DDR5-5600 for Intel 5th Gen Xeon Processors (Emerald Rapids)

	SKU
HPE 16 GB (1x16GB) Single Rank x8 DDR5-5600 CAS-46-45-45 EC8 Registered Smart Memory Kit	P64705-B21
HPE 32 GB (1x32GB) Dual Rank x8 DDR5-5600 CAS-46-45-45 EC8 Registered Smart Memory Kit	P64706-B21
HPE 64 GB (1x64GB) Dual Rank x4 DDR5-5600 CAS-46-45-45 EC8 Registered Smart Memory Kit	P64707-B21
HPE 128 GB (1x128GB) Quad Rank x4 DDR5-5600 CAS-52-45-45 EC8 Registered 3DS Smart Memory Kit	P64709-B21
HPE 256 GB (1x256GB) Octal Rank x4 DDR5-5600 CAS-52-45-45 EC8 Registered 3DS Smart Memory Kit	P64710-B21

Notes: Please note Intel 5th Gen Xeon Processor supports DDR-5600 Memory Kits only

For more information go to: <http://www.HPE.com/docs/memory-population-rules>

Configuration Information

Boot SSD Drives

	SKU
HPE SimpliVity 480 GB SATA 6G Read Intensive SFF BC Multi Vendor SSD	S1J86A
HPE SimpliVity 960 GB 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-u Controller, there is no need to select boot SSDs since NS204i-u it comes with NVMe drives

Storage Controllers

	SKU
HPE SR932i-p Gen11 x32 Lanes 8 GB 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 1.92 TB SATA 6G Read Intensive SFF BC Multi Vendor SSD	S1J88A
HPE SimpliVity 3.84 TB SATA 6G Read Intensive SFF BC Multi Vendor SSD	S1J89A
HPE 7.68 TB SATA 6G Read Intensive SFF BC Multi Vendor SSD	P40501-K21

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

1.92 TB SSD Options

- **If S2V30C Broadcom VMware Hypervisor is selected**
Qty 6, 8, 9,12, 16 of S1J89A is selectable for HPE SimpliVity 380 Gen11
- **If S2V30CHPE Morpheus VM Essentials Hypervisor is selected**
Qty 6, 8 of S1J89A is selectable for HPE SimpliVity 380 Gen11

3.84 TB SSD Options

- **If S2V30C Broadcom VMware Hypervisor is selected**
Qty 6, 8, 9,12, 16 of S1J89A is selectable for HPE SimpliVity 380 Gen11
- **If S2V30C HPE Morpheus VM Essentials Hypervisor is selected**
Qty 6, 8 of S1J89A is selectable for HPE SimpliVity 380 Gen11

7.68 TB SSD Options

- **If S2V30C Broadcom VMware Hypervisor is selected**
Qty 6, 8, 9,12, 16 of S1J89A is selectable for HPE SimpliVity 380 Gen11
- **If S2V30C HPE Morpheus VM Essentials Hypervisor is selected**
Qty 6, 8 of S1J89A is selectable for HPE SimpliVity 380 Gen11

Notes: Some configurations may require exception approval

Configuration Information

Usable Capacity		
SSD Configs	Resiliency	*Approx. Usable capacity (TB)
6 x1.92 TB	FTT1	8.0
6 x1.92 TB	FTT2	6.0
8 x1.92 TB	FTT1	11.0
9 x1.92 TB	FTT2	9.0
12 x1.92 TB	FTT1	15.0
12 x1.92 TB	FTT2	12.0
16 x1.92 TB	FTT1	21.0
6 x3.84 TB	FTT1	15.0
6 x3.84 TB	FTT2	12.0
8 x3.84 TB	FTT1	21.0
9 x3.84 TB	FTT2	19.0
12 x3.84 TB	FTT1	31.0
12 x3.84 TB	FTT2	23.0
16 x3.84 TB	FTT1	43.0
6 x7.68 TB	FTT1	30.0
6 x7.68 TB	FTT2	23.0
8 x7.68 TB	FTT1	43.0
9 x7.68 TB	FTT2	39.0
12 x7.68 TB	FTT1	62.0
12 x7.68 TB	FTT2	47.0
16 x7.68 TB	FTT1	86.0

Usable Capacity		
SSD Configs	Resiliency	*Approx. Usable capacity (TB)
6 x1.92 TB	FTT1	8.0
8 x1.92 TB	FTT1	11.0
6 x3.84 TB	FTT1	15.0
8 x3.84 TB	FTT1	21.0
6 x7.68 TB	FTT1	30.0
8 x7.68 TB	FTT1	43.0

Notes: 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 SimpliVity Sizer

Power Supplies

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 Platinum Hot Plug Low Halogen Power Supply Kit
HPE 1600 W Flex Slot -48VDC Hot Plug Power Supply Kit
HPE 1800 W -2200 W Flex Slot Titanium Hot Plug Power Supply Kit

SKU

P38995-B21
PO3178-B21
P38997-B21
P17023-B21
P44712-B21

Configuration Information

Notes:

- The power supply requirements can vary based on configuration and environment 800W Power Supply is only Supported with specific configurations. Please refer to HPE Power Advisor for proper power sizing.
- All configured nodes ship 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 ProLiant Power Cables web page: <https://h20195.www2.HPE.com/v2/getpdf.aspx/4AA6-6836ENW.pdf>

Networking

PCIe NIC Adapters

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

OCP Network Adapters

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

Fiber Channel Host Bus Adapters

	SKU
HPE SN1610Q 32 GB 1-port Fibre Channel Host Bus Adapter	R2E08A
HPE SN1610Q 32 GB 2-port Fibre Channel Host Bus Adapter	R2E09A
HPE SN1610E 32 GB 1-port Fibre Channel Host Bus Adapter	R2J62A
HPE SN1610E 32 GB 2-port Fibre Channel Host Bus Adapter	R2J63A
HPE SN1700E 64 GB 1-port Fibre Channel Host Bus Adapter	R7N77A
HPE SN1700E 64 GB 2-port Fibre Channel Host Bus Adapter	R7N78A

Notes:

- Please refer to the ProLiant Gen11 QuickSpecs - https://www.HPE.com/psnow/doc/a50004307enw.pdf?jumpid=in_pdp-psnow-qs
- All the HBA cards to be managed outside of SimpliVity manageability and orchestration.

Configuration Information

Networking Upgrades

	SKU
HPE ProLiant DL3XX Gen11 OCP1 x16 Enablement Kit	P48827-B21
HPE ProLiant DL3XX Gen11 OCP2 x16 Enablement Kit	P48828-B21
HPE ProLiant DL3XX Gen11 CPU2 to OCP2 x8 Enablement Kit	P48830-B21
HPE ProLiant DL360 Gen11 CPU1 to OCP2 x8 Enablement Kit	P51911-B21

Graphics

	SKU
NVIDIA A16 64 GB PCIe Non-CEC Accelerator for HPE	R8T26C
NVIDIA L4 24 GB PCIe Accelerator for HPE	S0K89C
NVIDIA L40 48 GB PCIe Accelerator for HPE	S0K90C
NVIDIA L40S 48 GB PCIe Accelerator	S2L70C
Intel Data Center GPU Max 1100 48 GB Accelerator for HPE	S1T66C

Notes: For NVIDIA H100 & L40S support please reach out to HPE representative

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 and Qty of drives in the node, the appropriate software will be included by the configurator

New SimpliVity license is based on the incremental factor of 1.92

For every 1.92 TB SSD- Qty 1 of license SKU is added

For every 3.84 TB SSD- Qty 2 of license SKU is added

For every 7.68 TB SSD- Qty 4 of license SKU is added

Description	SKU	Drive Configs	Qty
HPE SimpliVity 380 Gen11 1 Processor Low 3-year E-LTU	S6C81AAE	6x 1.92 TB	6
		8x 1.92 TB	8
		9x 1.92 TB	9
		12x 1.92 TB	12
		16x 1.92 TB	16
		6x 3.84 TB	12
		8x 3.84 TB	16
HPE SimpliVity 380 Gen11 1 Processor High 3-year E-LTU	S6C82AAE	9x 3.84 TB	18
		12x 3.84 TB	24
		16x 3.84 TB	32
		6x 7.68 TB	24
		8x 7.68 TB	32
		9x 7.68 TB	36
		12x 7.68 TB	48
HPE SimpliVity 380 Gen11 2 Processors Low 3-year E-LTU	S6C83AAE	6x 1.92 TB	6
		8x 1.92 TB	8
		9x 1.92 TB	9
		12x 1.92 TB	12

Configuration Information

		16x 1.92 TB	16
		6x 3.84 TB	12
		8x 3.84 TB	16
HPE SimpliVity 380 Gen11 2 Processors High 3-year E-LTU	S6C84AAE	9x 3.84 TB	18
		12x 3.84 TB	24
		16x 3.84 TB	32
		6x 7.68 TB	24
		8x 7.68 TB	32
		9x 7.68 TB	36
		12x 7.68 TB	48
		16x 7.68 TB	64

Description	SKU	Drive Configs	Qty
HPE SimpliVity 380 Gen11 1 Processor Low 5-year E-LTU	S6C89AAE	6x 1.92 TB	6
		8x 1.92 TB	8
		9x 1.92 TB	9
		12x 1.92 TB	12
		16x 1.92 TB	16
		6x 3.84 TB	12
		8x 3.84 TB	16
		HPE SimpliVity 380 Gen11 1 Processor High 5-year E-LTU	S6C90AAE
12x 3.84 TB	24		
16x 3.84 TB	32		
6x 7.68 TB	24		
8x 7.68 TB	32		
9x 7.68 TB	36		
12x 7.68 TB	48		
16x 7.68 TB	64		
HPE SimpliVity 380 Gen11 2 Processors Low 5-year E-LTU	S6C91AAE	6x 1.92 TB	6
		8x 1.92 TB	8
		9x 1.92 TB	9
		12x 1.92 TB	12
		16x 1.92 TB	16
		6x 3.84 TB	12
		8x 3.84 TB	16
		HPE SimpliVity 380 Gen11 2 Processors High 5-year E-LTU	S6C92AAE
12x 3.84 TB	24		
16x 3.84 TB	32		
6x 7.68 TB	24		
8x 7.68 TB	32		
9x 7.68 TB	36		
12x 7.68 TB	48		
16x 7.68 TB	64		

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 the required Qty automatically.

Configuration Information

1. HPE SimpliVity SW licensing is based on a calculation factor of 1.92 units.
2. For every 1Qty of 1.92 TB SSD 1 Qty of license is added; for every 1Qty of 3.84 TB SSD 2 Qty of licenses are added.
 - Low count refers to calculation factor of 1.92 with Qty less than or equal to 16
 - High count refers to calculation factor of 1.92 with Qty more than 16

Examples on how the license SKUs are derived/denoted -

Node Config	Licenses required
3 Year Term License	
1P	
1P 380 Gen 11 6 SSD 1.92 TB	1 Qty S6C67AAE & 6 Qty S6C81AAE
1P 380 Gen 11 6 SSD 3.84 TB	1 Qty S6C67AAE & 12 Qty S6C81AAE
1P 380 Gen 11 9 SSD 3.84 TB	1 Qty S6C67AAE & 18 Qty S6C82AAE
1P 380 Gen 11 12 SSD 3.84 TB	1 Qty S6C67AAE & 24 Qty S6C82AAE
1P 380 Gen 11 12 SSD 7.68 TB	1 Qty S6C67AAE & 48 Qty S6C82AAE
2P	
2P 380 Gen 11 6 SSD 1.92 TB -	1 Qty S6C68AAE & 6 Qty S6C83AAE
2P 380 Gen 11 6 SSD 3.84 TB	1 Qty S6C68AAE & 12 Qty S6C83AAE
2P 380 Gen 11 9 SSD 3.84 TB	1 Qty S6C68AAE & 18 Qty S6C84AAE
2P 380 Gen 11 12 SSD 3.84 TB	1 Qty S6C68AAE & 24 Qty S6C84AAE
2P 380 Gen 11 12 SSD 7.68 TB	1 Qty S6C68AAE & 48 Qty S6C84AAE

HPE SimpliVity 380 Gen10 Storage Expansion Overview for Broadcom VMware

Step 1: Start with the Expansion Kit SKU

Action: Select the Expansion SKU.

Description

HPE SimpliVity 380 Gen10 Expansion Kit

SKU

R1F85A

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.

Description

HPE SimpliVity 380 1 Processor Small to Medium Storage Upgrade E-LTU

R1F86AAE

HPE SimpliVity 380 2 Processors Small to Medium Storage Upgrade E-LTU

R1F88AAE

HPE SimpliVity 380 1 Processor Medium to Large Storage Upgrade E-LTU

R1F87AAE

HPE SimpliVity 380 2 Processors Medium to Large Storage Upgrade E-LTU

R1F89AAE

If a CPU add-on is needed, choose from the SW license below that correlate to the desired configuration for adding a second CPU

Action: Select the appropriate SW license if you would like to add a second CPU to an existing 1P SimpliVity 380 node.

Configuration Information

Description

	SKU
HPE SimpliVity 380 Additional Processor Extra Small Storage Upgrade E-LTU	R1F90AAE
HPE SimpliVity 380 Additional Processor Small Storage Upgrade E-LTU	R1F91AAE
HPE SimpliVity 380 Additional Processor Medium Storage Upgrade E-LTU	R1F92AAE
HPE SimpliVity 380 Additional Processor Large Storage Upgrade E-LTU	R1F93AAE
HPE SimpliVity 380 Additional Processor Extra Large Storage Upgrade E-LTU	R1F94AAE

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

Action: Select the appropriate storage upgrade kits based on the desired storage expansion configuration.

Description

	SKU
HPE SimpliVity 1.92 TB SATA 6G Read Intensive SFF SC Multi Vendor SSD	S1J84A
HPE SimpliVity 1.92 TB SATA 6G Read Intensive SFF SC Multi Vendor SSD	S1J84A
HPE SimpliVity 1.92 TB SATA 6G Mixed Use SFF SC Multi Vendor SSD	S1J92A
HPE SimpliVity 1.92 TB SATA 6G Mixed Use SFF SC Multi Vendor SSD	S1J92A

Action: Select these storage option if upgrading from a Small to a Medium configuration

HPE Smart Array P816i-a SR Gen10 (16 Internal Lanes/4 GB Cache/SmartCache) 12G SAS Modular Controller	804338-B21
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Action: Select the appropriate CPU for performing the CPU add-on to your existing 1P SimpliVity 380 nodes (from the list at the top of the QuickSpecs)

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 380 G: Storage Expansion/CPU add-on Overview

Use the following steps to expand Storage or perform a CPU add-on for your existing SimpliVity 380 G node:

Step 1: Start with the Expansion SKU

Step 2: Add the SW license that correlates to either a storage expansion or a CPU add-on configuration

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

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

Configuration Information

Step 1: Start with the Expansion Kit SKU

Action: Select the Expansion SKU then select ONLY ONE of the Disk Resiliency SKUs

Description

	SKU
HPE SimpliVity 380 Gen10 G Expansion Kit	R6U13A
HPE SimpliVity Node Tracking with Dual Disk Resiliency	R9Z79A
HPE SimpliVity Node Tracking with Single Disk Resiliency	R9Z80A

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

- 380G x6 SSD > 380G x8 SSD
- 380G x6 SSD > 380G x9 SSD
- 380G x6 SSD > 380G x12 SSD
- 380G x6 SSD > 380G x16 SSD
- 380G x6 SSD > 380G x18 SSD
- 380G x8 SSD > 380G x24 SSD
- 380G x8 SSD > 380G x9 SSD
- 380G x8 SSD > 380G x12 SSD
- 380G x8 SSD > 380G x16 SSD
- 380G x8 SSD > 380G x18 SSD
- 380G x8 SSD > 380G x24 SSD
- 380G x9 SSD > 380G x12 SSD
- 380G x9 SSD > 380G x18 SSD
- 380G x9 SSD > 380G x24 SSD
- 380G x12 SSD > 380G x16 SSD
- 380G x12 SSD > 380G x18 SSD
- 380G x12 SSD > 380G x24 SSD
- 380G x16 SSD > 380G x18 SSD
- 380G x16 SSD > 380G x24 SSD
- 380G x18 SSD > 380G x24 SSD

Description

	SKU
HPE SimpliVity 380 G 1 Processor 1.92 TB 6-pack to 8-pack Upgrade E-RTU	S1N25AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 6-pack to 9-pack Upgrade E-RTU	S1N26AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 6-pack to 12-pack Upgrade E-RTU	S1N27AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 6-pack to 16-pack Upgrade E-RTU	S1N28AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 6-pack to 18-pack Upgrade E-RTU	S1N29AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 6-pack to 24-pack Upgrade E-RTU	S1N30AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 8-pack to 9-pack Upgrade E-RTU	S1N31AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 8-pack to 12-pack Upgrade E-RTU	S1N32AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 8-pack to 16-pack Upgrade E-RTU	S1N33AAE

Configuration Information

Description

Description	SKU
HPE SimpliVity 380 G 1 Processor 1.92 TB 8-pack to 18-pack Upgrade E-RTU	S1N34AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 8-pack to 24-pack Upgrade E-RTU	S1N35AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 9-pack to 12-pack Upgrade E-RTU	S1N36AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 9-pack to 16-pack Upgrade E-RTU	S1N37AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 9-pack to 18-pack Upgrade E-RTU	S1N38AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 9-pack to 24-pack Upgrade E-RTU	S1N39AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 12-pack to 16-pack Upgrade E-RTU	S1N40AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 12-pack to 18-pack Upgrade E-RTU	S1N41AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 12-pack to 24-pack Upgrade E-RTU	S1N42AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 16-pack to 18-pack Upgrade E-RTU	S1N43AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 16-pack to 24-pack Upgrade E-RTU	S1N44AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 18-pack to 24-pack Upgrade E-RTU	S1N45AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 6-pack to 8-pack Upgrade E-RTU	S1N67AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 6-pack to 9-pack Upgrade E-RTU	S1N68AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 6-pack to 12-pack Upgrade E-RTU	S1N69AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 6-pack to 16-pack Upgrade E-RTU	S1N70AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 6-pack to 18-pack Upgrade E-RTU	S1N71AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 6-pack to 24-pack Upgrade E-RTU	S1N72AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 8-pack to 9-pack Upgrade E-RTU	S1N73AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 8-pack to 12-pack Upgrade E-RTU	S1N74AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 8-pack to 16-pack Upgrade E-RTU	S1N75AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 8-pack to 18-pack Upgrade E-RTU	S1N76AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 8-pack to 24-pack Upgrade E-RTU	S1N77AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 9-pack to 12-pack Upgrade E-RTU	S1N78AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 9-pack to 16-pack Upgrade E-RTU	S1N79AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 9-pack to 18-pack Upgrade E-RTU	S1N80AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 9-pack to 24-pack Upgrade E-RTU	S1N81AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 12-pack to 16-pack Upgrade E-RTU	S1N82AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 12-pack to 18-pack Upgrade E-RTU	S1N83AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 12-pack to 24-pack Upgrade E-RTU	S1N84AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 16-pack to 18-pack Upgrade E-RTU	S1N85AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 16-pack to 24-pack Upgrade E-RTU	S1N86AAE
HPE SimpliVity 380 G 2 Processors 1.92 TB 18-pack to 24-pack Upgrade E-RTU	S1N87AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 6-pack to 8-pack Upgrade E-RTU	S1N25AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 6-pack to 9-pack Upgrade E-RTU	S1N26AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 6-pack to 12-pack Upgrade E-RTU	S1N27AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 6-pack to 16-pack Upgrade E-RTU	S1N28AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 6-pack to 18-pack Upgrade E-RTU	S1N29AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 6-pack to 24-pack Upgrade E-RTU	S1N30AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 8-pack to 9-pack Upgrade E-RTU	S1N31AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 8-pack to 12-pack Upgrade E-RTU	S1N32AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 8-pack to 16-pack Upgrade E-RTU	S1N33AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 8-pack to 18-pack Upgrade E-RTU	S1N34AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 8-pack to 24-pack Upgrade E-RTU	S1N35AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 9-pack to 12-pack Upgrade E-RTU	S1N36AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 9-pack to 16-pack Upgrade E-RTU	S1N37AAE

Configuration Information

Description

	SKU
HPE SimpliVity 380 G 1 Processor 1.92 TB 9-pack to 18-pack Upgrade E-RTU	S1N38AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 9-pack to 24-pack Upgrade E-RTU	S1N39AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 12-pack to 16-pack Upgrade E-RTU	S1N40AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 12-pack to 18-pack Upgrade E-RTU	S1N41AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 12-pack to 24-pack Upgrade E-RTU	S1N42AAE
HPE SimpliVity 380 G 1 Processor 1.92 TB 16-pack to 18-pack Upgrade E-RTU	S1N43AAE

Notes:

- For x6-x9 reuse x6-x8 Software License SKUs
- For x9-x12 reuse x8-x12 Software License SKUs
- For x12-x18 reuse x12-x16 Software License SKUs
- For x8-x9 no need of new licenses, only 1 extra drive needed
- For x16-x18 no need of new licenses, only 2 extra drives needed
- For x18-x24 reuse x16-x24 Software Licenses and add 6 drives

If a CPU add-on is needed, choose from the SW license below that correlate to the desired configuration for adding a second CPU

Action: Select the appropriate SW license if you would like to add a second CPU to an existing 1P SimpliVity 380 G node.

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

Action: Select the appropriate SSD quantities based on the desired storage expansion configuration	SKU
HPE SimpliVity 1.92 TB SATA 6G Read Intensive SFF SC Multi Vendor SSD	S1J84A
HPE SimpliVity 1.92 TB SATA 6G Mixed Use SFF SC Multi Vendor SSD	S1J92A

Action: Select the appropriate CPU for performing the CPU add-on to your existing 1P SimpliVity 380 nodes (from the list at the top of the QuickSpecs)

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.

Technical Specifications

Physical Dimensions

2U form factor: 3.44 x 26.75 x 17.54 in (8.73 x 67.94 x 44.54 cm)

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/info/green> 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.

Summary of Changes

Date	Version History	Action	Description of Change
05-Feb-2026	Version 38	Added	Updated <i>End-of-life Management and Recycling</i> section; revised copyright year to 2026; updated footer with new version and date.
		Changed	Added SKUs for HPE SimpliVity FIO SW VMware (S6C61A) and HPE SimpliVity FIO SW VM Essentials (S6C62A) in <i>Step 1: Begin with the base node</i> ; clarified configuration steps for hardware options in <i>Step 2</i> .
		Removed	Removed obsolete SKUs (S2V30A, S2V30B) and outdated references to Broadcom VMware support in <i>Step 1</i> ; deleted redundant text in hardware options section.
25-Aug-2025	Version 37	Removed	Bullet removed from Hardware Features notes in Overview section.
07-Jul-2025	Version 36	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.
14-Apr-2025	Version 35	Changed	Standard Features, and Configuration Information sections were updated
04-Nov-2024	Version 34	Changed	Overview, Standard Features, and Configuration Information sections were updated
05-Aug-2024	Version 33	Changed	Overview, Standard Features, and Configuration Information sections were updated
28-Mar-2024	Version 32	Changed	Overview, Standard Features and Configuration Information sections were updated.
19-Jan-2024	Version 31	Changed	Configuration Information section was updated. VMware vSphere and vCenter SKUs were removed.
08-Jan-2024	Version 30	Changed	Overview, Standard Features, Service and Support and Configuration Information sections were updated.
10-Jul-2023	Version 29	Changed	Overview, Standard Features, Service and Support, Configuration Information, and Technical Specifications sections were updated
01-May-2023	Version 28	Changed	Overview, Configuration Information and Technical Specifications sections were updated
23-Jan-2023	Version 27	Changed	Format corrections applied Update QS name
07-Nov-2022	Version 26	Changed	Overview, Standard Features and Configuration Information sections were updated Obsolete SKUs were removed
05-Jul-2022	Version 25	Changed	Overview, Service and Support and Configuration Information sections were updated Obsolete SKU – Q0J62A - removed
06-Dec-2021	Version 24	Changed	Overview, Standard Features and Configuration Information sections were updated Storage Expansion Section - SKUs added in Configuration Information for 380 G Expansion Obsolete SKUs were deleted in Configuration Information
18-Oct-2021	Version 23	Changed	Service and Support Pointnext Tech Care and Complete Care information updated
06-Jul-2021	Version 22	Changed	Configuration Information section was updated. Obsolete SKUs were removed from the QuickSpecs.

Summary of Changes

01-Mar-2021	Version 21	Changed	Overview, Standard Features, Service and Support, and Configuration Information sections were updated.
08-Sep-2020	Version 20	Changed	Configuration Information section was updated.
03-Aug-2020	Version 19	Changed	Overview and Configuration Information sections were updated. New branding applied to document.
04-May-2020	Version 18	Changed	Overview, Standard Features, and Configuration Information sections were updated.
02-Mar-2020	Version 17	Changed	Overview and Configuration Information sections were updated.
03-Feb-2020	Version 16	Changed	Overview, Standard Features and Configuration Information sections were updated.
04-Nov-2019	Version 15	Changed	Overview, Standard Features, and Configuration Information sections were updated. Added HPE SimpliVity 380 Gen10 G Model with 8x SSD drivers, added new 10 TB SW Licenses and features for OmniStack Software v3.7.10
24-Oct-2019	Version 14	Added	Updated HPE SimpliVity 380 Gen10 sections
01-Jul-2019	Version 13	Changed	Overview and Configuration Information sections were updated
03-Jun-2019	Version 12	Changed	Added HPE SimpliVity 380 Gen10 G Model., Standard Features section was updated., obsolete SKUs were removed from the QuickSpecs. Service and Support section was updated.
18-Mar-2019	Version 11	Changed	Configuration Information section was updated.
		Added	SKUs added in Configuration Information: Q8A57A, Q8A58A, Q8A59A, Q8A60A, Q8A61A, Q8A62A, Q8A63A, Q8A64A, Q9J86A, Q9J87A.
		Removed	SKUs deleted in Configuration Information: Q8A57A, Q8A58A, Q8A59A, Q8A60A, Q8A61A, Q8A62A, Q8A63A, Q8A64A, Q9J86A, Q9J87A, Q8A65A, Q8A66A, Q8A67A, Q8A68A, Q8A69A, Q8A70A, Q8A71A, Q8A72A, Q9J88A, Q9J89A.
04-Mar-2019	Version 10	Changed	Overview, Standard Features, and Configuration sections were updated.
		Added	SKUs added in Configuration Information section (additional processors): 871619-L21, 869089-L21, 879423-L21, 871617-L21, 871618-L21, P00756-L21, 879424-L21, 869086-L21, 869088-L21, 871619-B21, 869089-B21, 879423-B21, 871617-B21, 871618-B21, P00756-B21, 879424-B21, 874752-B21, 873645-B21
04-Feb-2019	Version 9	Changed	Overview and Configuration Information sections were updated.
		Added	SKUs added in Configuration Information section: R1F85AAE, R1F86AAE, R1F88AAE, R1F87AAE, R1F89AAE, R1F90AAE, R1F91AAE, R1F92AAE, R1F93AAE, R1F94AAE, R1F81AAE, R1F82AAE, R1F83AAE, R1F84AAE, 804338-B21, 826691-B21, 826846-B21, 826848-B21, 826850-B21, 826852-B21, 826854-B21, 826856-B21, 826862-B21, 826866-B21, 826870-B21, 826878-B21, 826884-B21, 826888-B21, 876562-B21, 826886-B21, 826872-B21, 826860-B21, 826868-B21, 826874-B21, 869090-B21, 826890-B21, 826876-B21, 826882-B21, 826706-B21, R1Q89A, R1Q90A, R1Q91A, R1Q92A, R1Q93A, R1Q94A, R1Q95A, R1Q96A.
07-Jan-2019	Version 8	Changed	Configuration Information section was updated.
		Removed	SKUs were deleted: 871619-L21, 869089-L21, 879423-L21, 874762-L21, 871617-L21, 871618-L21.
05-Nov-2018	Version 7	Changed	Overview, and Configuration Information sections were updated.

Summary of Changes

		Added	SKUs added in Configuration Information: 764302-B21, Q0V80A.
		Removed	Obsolete SKUs were deleted in Configuration Information: J2R02A, J2R04A
07-May-2018	Version 6	Added	Standard Features and Configuration Information sections were updated.
05-Mar-2018	Version 5	Changed	Overview, Standard Features and Configuration Information sections were updated.
		Added	SKUs were added in Configuration Information section: 826872-B21, 826872-L21, 874762-B21, 874762-L21, Q9J90A, 700759-B21, 817749-B21, Q8A61A, Q8A62A, Q8A63A, Q8A64A, Q9J86A, Q9J87A, Q8A69A, Q8A70A, Q8A71A, Q8A72A, Q9J88A, Q9J89A.
04-Dec-2017	Version 4	Changed	Standard Features, Configuration Information, Service and Support, and Technical Specifications sections were updated.
		Added	SKUs were added in Configuration Information: 874762-L21, Q8D94A, Q5V86A, Q5V87A, Q5V88A, 811546-B21.
06-Nov-2017	Version 3	Changed	Changes made to the document
02-Oct-2017	Version 2	Changed	Changes made to the entire document
25-Sep-2017	Version 1	New	QuickSpecs created.

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