

### Overview

**Shape the Future of QuickSpecs – Your Input Matters**

### HPE SimpliVity 380

HPE SimpliVity 380, based on the HPE ProLiant DL380 Gen11, and Gen10 Plus Servers, is 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. It also provides a complete set of advanced functionalities that enable dramatic improvements to the efficiency, management, protection, and performance at a fraction of the cost and complexity of today's traditional infrastructure stack.



**HPE SimpliVity 380 Gen11**

### What's New

HPE SimpliVity now supports HPE SimpliVity 380 Gen11

- Intel 5th Generation Xeon Scalable Processors (Emerald Rapids)
- PCIe 5.0 support (with support for compute express link (CXL))
- Network – 200 GB
- Introducing a new capacity: 43 TB usable, utilizing 16 x3.84 TB SATA SSD
- New GPU's – Nvidia L40S, H100, A16, L4 and Intel DS GPU Max 1100
- DDR5 Smart Memory – 5600 MT/s
- Storage Controllers (SR932i-p)
- NS204i-u Boot Device (Supports NVMe boot drives built in)
- MR216i controllers
- New SimpliVity SW licensing

HPE SimpliVity now supports VMware ESXi 8.0U3 (refer to HPE SimpliVity 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
- Additional services on the HPE GreenLake platform such HPE GreenLake for Backup and Recovery Service and can be leveraged to backup to cloud\*\*
- Customer can also manage public cloud infrastructure and leverage other additional capabilities which will be offered on the platform in the future

## Overview

Core feature set includes:

- Global dashboarding (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:

- \*HPE GreenLake for Backup and Recovery service QuickSpecs - <https://www.hpe.com/psnow/doc/a50004269enw?section=Document%20Types&r=none>
- \*\*HPE GreenLake for Private Cloud Business edition QuickSpecs <https://psnow.ext.hpe.com/doc/a50004281enw>
- \*\*\*VMware licenses may be available through other sales channels such as 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](#)

## Scalable and Configurable

- Expandable in 1 node increments up to 96 total nodes per federation
- Processor - Choice of 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)
- Power – Redundant
- 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.



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## Standard Features

### Software Features

#### HPE SimpliVity Now Supports SimpliVity Omnistack 5.1.0U1

- SimpliVity now supports HPE GreenLake for Private Cloud Business Edition Cloud Console—offered on the HPE GreenLake Edge-to-Cloud platform (SW 4.1.3 or higher required).
- VMware vSphere (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 RapidDR is targeted to address SMB and Edge IT generalist persona DR orchestration needs with stringent SLAs around Recovery Point Objectives (RPOs) and Recovery Time Objectives (RTOs)

#### Notes:

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

### VMware Software

- A valid VMware vSphere license is required for each host (16-core minimum license per-host needed).
- License types offered by VMware,
  - vSphere Foundation
  - vSphere Standard
  - vSphere Essentials Plus Kit

VMware licenses may be available through other sales channels such as distributors.

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### Hardware Availability Features

- Cluster expansion without downtime
- Choice of Single Disk resiliency or Dual Disk resiliency on HPE SimpliVity 380 Gen10 Plus/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

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### 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.

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## Standard Features

### Features

#### HPE SimpliVity 380 Gen11

<b>Node Size</b>	2U																																																																			
<b>Processors</b>	Powered by - 5 <sup>th</sup> Gen Intel® Xeon® Scalable Processors 8 to 64 cores selectable, 1 or 2 CPU options																																																																			
<b>Memory</b>	Up to 8 TB																																																																			
<b>Boot Controller</b>	Choice of Smart Array MR216i-p, MR216i-o or NS204i-p boot controllers																																																																			
<b>Boot Disks</b>	480 GB SSD Boot disks (Not required with NS204i-p)																																																																			
<b>Storage</b>	All Flash Storage Options (Read Intensive SSDs) Capacity Options: <table border="1"> <thead> <tr> <th>SSD Configs</th><th>Resiliency</th><th>*Approx. Usable capacity [TB]</th></tr> </thead> <tbody> <tr><td>6 x1.92 TB</td><td>FTT1</td><td>8.0</td></tr> <tr><td>6 x1.92 TB</td><td>FTT2</td><td>6.0</td></tr> <tr><td>8 x1.92 TB</td><td>FTT1</td><td>11.0</td></tr> <tr><td>9 x1.92 TB</td><td>FTT2</td><td>9.0</td></tr> <tr><td>12 x1.92 TB</td><td>FTT1</td><td>15.0</td></tr> <tr><td>12 x1.92 TB</td><td>FTT2</td><td>12.0</td></tr> <tr><td>16 x1.92 TB</td><td>FTT1</td><td>21.0</td></tr> <tr><td>6 x3.84 TB</td><td>FTT1</td><td>15.0</td></tr> <tr><td>6 x3.84 TB</td><td>FTT2</td><td>12.0</td></tr> <tr><td>8 x3.84 TB</td><td>FTT1</td><td>21.0</td></tr> <tr><td>9 x3.84 TB</td><td>FTT2</td><td>19.0</td></tr> <tr><td>12 x3.84 TB</td><td>FTT1</td><td>31.0</td></tr> <tr><td>12 x3.84 TB</td><td>FTT2</td><td>23.0</td></tr> <tr><td>16 x3.84 TB</td><td>FTT1</td><td>43.0</td></tr> <tr><td>6 x7.68 TB</td><td>FTT1</td><td>30.0</td></tr> <tr><td>6 x7.68 TB</td><td>FTT2</td><td>23.0</td></tr> <tr><td>8 x7.68 TB</td><td>FTT1</td><td>43.0</td></tr> <tr><td>9 x7.68 TB</td><td>FTT2</td><td>39.0</td></tr> <tr><td>12 x7.68 TB</td><td>FTT1</td><td>62.0</td></tr> <tr><td>12 x7.68 TB</td><td>FTT2</td><td>47.0</td></tr> <tr><td>16 x7.68TB</td><td>FTT1</td><td>86.0</td></tr> </tbody> </table>		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 x7.68TB	FTT1	86.0
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<b>Power Supplies</b>	HPE 800W, 1000W, 1600W, 1800-2200W Flex slot power supply Kit - Please refer to the below configuration section for the options																																																																			
<b>Hardware Warranty</b>	Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response																																																																			
<b>Hardware Support</b>	3-year HPE SimpliVity 380 Gen11 solution support (required)																																																																			



## Standard Features

### 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. 800W power supplies are only supported with specific configurations.

HPE SimpliVity 380 Gen10 Plus (Networking Choice (NC) Model)	
<b>Node Size</b>	2U
<b>Processors</b>	2x 3 <sup>rd</sup> Generation Intel® Xeon® Scalable Ice Lake Processors 8 to 40 cores selectable, 1 or 2CPU options
<b>Memory</b>	128GB to 4096GB per socket selectable
<b>Boot Controller</b>	Choice of Smart Array MR216i-p, E208i-p or NS204i-p boot controllers
<b>Boot Disks</b>	480 GB SSD Boot disks (Not required with NS204i-p)
<b>Storage</b>	<p>All Flash Storage Options (RI)</p> <p>Capacity Options:</p> <ul style="list-style-type: none"> <li>• 6 x 1.92 TB SSD – 7.5 TB (usable)</li> <li>• 8 x 1.92 TB SSD – 10 TB (usable)</li> <li>• 9x 1.92 TB SSD – 10 TB (usable)</li> <li>• 12 x 1.92 TB SSD – 15 TB (usable)</li> <li>• 6 x 3.84 TB SSD – 15 TB (usable)</li> <li>• 8 x 3.84 TB SSD – 21 TB (usable)</li> <li>• 9x 3.84 TB SSD – 21 TB (usable)</li> <li>• 12 x 3.84 TB SSD – 32 TB (usable)</li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>– Single disk resiliency is supported on x6, x8 and x12 options</li> <li>– Dual disk resiliency is supported on x6, x9 and x12 options</li> <li>– Some configurations may require exception approval</li> </ul>
<b>Power Supplies</b>	<ul style="list-style-type: none"> <li>• HPE 800W Flex Slot Titanium Hot Plug Low Halogen Power Supply Kit</li> <li>• HPE 800W Flex Slot -48VDC Hot Plug Low Halogen Power Supply Kit</li> <li>• HPE 800W Flex Slot Universal Hot Plug Low Halogen Power Supply Kit</li> <li>• HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit</li> <li>• HPE 1000W Flex Slot Titanium Hot Plug Power Supply Kit</li> <li>• HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit</li> <li>• HPE 1600W Flex Slot -48VDC Hot Plug Power Supply Kit</li> <li>• HPE 1600W -48VDC Power Cable Lug Kit</li> <li>• HPE 1800W-2200W Flex Slot Titanium Hot Plug Low Halogen Power Supply Kit</li> </ul>
<b>Hardware Warranty</b>	Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response
<b>Hardware Support</b>	3-year HPE SimpliVity 380 Gen10 Plus solution support (required)

### Notes:

- Warranty for SSDs is subject to maximum usage limitations. Maximum usage limit is the maximum amount of data that can be written to the drive. Drives that have reached this limit will not be eligible for replacement.
- Two power supplies per node are required for redundancy. 800W power supplies are only supported with specific configurations.



## Standard Features

### 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.

#### Scale in and scale out

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

#### VM centricity and mobility

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

#### Dramatic TCO reduction

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 3<sup>rd</sup> party cloud services via StoreOnce.

#### Secondary, centralized backup

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

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## Software Overview

### Pre-integrated Software

- HPE SimpliVity Startup Wizard

### Virtualization Platform Software and Licenses

- HPE SimpliVity 380 Gen11, 380 Gen10 and Gen10 Plus support VMware vSphere ESXi
- VMware vSphere installation media is required to complete the installation when ordering HPE SimpliVity 380 Gen10 and Gen10 Plus
- Valid licenses for the following VMware software components are required when ordering HPE SimpliVity 380 nodes
  - VMware vSphere license(s) depending on core count. (16-core minimum license per-host)
  - VMware vSphere license(s) per node: customer to procure from authorized distributor
  - VMware vCenter license: customer to procure from authorized distributor



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## Standard Features

### 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>

### Management

- HPE InfoSight
  - VMware vCenter
  - 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>

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### 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>

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### 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](#)

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### 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>

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### 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/completecure>

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### 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>

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## Service and Support

### 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](#)

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### 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.

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/>



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## Service and Support

### 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>

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### 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>

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## 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 base node

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

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

**Step 4:** Select service and support.

### Step 1: Begin with the base node

#### Base Node

##### Action:

- Select the base node
- Node Tracking SKU added automatically
- Processor E-RTU added automatically

#### Description

	SKU
HPE SimpliVity 380 Gen11 8SFF Configure-to-order Node	S2V30A
HPE SimpliVity 380 Gen11 Configure-to-order Solution Tracking	S2V22A
HPE SimpliVity 380 Gen11 1 Processor E-RTU	S4U75AAE
HPE SimpliVity 380 Gen11 2 Processors E-RTU	S4U76AAE

**Notes:** Please note the E-RTU SKUs are not user selectable. Depending on the CPU configured, one of the two E-RTUs 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

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

#### Processors

5th Generation Intel® Xeon® Scalable Processors

Action:

- Select CPUs for the node

#### Platinum

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

#### Gold

Intel Xeon-Gold 5515+ 3.2GHz 8-core 165W Processor for HPE	P67079-B21
Intel Xeon-Gold 5520+ 2.2GHz 28-core 205W Processor for HPE	P67094-B21
Intel Xeon-Gold 6526Y 2.8GHz 16-core 195W Processor for HPE	P67080-B21
Intel Xeon-Gold 6530 2.1GHz 32-core 270W Processor for HPE	P67095-B21
Intel Xeon-Gold 6534 3.9GHz 8-core 195W Processor for HPE	P67083-B21

## Configuration Information

### Description

Intel Xeon-Gold 6538Y+ 2.2GHz 32-core 225W Processor for HPE	P67096-B21
Intel Xeon-Gold 6542Y 2.9GHz 24-core 250W Processor for HPE	P67081-B21
Intel Xeon-Gold 6544Y 3.6GHz 16-core 270W Processor for HPE	P67084-B21
Intel Xeon-Gold 6548Y+ 2.5GHz 32-core 250W Processor for HPE	P67082-B21
Intel Xeon-Gold 6554S 2.2GHz 36-core 270W Processor for HPE	P67110-B21

### Silver

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

HPE 16GB 1Rx8 PC5-4800B-R Smart Kit	
HPE 32GB (1x32GB) Dual Rank x8 DDR5-4800 CAS-40-39-39 EC8 Registered Smart Memory Kit	P43328-B21
HPE 64GB (1x64GB) Dual Rank x4 DDR5-4800 CAS-40-39-39 EC8 Registered Smart Memory Kit	P43331-B21
HPE 128GB (1x128GB) Quad Rank x4 DDR5-4800 CAS-46-39-39 EC8 Registered 3DS Smart Memory Kit	P43334-B21
HPE 256GB (1x256GB) Octal Rank x4 DDR5-4800 CAS-46-39-39 EC8 Registered 3DS Smart Memory Kit	P43337-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>

### Boot SSD Drives

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-u Controller, there is no need to select boot SSDs since NS204i-u it comes with NVMe drives

### Storage Controllers

HPE SR932i-p Gen11 x32 Lanes 8GB Wide Cache PCI SPDM Plug-in Storage Controller	P47184-B21
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**Notes:** User must select qty1 of the same type of Storage controller from the above options

### Storage Drives

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



## Configuration Information

### 1.92TB SSD Options

Qty 6 of S1J88A is required for HPE SimpliVity 380 Gen11 6x SSD  
 Qty 8 of S1J88A is required for HPE SimpliVity 380 Gen11 8x SSD  
 Qty 9 of S1J88A is required for HPE SimpliVity 380 Gen11 9x SSD  
 Qty 12 of S1J88A is required for HPE SimpliVity 380 Gen11 9x SSD  
 Qty 16 of S1J88A is required for HPE SimpliVity 380 Gen11 9x SSD

Or

### 3.84TB SSD Options

Qty 6 of S1J89A is required for HPE SimpliVity 380 Gen11 6x SSD. Usable Capacity  
 Qty 8 of S1J89A is required for HPE SimpliVity 380 Gen11 8x SSD. Usable Capacity  
 Qty 9 of S1J89A is required for HPE SimpliVity 380 Gen11 9x SSD. Usable Capacity  
 Qty 12 of S1J89A is required for HPE SimpliVity 380 Gen11 12x SSD. Usable Capacity  
 Qty 16 of S1J89A is required for HPE SimpliVity 380 Gen11 16x SSD. Usable Capacity

### 7.68TB SSD Options

Qty 6 of P40501-K21 is required for HPE SimpliVity 380 Gen11 6x SSD. Usable Capacity  
 Qty 8 of P40501-K21 is required for HPE SimpliVity 380 Gen11 8x SSD. Usable Capacity  
 Qty 9 of P40501-K21 is required for HPE SimpliVity 380 Gen11 9x SSD. Usable Capacity  
 Qty 12 of P40501-K21 is required for HPE SimpliVity 380 Gen11 12x SSD. Usable Capacity  
 Qty 16 of P40501-K21 is required for HPE SimpliVity 380 Gen11 16x SSD. Usable Capacity

**Notes:** Some configurations may require exception approval

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 x7.68TB	FTT1	86.0

**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



## Configuration Information

### Power Supplies

#### Description

	SKU
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 Platinum Hot Plug Low Halogen Power Supply Kit	P38997-B21
HPE 1600W Flex Slot -48VDC Hot Plug Power Supply Kit	P17023-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 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

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 I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	P21106-B21
Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	P21112-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
Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	P25960-B21
Broadcom BCM5719 Ethernet 1Gb 4-port BASE-T Adapter for HPE	P51178-B21

#### 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
Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	P42041-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

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

#### Notes:

- Please refer to the ProLiant Gen11 QuickSpecs - [https://www.hpe.com/psnow/doc/a50004307enw.pdf?jumpid=in\\_pdp-psnow-q5](https://www.hpe.com/psnow/doc/a50004307enw.pdf?jumpid=in_pdp-psnow-q5)
- All the HBA cards to be managed outside of SimpliVity manageability and orchestration.

### Networking Upgrades

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

## Configuration Information

### Graphics

NVIDIA A16 64GB PCIe Non-CEC Accelerator for HPE

R8T26C

NVIDIA L4 24GB PCIe Accelerator for HPE

S0K89C

NVIDIA L40 48GB PCIe Accelerator for HPE

S0K90C

NVIDIA L40S 48GB PCIe Accelerator

S2L70C

Intel Data Center GPU Max 1100 48GB 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 E-RTU	S4U83AAE	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
		9x 3.84 TB	18
HPE SimpliVity 380 Gen11 1 Processor High E-RTU	S4U84AAE	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
		6x 1.92 TB	6
HPE SimpliVity 380 Gen11 2 Processors Low E-RTU	S4U85AAE	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
		9x 3.84 TB	18
		12x 3.84 TB	24
HPE SimpliVity 380 Gen11 2 Processors High E-RTU	S4U86AAE	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
		6x 1.92 TB	6
		8x 1.92 TB	8



## Configuration Information

**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.

1. 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
<b>1P</b>	
1P 380 Gen 11 6 SSD 1.92 TB	1 Qty S4U75AAE & 6 Qty S4U83AAE
1P 380 Gen 11 6 SSD 3.84 TB	1 Qty S4U75AAE & 12 Qty S4U83AAE
1P 380 Gen 11 9 SSD 3.84 TB	1 Qty S4U75AAE & 18 Qty S4U84AAE
1P 380 Gen 11 12 SSD 3.84 TB	1 Qty S4U75AAE & 24 Qty S4U84AAE
1P 380 Gen 11 12 SSD 7.68 TB	1 Qty S4U75AAE & 48 Qty S4U84AAE
<b>2P</b>	
2P 380 Gen 11 6 SSD 1.92 TB -	1 Qty S4U76AAE & 6 Qty S4U85AAE
2P 380 Gen 11 6 SSD 3.84 TB	1 Qty S4U76AAE & 12 Qty S4U85AAE
2P 380 Gen 11 9 SSD 3.84 TB	1 Qty S4U76AAE & 18 Qty S4U86AAE
2P 380 Gen 11 12 SSD 3.84 TB	1 Qty S4U76AAE & 24 Qty S4U86AAE
2P 380 Gen 11 12 SSD 7.68 TB	1 Qty S4U76AAE & 48 Qty S4U86AAE

### HPE SimpliVity 380 Gen10 plus: Overview for New System

Use the following steps to order a new SimpliVity 380 Gen10 plus system: processors, memory, storage, networking, power, other optional HW

**Step 1:** Begin with the base node

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

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

**Step 4:** Select service and support.

### Step 1: Begin with the Base Node

#### Base Node

##### Action:

- Select the base node
- Select the base node VMware tracking SKU added automatically
- User selection required for Single Disk Resiliency or Dual Disk Resiliency

##### Description

HPE SimpliVity 380 Gen10 Plus Configure-to-order Node

HPE SimpliVity 380 Gen10 Plus Configure-to-order Solution Tracking

##### SKU

S1J98A

S2A12A





## Configuration Information

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

#### Processors

##### 3rd Generation Intel® Xeon® Scalable Processors

###### Action:

- Select CPUs for the node

Intel Xeon-Platinum 8352Y 2.2GHz 32-core 205W Processor for HPE	P36929-B21
Intel Xeon-Platinum 8358 2.6GHz 32-core 250W Processor for HPE	P36938-B21
Intel Xeon-Platinum 8360Y 2.4GHz 36-core 250W Processor for HPE	P36939-B21
Intel Xeon-Platinum 8368 2.4GHz 38-core 270W Processor for HPE	P36940-B21
Intel Xeon-Platinum 8380 2.3GHz 40-core 270W Processor for HPE	P36941-B21
Intel Xeon-Platinum 8362 2.8GHz 32-core 265W Processor for HPE	P45418-B21
Intel Xeon-Platinum 8352V 2.1GHz 36-core 195W Processor for HPE	P37599-B21
Intel Xeon-Platinum 8352M 2.3GHz 32-core 185W Processor for HPE	P45414-B21
Intel Xeon-Platinum 8358P 2.6GHz 32-core 240W Processor for HPE	P37598-B21
Intel Xeon-Gold 6354 3.0GHz 18-core 205W Processor for HPE	P36935-B21
Intel Xeon-Gold 6348 2.6GHz 28-core 235W Processor for HPE	P36937-B21
Intel Xeon-Gold 6346 3.1GHz 16-core 205W Processor for HPE	P36934-B21
Intel Xeon-Gold 6338 2.0GHz 32-core 205W Processor for HPE	P36928-B21
Intel Xeon-Gold 6330 2.0GHz 28-core 205W Processor for HPE	P36927-B21
Intel Xeon-Gold 6326 2.9GHz 16-core 185W Processor for HPE	P36932-B21
Intel Xeon-Gold 6342 2.8GHz 24-core 230W Processor for HPE	P36936-B21
Intel Xeon-Gold 6336Y 2.4GHz 24-core 185W Processor for HPE	P36926-B21
Intel Xeon-Gold 6334 3.6GHz 8-core 165W Processor for HPE	P36933-B21
Intel Xeon-Gold 5320 2.2GHz 26-core 185W Processor for HPE	P36925-B21
Intel Xeon-Gold 5318Y 2.1GHz 24-core 165W Processor for HPE	P36924-B21
Intel Xeon-Gold 5317 3.0GHz 12-core 150W Processor for HPE	P36931-B21
Intel Xeon-Gold 5315Y 3.2GHz 8-core 140W Processor for HPE	P36930-B21
Intel Xeon-Silver 4316 2.3GHz 20-core 150W Processor for HPE	P36923-B21
Intel Xeon-Silver 4314 2.4GHz 16-core 135W Processor for HPE	P36922-B21
Intel Xeon-Silver 4310 2.1GHz 12-core 120W Processor for HPE	P36921-B21
Intel Xeon-Silver 4309Y 2.8GHz 8-core 105W Processor for HPE	P36920-B21

#### 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

#### Description

##### Registered DIMMs (RDIMMs)

HPE 8GB (1x8GB) Single Rank x8 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P07525-K21
HPE 16GB (1x16GB) Single Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P06029-K21
HPE 16GB (1x16GB) Dual Rank x8 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P06031-K21
HPE 32GB (1x32GB) Dual Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P06033-K21
HPE 32GB (1x32GB) Single Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P40007-B21
HPE 64GB (1x64GB) Dual Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P06035-K21

##### Load Reduced DIMMs (LRDIMMs)

HPE 128GB (1x128GB) Quad Rank x4 DDR4-3200 CAS-22-22-22 Load Reduced Smart Memory Kit	P06037-K21
HPE 256GB (1x256GB) Octal Rank x4 DDR4-3200 CAS-26-22-22 Load Reduced 3DS Smart Memory Kit	P06039-K21

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

#### Boot Device/Boot RAID Controllers

HPE Smart Array E208i-p SR Gen10 (8 Internal Lanes/No Cache) 12G SAS PCIe Plug-in Controller	804394-B21
Broadcom MegaRAID MR216i-p x16 Lanes without Cache NVMe/SAS 12G Controller for HPE Gen10 Plus	632241-B21
HPE NS204i-p x2 Lanes NVMe PCIe3 x8 OS Boot Device	

## Configuration Information

### Notes:

- User must select qty1 of the same type of controller from the above options
- If selecting NS204i-p, there is no need to select boot SSDs below

### Boot SSD Drives

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

### PCI-e NIC Adapters

#### 1 Gigabit Ethernet adapters\*

Broadcom BCM5719 Ethernet 1Gb 4-port BASE-T Adapter for HPE	P51178-B21
Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	P21106-B21

**Notes:** \* Can be installed in PCIe x8 Slot

#### 10 Gigabit Ethernet adapters\*

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
Intel X710-DA2 Ethernet 10Gb 2-port SFP+ Adapter for HPE	P28787-B21

**Notes:** \* Can be installed in PCIe x8 Slot

### 10/25 Gigabit Ethernet adapters

Description	SKU
Broadcom BCM57414 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P26262-B21
Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P42044-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 MCX512F-ACHT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P13188-B21

#### 100 Gigabit Ethernet adapters

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 3.0 NIC Adapters\*

Broadcom BCM5719 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	P51181-B21
Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	P42041-B21
Intel X710-DA2 Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE	P28778-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 BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE	P26269-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
Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	P08449-B21
Marvell QL41132HQCUC Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE	P08452-B21
Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	P10112-B21

**Notes:**\* Please refer to the [HPE ProLiant DL380 Gen10 Plus Server - QuickSpecs](#).



## Configuration Information

### Fiber Channel Host Bus Adapters\*

HPE SN1200E 16Gb Single Port Fibre Channel Host Bus Adapter	Q0L13A
HPE SN1200E 16Gb Dual Port Fibre Channel Host Bus Adapter	Q0L14A
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 SN1100Q 16Gb Single Port Fibre Channel Host Bus Adapter	P9D93A
HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	P9D94A
HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter	R2E08A
HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	R2E09A

#### Notes: \*

- Please refer to the [HPE ProLiant DL380 Gen10 Plus Server - QuickSpecs](#).
- All the HBA cards to be managed outside of SimpliVity manageability and orchestration.

### Graphics Accelerator Cards (GPUs)\*

NVIDIA A2 16GB PCIe Non-CEC Accelerator for HPE	R9H23C
NVIDIA A16 64GB PCIe Non-CEC Accelerator for HPE	R8T26C

**Notes:**\* Please refer to the [HPE ProLiant DL380 Gen10 Plus Server - QuickSpecs](#)

### Power Supplies

Description	SKU
HPE 800W Flex Slot Titanium Hot Plug Low Halogen Power Supply Kit	865438-B21
HPE 800W Flex Slot -48VDC Hot Plug Low Halogen Power Supply Kit	865434-B21
HPE 800W Flex Slot Hot Plug Universal Low Halogen High Voltage AC/DC Power Supply Kit	865428-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 Platinum Hot Plug Low Halogen Power Supply Kit	P38997-B21
HPE 1600W Flex Slot -48VDC Hot Plug Power Supply Kit	P17023-B21
HPE 1600W -48VDC Power Cable Lug Kit	P36877-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 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 HPE ProLiant Power Cables web page: <https://h20195.www2.hpe.com/v2/getpdf.aspx/4AA6-6836ENW.pdf>

### HPE High Performance Heatsinks

HPE ProLiant DL380 Gen10 Plus High Performance Heat Sink Kit	P27095-B21
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**Notes:** Included in OCA by default

### Storage

#### Action:

- Select one storage kit for the node
- Choose read intensive drive configuration
- The appropriate OmniStack software will be included by the configurator
- Only the Read Intensive SSD drives are supported



## Configuration Information

### Read Intensive

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

#### 1.92 TB SSD Options

- Qty 6 of S1J88A is required for HPE SimpliVity 380 Gen10 Plus 6x SSD -Usable Capacity 7.5 TB
- Qty 8 of S1J88A is required for HPE SimpliVity 380 Gen10 Plus 8x SSD -Usable Capacity 10 TB
- Qty 9 of S1J88A- is required for HPE SimpliVity 380 Gen10 Plus 9x SSD- Usable Capacity 10 TB

Or

#### 3.84 TB SSD Options

- Qty 6 of S1J89A is required for HPE SimpliVity 380 Gen10 Plus 6x SSD. Usable Capacity 15 TB
- Qty 8 of S1J89A is required for HPE SimpliVity 380 Gen10 Plus 8x SSD. Usable Capacity 21 TB
- Qty 9 of S1J89A- is required for HPE SimpliVity 380 Gen10 Plus 9x SSD. Usable Capacity 21 TB
- Qty 12 of S1J89A- is required for HPE SimpliVity 380 Gen10 Plus 12x SSD. Usable Capacity 32 TB

**Notes:** Some configurations may require exception approval.

### Usable Capacity

**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.

## 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.

1.92 TB SSD 1 Processor based model selection:

- Qty 1 of S1N03A is required for HPE SimpliVity 380 Gen10 Plus 6x SSD
- Qty 1 of S1N04A is required for HPE SimpliVity 380 Gen10 Plus 8x SSD
- Qty 1 of S1N05A is required for HPE SimpliVity 380 Gen10 Plus 9x SSD

1.92 TB SSD 2 Processor based model selection:

- Qty 1 of S1N11A is required for HPE SimpliVity 380 Gen10 Plus 6x SSD
- Qty 1 of S1N12A is required for HPE SimpliVity 380 Gen10 Plus 8x SSD
- Qty 1 of S1N13A is required for HPE SimpliVity 380 Gen10 Plus 9x SSD

3.84 TB SSD 1 Processor based model selection:

- Qty 1 of S1N07A is required for HPE SimpliVity 380 Gen10 Plus 6x SSD
- Qty 1 of S1N08A is required for HPE SimpliVity 380 Gen10 Plus 8x SSD
- Qty 1 of S1N09A is required for HPE SimpliVity 380 Gen10 Plus 9x SSD
- Qty 1 of S1N10A is required for HPE SimpliVity 380 Gen10 Plus 12x SSD

3.84 TB SSD 2 Processor based model selection:

- Qty 1 of S1N15A is required for HPE SimpliVity 380 Gen10 Plus 6x SSD
- Qty 1 of S1N16A is required for HPE SimpliVity 380 Gen10 Plus 8x SSD
- Qty 1 of S1N17A is required for HPE SimpliVity 380 Gen10 Plus 9x SSD
- Qty 1 of S1N18A is required for HPE SimpliVity 380 Gen10 Plus 12x SSD



## Configuration Information

### Description

	SKU
HPE SimpliVity 380 G 1 Processor 1.92TB 6 SSD RTU	S1N03A
HPE SimpliVity 380 G 1 Processor 1.92TB 8 SSD RTU	S1N04A
HPE SimpliVity 380 G 1 Processor 1.92TB 9 SSD RTU	S1N05A
HPE SimpliVity 380 G 1 Processor 3.84TB 6 SSD RTU	S1N07A
HPE SimpliVity 380 G 1 Processor 3.84TB 8 SSD RTU	S1N08A
HPE SimpliVity 380 G 1 Processor 3.84TB 9 SSD RTU	S1N09A
HPE SimpliVity 380 G 1 Processor 3.84TB 12 SSD RTU	S1N10A
HPE SimpliVity 380 G 2 Processors 1.92TB 6 SSD RTU	S1N11A
HPE SimpliVity 380 G 2 Processors 1.92TB 8 SSD RTU	S1N12A
HPE SimpliVity 380 G 2 Processors 1.92TB 9 SSD RTU	S1N13A
HPE SimpliVity 380 G 2 Processors 3.84TB 6 SSD RTU	S1N15A
HPE SimpliVity 380 G 2 Processors 3.84TB 8 SSD RTU	S1N16A
HPE SimpliVity 380 G 2 Processors 3.84TB 9 SSD RTU	S1N17A
HPE SimpliVity 380 G 2 Processors 3.84TB 12 SSD RTU	S1N18A

### HPE Integrated Lights Out Advanced Software (iLO Advanced)

**Action:** The HPE iLO Advanced license is required.

HPE iLO Advanced 1-server License with 3yr Support on iLO Licensed Features	BD505A
HPE iLO Advanced AKA Tracking License with 3yr Support on iLO Licensed Features	BD507A
HPE iLO Advanced Electronic License with 3yr Support on iLO Licensed Features	E6U64ABE

### HPE SimpliVity 380 Gen10: Storage Expansion/CPU add-on Overview

Use the following steps to expand Storage or perform a CPU add-on for your existing SimpliVity 380 Gen10 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

### Step 1: Start with the Expansion Kit SKU

**Action:** Select the Expansion SKU.

#### Description

	SKU
HPE SimpliVity 380 Gen10 Expansion Kit	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.

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.

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



## Configuration Information

### 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.

HPE SimpliVity 1.92TB SATA 6G Read Intensive SFF SC Multi Vendor SSD	S1J84A
HPE SimpliVity 1.92TB SATA 6G Read Intensive SFF SC Multi Vendor SSD	S1J84A
HPE SimpliVity 1.92TB SATA 6G Mixed Use SFF SC Multi Vendor SSD	S1J92A
HPE SimpliVity 1.92TB 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/4GB Cache/SmartCache) 12G SAS Modular Controller	804338-B21
HPE DL38X Gen10 SFF Box1/2 Cage/Backplane Kit	826691-B21

**Action:** Select the Processor Heat Sink

HPE DL380 Gen10 High Performance Heat Sink Kit	826706-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

#### 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 à 380G x8 SSD
- 380G x6 SSD à 380G x9 SSD
- 380G x6 SSD à 380G x12 SSD
- 380G x6 SSD à 380G x16 SSD
- 380G x6 SSD à 380G x18 SSD
- 380G x8 SSD à 380G x24 SSD
- 380G x8 SSD à 380G x9 SSD
- 380G x8 SSD à 380G x12 SSD
- 380G x8 SSD à 380G x16 SSD





## Configuration Information

- 380G x8 SSD à 380G x18 SSD
- 380G x8 SSD à 380G x24 SSD
- 380G x9 SSD à 380G x12 SSD
- 380G x9 SSD à 380G x18 SSD
- 380G x9 SSD à 380G x24 SSD
- 380G x12 SSD à 380G x16 SSD
- 380G x12 SSD à 380G x18 SSD
- 380G x12 SSD à 380G x24 SSD
- 380G x16 SSD à 380G x18 SSD
- 380G x16 SSD à 380G x24 SSD
- 380G x18 SSD à 380G x24 SSD

### Description

HPE SimpliVity 380 G 1 Processor 1.92TB 6-pack to 8-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 6-pack to 9-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 6-pack to 12-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 6-pack to 16-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 6-pack to 18-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 6-pack to 24-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 8-pack to 9-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 8-pack to 12-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 8-pack to 16-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 8-pack to 18-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 8-pack to 24-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 9-pack to 12-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 9-pack to 16-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 9-pack to 18-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 9-pack to 24-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 12-pack to 16-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 12-pack to 18-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 12-pack to 24-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 16-pack to 18-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 16-pack to 24-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 1 Processor 1.92TB 18-pack to 24-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 6-pack to 8-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 6-pack to 9-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 6-pack to 12-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 6-pack to 16-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 6-pack to 18-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 6-pack to 24-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 8-pack to 9-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 8-pack to 12-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 8-pack to 16-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 8-pack to 18-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 8-pack to 24-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 9-pack to 12-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 9-pack to 16-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 9-pack to 18-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 9-pack to 24-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 12-pack to 16-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 12-pack to 18-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 12-pack to 24-pack Upgrade E-RTU  
 HPE SimpliVity 380 G 2 Processors 1.92TB 16-pack to 18-pack Upgrade E-RTU

### SKU

S1N25AAE  
 S1N26AAE  
 S1N27AAE  
 S1N28AAE  
 S1N29AAE  
 S1N30AAE  
 S1N31AAE  
 S1N32AAE  
 S1N33AAE  
 S1N34AAE  
 S1N35AAE  
 S1N36AAE  
 S1N37AAE  
 S1N38AAE  
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 S1N73AAE  
 S1N74AAE  
 S1N75AAE  
 S1N76AAE  
 S1N77AAE  
 S1N78AAE  
 S1N79AAE  
 S1N80AAE  
 S1N81AAE  
 S1N82AAE  
 S1N83AAE  
 S1N84AAE  
 S1N85AAE



## Configuration Information

HPE SimpliVity 380 G 2 Processors 1.92TB 16-pack to 24-pack Upgrade E-RTU	S1N86AAE
HPE SimpliVity 380 G 2 Processors 1.92TB 18-pack to 24-pack Upgrade E-RTU	S1N87AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 6-pack to 8-pack Upgrade E-RTU	S1N25AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 6-pack to 9-pack Upgrade E-RTU	S1N26AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 6-pack to 12-pack Upgrade E-RTU	S1N27AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 6-pack to 16-pack Upgrade E-RTU	S1N28AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 6-pack to 18-pack Upgrade E-RTU	S1N29AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 6-pack to 24-pack Upgrade E-RTU	S1N30AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 8-pack to 9-pack Upgrade E-RTU	S1N31AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 8-pack to 12-pack Upgrade E-RTU	S1N32AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 8-pack to 16-pack Upgrade E-RTU	S1N33AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 8-pack to 18-pack Upgrade E-RTU	S1N34AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 8-pack to 24-pack Upgrade E-RTU	S1N35AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 9-pack to 12-pack Upgrade E-RTU	S1N36AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 9-pack to 16-pack Upgrade E-RTU	S1N37AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 9-pack to 18-pack Upgrade E-RTU	S1N38AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 9-pack to 24-pack Upgrade E-RTU	S1N39AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 12-pack to 16-pack Upgrade E-RTU	S1N40AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 12-pack to 18-pack Upgrade E-RTU	S1N41AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 12-pack to 24-pack Upgrade E-RTU	S1N42AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 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.

### Description

	SKU
HPE SimpliVity 380 G Additional Processor 1.92TB 6-pack SSD Upgrade E-LTU	R6V22AAE
HPE SimpliVity 380 G Additional Processor 1.92TB 8-pack SSD Upgrade E-LTU	R6V23AAE
HPE SimpliVity 380 G Additional Processor 1.92TB 16-pack SSD Upgrade E-LTU	R6V25AAE
HPE SimpliVity 380 G Additional Processor 1.92TB 24-pack SSD Upgrade E-LTU	R6V26AAE
HPE SimpliVity 380 G Additional Processor 1.92TB 24-pack SSD Upgrade E-LTU	R6V26AAE

### Notes:

- For additional processor license for 9-pack, use the 8-pack licenses
- For additional processor license for 18-pack, use the 16-pack licenses

## 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

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

**Action:** Select the Processor Heat Sink

HPE DL380 Gen10 High Performance Heat Sink Kit	826706-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)





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## Configuration Information

### **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.

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## 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)

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### 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.

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## Summary of Changes

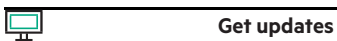
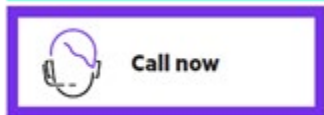
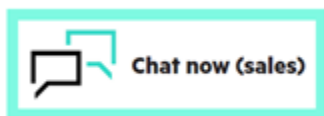
Date	Version History	Action	Description of Change
14-Apr-2025	Version 35	Changed	Standard Features, and Configuration Information sections were updated
04-Nov-2024	Version 34	Changed	Overview, Standard Features, and Configuration Information sections were updated
05-Aug-2024	Version 33	Changed	Overview, 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.
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 10TB 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.

## Summary of Changes

Date	Version History	Action	Description of Change
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.
		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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