Overview

HPE SimpliVity 380

HPE SimpliVity 380, based on the HPE ProLiant DL380 Gen10 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 Gen10 and Gen10 Plus delivers 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 Gen10/Gen10 Plus

What's New

- HPE SimpliVity now supports the DL380 Gen10 Plus server powered by the 3rd Generation Intel® Xeon® Scalable Ice Lake Processors
- Higher CPU Core Count, Memory and Network Adapter bandwidth with HPE SimpliVity 380 Gen10 Plus
- Support for HPE 3.84TB SATA SSD drives on HPE SimpliVity 380 Gen10 Plus
- Support for Broadcom MR216i-p on SimpliVity 380 Gen10 Plus
- Support for NS204i-p boot drive controllers on both HPE SimpliVity 380 Gen10 and Gen10 Plus nodes
- NVIDIA A100, A40, A30, A16, A10, A2 and T4 GPU's for next generation, intelligent workloads on SimpliVity 380 Gen10 Plusl
- HPE SimpliVity now supports Single Disk and Dual Disk resiliency options at the time of Deployment with additional SSD configurations for HPE SimpliVity 380 G and HPE SimpliVity 380 Gen10 Plus.

Notes: 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**

Standard Features

Scalable and Configurable

- Expandable in 1 node increments up to 96 total nodes
- Processor - Choice of Intel® Xeon® Scalable Processors
- Memory - 128GB to 8192GB (Per node depending on the platform and configuration)
- Network - 100Gb, 10/25Gb, 1Gb (depending on the platform and configuration)
- Power - Redundant
- Virtualization Software and Licensing
- 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.

Software Features

- VMware vSphere
- HPE SimpliVity management plugin for VMware vCenter
- HPE Backup Archive to HPE Cloud Bank
- 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

   o QuickSpecs: **https://h20195.www2.hpe.com/v2/getdocument.aspx?docname=a00018755enw**

HPE SimpliVity 380 supports VMware vSphere & vCenter 7.0
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 Availability Features

- Cluster expansion without downtime
- Choice of Single Disk resiliency or Dual Disk resiliency on HPE SimpliVity 380 G/Gen10 Plus nodes
- Hot-pluggable SSD
- Redundant power supplies
- Integrated storage controller with battery-backed cache
- HPE ProLiant Integrated Lights-Out Advanced (iLO) 5 Remote Management

Services

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

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

Standard Features

Features

HPE SimpliVity 380 Gen10 Plus (Networking Choice (NC) Model)	
Node Size	2U
Processors	2x 3rd Generation Intel® Xeon® Scalable Ice Lake Processors 8 to 40 cores selectable, 1 or 2CPU options
Memory	128GB to 4096GB per socket selectable
Boot Controller	Choice of Smart Array MR216i-p, E208i-p or NS204i-p boot controllers
Boot Disks	480 GB SSD Boot disks (Not required with NS204i-p)
Storage	All Flash Storage Options (RI) Capacity Options: 6 x 1.92TB SSD - 7.5TB (usable) 8 x 1.92TB SSD - 10TB (usable) 9x 1.92TB SSD - 10TB (usable) 12 x 1.92TB SSD - 15TB (usable) 6 x 3.84TB SSD - 15TB (usable) 8 x 3.84TB SSD - 21TB (usable) 9x 3.84TB SSD - 21TB (usable) 12 x 3.84TB SSD - 32TB (usable) **Notes:** Single Disk resiliency is supported on x6, x8 and x12 options Dual Disk resiliency is supported on x6, x9 and x12 options Some Configurations may require exception approval
Power Supplies	HPE 800W Flex Slot Titanium Hot Plug Low Halogen Power Supply Kit HPE 800W Flex Slot -48VDC Hot Plug Low Halogen Power Supply Kit HPE 800W Flex Slot Universal Hot Plug Low Halogen Power Supply Kit HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit HPE 1000W Flex Slot Titanium Hot Plug Power Supply Kit HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit HPE 1600W Flex Slot -48VDC Hot Plug Power Supply Kit HPE 1600W -48VDC Power Cable Lug Kit
Hardware Warranty	Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response
Hardware Support	3-year HPE SimpliVity 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

HPE SimpliVity 380 Gen10	
Node Size	2U
Processors	2x Intel® Xeon® Scalable Processors 8 to 28 cores selectable, 1 or 2CPU options
Memory	144GB to 3072GB per node selectable
Storage	Two All Flash Storage Options (4000/6000 Series) and Five Capacity Points: Extra Small - 5 x 960GB SSD Kit Small - 5 x 1.92TB SSD Kit Medium - 9x 1.92TB SSD Kit Large - 12 x 1.92TB SSD Kit Extra Large - 12 x 3.84TB SSD Kit (4000 Series only)
Network Ports	Ethernet 1Gb LOM embedded, 10Gb FLOM
Power Supplies	HPE 800W FS Plat Hot Plug Power Supply Kit HPE 800W FS -48VDC Hot Plug Power Supply Kit HPE 800W FS Titanium Hot Plug Power Supply Kit HPE 800W FS Universal Hot Plug Power Supply Kit HPE 1600W FS Platinum Hot Plug LH Power Supply Kit
Hardware Warranty	Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response
Hardware Support	3-year HPE SimpliVity 380 Gen10 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.

HPE SimpliVity 380 Gen10 G (Networking Choice (NC) Models)	
Node Size	2U
Processors	2x Intel® Xeon® Scalable Processors 8 to 28 cores selectable, 1 or 2CPU options
Memory	128GB to 3072GB per node selectable
Boot Controller	Choice of Smart Array E208i-p or NS204i-p boot controllers
Boot Disks	Choice of 300 GB HDD or 480 GB SSD Boot disks
Storage	Two All Flash Storage Options (RI/MU) Capacity Options: 6 x 1.92TB SSD Kit - 7.5TB (usable) 8 x 1.92TB SSD Kit - 10TB (usable) 9x 1.92TB SSD Kit - 10TB (usable) 12 x 1.92TB SSD Kit- 15TB (usable) 16 x 1.92TB SSD Kit- 20TB (usable) 18 x 1.92TB SSD Kit- 20TB (usable) 24 x 1.92TB SSD Kit- 32TB (usable) **Notes:** – Single Disk resiliency is supported on x6, x8, x12, x16 and x24 options – Dual Disk resiliency is supported on x6, x9, x12, x18 and x24 options – Mixed Use (MU) options are NOT supported on x9, x18 or x24 options
Network Ports	10Gb FLOM **Notes:** Networking Choice (NC) models do not include an embedded NIC, additional options available via stand-up card NIC adapters to better suit customer needs

Standard Features

Power Supplies	HPE 800W FS Plat Hot Plug Power Supply Kit HPE 800W FS -48VDC Hot Plug Power Supply Kit HPE 800W FS Titanium Hot Plug Power Supply Kit HPE 800W FS Universal Hot Plug Power Supply Kit HPE 1600W FS Platinum Hot Plug LH Power Supply Kit
Hardware Warranty	Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response
Hardware Support	3-year HPE SimpliVity 380 Gen10 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.

Network Choice (NC) models do not include an Ethernet 1Gb LOM embedded NIC. A pre-selected FlexibleLOM is included in the configuration with additional options available via stand-up card NIC adapters.

HPE SimpliVity 380 Gen10 G	
Node Size	2U
Processors	2x Intel® Xeon® Scalable Processors 8 to 28 cores selectable, 1 or 2CPU options
Memory	128GB to 3072GB per node selectable
Boot Controller	Choice of Smart Array E208i-p or NS204i-p boot controllers
Boot Disks	Choice of 300 GB HDD or 480 GB SSD Boot disks
Storage	Two All Flash Storage Options (RI/MU) Capacity Options: 6 x 1.92TB SSD Kit - 7.5TB (usable) 8 x 1.92TB SSD Kit - 10TB (usable) 9x 1.92TB SSD Kit - 10TB (usable) 12 x 1.92TB SSD Kit- 15TB (usable) 16 x 1.92TB SSD Kit- 20TB (usable) 18 x 1.92TB SSD Kit- 20TB (usable) 24 x 1.92TB SSD Kit- 32TB (usable) **Notes:** Single Disk resiliency is supported on x6, x8, x12, x16 and x24 options Dual Disk resiliency is supported on x6, x9, x12, x18 and x24 options Mixed Use (MU) options are NOT supported on x9, x18 or x24 options
Network Ports	Ethernet 1Gb LOM embedded, 10Gb FLOM
Power Supplies	HPE 800W FS Plat Hot Plug Power Supply Kit HPE 800W FS -48VDC Hot Plug Power Supply Kit HPE 800W FS Titanium Hot Plug Power Supply Kit HPE 800W FS Universal Hot Plug Power Supply Kit HPE 1600W FS Platinum Hot Plug LH Power Supply Kit
Hardware Warranty	Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response
Hardware Support	3-year HPE SimpliVity 380 Gen10 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

HPE SimpliVity 380 Gen10 H (Networking Choice (NC) Models)	
Node Size	2U SFF
Processors	2x Intel® Xeon® Scalable Processors 8 to 28 cores selectable, 1 or 2CPU options
Memory	192GB to 3072GB per node selectable
Storage	SFF General Purpose Virtualization: 4x 1.92TB, 20 x 1.2TB HDD- 20TB (usable)
Network Ports	10Gb FLOM **Notes:** Networking Choice (NC) models do not include an embedded NIC, additional options available via stand-up card NIC adapters to better suit customer needs
Power Supplies	HPE 800W FS Plat Hot Plug Power Supply Kit HPE 800W FS -48VDC Hot Plug Power Supply Kit HPE 800W FS Titanium Hot Plug Power Supply Kit HPE 800W FS Universal Hot Plug Power Supply Kit HPE 1600W FS Platinum Hot Plug LH Power Supply Kit
Hardware Warranty	Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response
Hardware Support	3-year HPE SimpliVity 380 Gen10 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.
Network Choice (NC) models do not include an Ethernet 1Gb LOM embedded NIC. A pre-selected FlexibleLOM is included in the configuration with additional options available via stand-up card NIC adapters.

HPE SimpliVity 380 Gen10 H	
Node Size	2U SFF
Processors	2x Intel® Xeon® Scalable Processors 8 to 28 cores selectable, 1 or 2CPU options
Memory	192GB to 3072GB per node selectable
Storage	SFF General Purpose Virtualization: 4x 1.92TB, 20 x 1.2TB HDD- 20TB (usable)
Network Ports	Ethernet 1Gb LOM embedded, 10Gb FLOM
Power Supplies	HPE 800W FS Plat Hot Plug Power Supply Kit HPE 800W FS -48VDC Hot Plug Power Supply Kit HPE 800W FS Titanium Hot Plug Power Supply Kit HPE 800W FS Universal Hot Plug Power Supply Kit HPE 1600W FS Platinum Hot Plug LH Power Supply Kit
Hardware Warranty	Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response
Hardware Support	3-year HPE SimpliVity 380 Gen10 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 nea-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 Backup Archive to Cloud Bank feature enables cloud storage via the regular Catalyst store to CloudBank store for long-term retention

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.

Software Overview

Pre-integrated software

- HPE SimpliVity Startup Wizard

Virtualization Platform Software and Licenses

- HPE SimpliVity 380 Gen10 and Gen10 Plus support VMware vSphere ESXi.
- VMware vSphere installation is performed by HPE when ordering HPE SimpliVity 380 nodes
- Valid licenses for the following VMware software components are available when ordering HPE SimpliVity 380 nodes
  - (1 or 2) VMware vSphere license(s) per node depending on CPU count
  - (1) VMware vCenter license

Standard Features

Notes:

HPE SimpliVity 380 supports VMware vSphere & vCenter 7.0
For VMware and HW compatibility, please visit **HPE Support Center portal** or
    https://www.hpe.com/info/simplivity-interop-doc
HPE SimpliVity 380 nodes for VMware vSphere require valid VMware vSphere, and vCenter licenses.
    VMware licenses can only be removed from the order if it is confirmed that the end-customer has valid
    licenses in place (Enterprise License Agreement (ELA), vCloud Air Partner or unused Enterprise
    Purchasing Program tokens).
Purchasing VMware licenses from Hewlett Packard Enterprise allows Hewlett Packard Enterprise to be the
    single point of contact for the entire solution, inclusive of the virtualization software, and is
    recommended.

Management

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

Notes:

The HPE SimpliVity 380 supports VMware vCenter 7.0
For VMware and HW compatibility, please visit **HPE Support Center portal** or
    https://www.hpe.com/info/simplivity-interop-doc

Service and Support

HPE Pointnext - Service and Support

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

Consume IT on your terms

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

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

Managed services to run your IT operations

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

Recommended Services

HPE Pointnext Tech Care*.

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

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

HPE Pointnext Complete Care

HPE Pointnext Complete Care is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts. HPE Pointnext Complete Care provides:

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

https://www.hpe.com/services/completecare

HPE Tech Care for HPE SimpliVity (choose the response level that meets your needs)

HPE Tech Care for HPE SimpliVity was designed to help meet your support needs effectively and efficiently. Receive all the benefits of HPE Tech Care (details are below) plus access specific self-serve tools, usage support, predictive notifications, and technical expertise that will give you control to manage

Service and Support

your HPE SimpliVity solution and keep it reliable, stable, and at peak performance. Use the HPE SimpliVity forums with committed response time to answer questions or for questions where you require community feedback. Access how to videos, best practices from support experts to address common challenges, or find out about beneficial hints and tips. Ask HPE SimpliVity solution operational questions with HPE Tech Care for HPE SimpliVity.

HPE Tech Care gives customers an enhanced call experience. When your products are connected to HPE, Tech Care helps prevent problems and maintains IT stability by utilizing personalized proactive reports with recommendations and advice.

HPE Tech Care is available in 3, 4, and 5 year terms with a choice of response levels: Next Business Day (NBD), 24x7 with a 4-hour response, and 24x7 with 6-hour call to repair (CTR). This Service combines both reactive support when there is a problem with an enhanced call experience and start to finish case management with proactive reporting and advice. This service also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.).

Notes: Services for customers purchasing from Hewlett Packard Enterprise or an enterprise reseller are quoted using Hewlett Packard Enterprise order configuration tools.

Other Related Services

HPE Server Hardware Installation

Provides for the basic hardware installation of HPE branded servers, storage devices and networking options to assist you in bringing your new hardware into operation in a timely and professional manner.

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

HPE Installation and Startup Service

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

HPE Service Credits

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

HPE Education Services

Provides comprehensive training designed to expand the skills of your IT staff and keep them up to speed with the latest technologies.

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

Parts and Materials

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

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product QuickSpecs, or the technical

Service and Support

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

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

For more information

- **https://www.hpe.com/services**
- **https://www.hpe.com/us/en/services/operational.html**

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

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

Configuration Information

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

Remarks	Description	SKU
	HPE SimpliVity 380 Gen10 Plus Node	S1J98A
	HPE SimpliVity 380 Gen10+ Soln Trk	S2A12A

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

Remarks	Description	SKU
32C 2.2GHz 205W	Intel Xeon-Platinum 8352Y 2.2GHz 32-core 205W Processor for HPE	P36929-B21
32C 2.6GHz 250W	Intel Xeon-Platinum 8358 2.6GHz 32-core 250W Processor for HPE	P36938-B21
36C 2.4GHz 250W	Intel Xeon-Platinum 8360Y 2.4GHz 36-core 250W Processor for HPE	P36939-B21
38C 2.4GHz 270W	Intel Xeon-Platinum 8368 2.4GHz 38-core 270W Processor for HPE	P36940-B21
40C 2.3GHz 270W	Intel Xeon-Platinum 8380 2.3GHz 40-core 270W Processor for HPE	P36941-B21
32C 2.8GHz 265W	Intel Xeon-Platinum 8362 2.8GHz 32-core 265W Processor for HPE	P45418-B21
36C 2.1GHz 195W	Intel Xeon-Platinum 8352V 2.1GHz 36-core 195W Processor for HPE	P37599-B21
32C 2.3GHz 185W	Intel Xeon-Platinum 8352M 2.3GHz 32-core 185W Processor for HPE	P45414-B21
32C 2.6GHz 240W	Intel Xeon-Platinum 8358P 2.6GHz 32-core 240W Processor for HPE	P37598-B21
18C 3.0GHz 205W	Intel Xeon-Gold 6354 3.0GHz 18-core 205W Processor for HPE	P36935-B21
28C 2.6GHz 235W	Intel Xeon-Gold 6348 2.6GHz 28-core 235W Processor for HPE	P36937-B21
16C 3.1GHz 205W	Intel Xeon-Gold 6346 3.1GHz 16-core 205W Processor for HPE	P36934-B21
32C 2.0GHz 205W	Intel Xeon-Gold 6338 2.0GHz 32-core 205W Processor for HPE	P36928-B21
28C 2.0GHz 205W	Intel Xeon-Gold 6330 2.0GHz 28-core 205W Processor for HPE	P36927-B21
16C 2.9GHz 185W	Intel Xeon-Gold 6326 2.9GHz 16-core 185W Processor for HPE	P36932-B21
24C 2.8GHz 230W	Intel Xeon-Gold 6342 2.8GHz 24-core 230W Processor for HPE	P36936-B21
24C 2.4GHz 185W	Intel Xeon-Gold 6336Y 2.4GHz 24-core 185W Processor for HPE	P36926-B21
Remarks	**Description**	**SKU**
8C 3.6GHz 165W	Intel Xeon-Gold 6334 3.6GHz 8-core 165W Processor for HPE	P36933-B21

Configuration Information

26C 2.2GHz 185W	Intel Xeon-Gold 5320 2.2GHz 26-core 185W Processor for HPE	P36925-B21
24C 2.1GHz 165W	Intel Xeon-Gold 5318Y 2.1GHz 24-core 165W Processor for HPE	P36924-B21
12C 3.0GHz 150W	Intel Xeon-Gold 5317 3.0GHz 12-core 150W Processor for HPE	P36931-B21
8C 3.2GHz 140W	Intel Xeon-Gold 5315Y 3.2GHz 8-core 140W Processor for HPE	P36930-B21
20C 2.3GHz 150W	Intel Xeon-Silver 4316 2.3GHz 20-core 150W Processor for HPE	P36923-B21
16C 2.4GHz 135W	Intel Xeon-Silver 4314 2.4GHz 16-core 135W Processor for HPE	P36922-B21
12C 2.1GHz 120W	Intel Xeon-Silver 4310 2.1GHz 12-core 120W Processor for HPE	P36921-B21
8C 2.8GHz 105W	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

Remarks	Description	SKU
Registered DIMMs (RDIMMs)		
8 GB (1x8 GB)	HPE 8GB (1x8GB) Single Rank x8 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P07525-K21
16 GB (1x16 GB)	HPE 16GB (1x16GB) Single Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P06029-K21
16 GB (1x16 GB)	HPE 16GB (1x16GB) Dual Rank x8 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P06031-K21
32 GB (1x32 GB)	HPE 32GB (1x32GB) Dual Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P06033-K21
32 GB (1x32 GB)	HPE 32GB (1x32GB) Single Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P40007-B21
64 GB (1x64 GB)	HPE 64GB (1x64GB) Dual Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P06035-K21
Load Reduced DIMMs (LRDIMMs)		
128 GB (1x128 GB)	HPE 128GB (1x128GB) Quad Rank x4 DDR4-3200 CAS-22-22-22 Load Reduced Smart Memory Kit	P06037-K21
256 GB (1x256 GB)	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

Description	SKU
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

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

Configuration Information

Description	SKU
HPE SimpliVity 480GB SATA 6G Read Intensive SFF BC Multi Vendor SSD	S1J86A
HPE SimpliVity 960GB SATA 6G Read Intensive SFF BC Multi Vendor SSDHPE	S1J87A
SimpliVity 960GB SATA 6G Read Intensive SFF BC Multi Vendor SSD	

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

Networking

PCI-e NIC Adapters

1 Gigabit Ethernet adapters*

Description	SKU
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*

Description	SKU
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
Marvell QL41132HLRJ Ethernet 10Gb 2-port BASE-T Adapter for HPE	P08437-B21
Marvell QL41132HLCU Ethernet 10Gb 2-port SFP+ Adapter for HPE	P21933-B21

Notes: * Can be installed in PCIe x8 Slot

25 Gigabit Ethernet adapters

Description	SKU
Broadcom BCM57414 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P26262-B21
Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	P26264-B21
Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P08443-B21
Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE	P08458-B21
Mellanox MCX512F-ACHT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P13188-B21
Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P42044-B21
Marvell QL41232HLCU Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P22702-B21

100 Gigabit Ethernet adapters

Description	SKU
HPE Ethernet 100Gb 1-port QSFP28 PCIe3 x16 MCX515A-CCAT Adapter	P31246-B21
Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE	P21112-B21
Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	P25960-B21

OCP 3.0 NIC Adapters*

Description	SKU
Broadcom BCM5719 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	P51181-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
Broadcom BCM57414 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	P10115-B21
Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	P08449-B21
Intel X710-DA2 Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE	P28778-B21
Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	P10106-B21
Marvell QL41132HQRJ Ethernet 10Gb 2-port BASE-T OCP3 Adapter for HPE	P10103-B21
Marvell QL41132HQCU Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE	P08452-B21
Marvell QL41232HQCU Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	P10118-B21
Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	P42041-B21

Configuration Information

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.**

Fiber Channel Host Bus Adapters*

Description	SKU
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)*

Description	SKU
NVIDIA T4 16GB Computational Accelerator for HPE	R0W29C
NVIDIA A2 16GB PCIe Non-CEC Accelerator for HPE	R9H23C
NVIDIA A10 24GB PCIe Non-CEC Accelerator for HPE	R9W59C
NVIDIA A16 64GB PCIe Non-CEC Accelerator for HPE	R8T26C
NVIDIA A30 PCIe Non-CEC Accelerator for HPE	R9S38C
NVIDIA A40 48GB PCIe Non-CEC Accelerator for HPE	R9S37C
NVIDIA A100 80GB PCIe Non-CEC Accelerator for HPE	R9P49C

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 Universal Hot Plug Low Halogen 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

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

Configuration Information

HPE High Performance Heatsinks

Description	SKU
HPE ProLiant DL380 Gen10 Plus High Performance Heat Sink Kit	P27095-B21

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

Read Intensive

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

1.92TB SSD Options

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

Or

3.84TB SSD Options

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

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.

1.92TB 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

1.92TB 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

Configuration Information

3.84TB 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

3.84TB 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

Remarks	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

VMware Software
Action:

- A valid VMware vSphere license is required for each CPU to complete deployment.
- If an order is placed without VMware licenses, the user agrees to supply the necessary license.

vSphere

Remarks	Description	SKU
	VMware vSphere Remote Office Branch Office Standard 25VM 3yr E-LTU	P9A82AAE
	VMware vSphere Remote Office Branch Office Standard 25VM 5yr E-LTU	P9A83AAE
	VMware vSphere Remote Office Branch Office Advanced 25VM 3yr E-LTU	P9A85AAE
	VMware vSphere Remote Office Branch Office Advanced 25VM 5yr E-LTU	P9A86AAE
	VMware vSphere Standard 1 Processor 3yr Software	BD711A
	VMware vSphere Standard 1 Processor 3yr E-LTU	BD711AAE
	VMware vSphere Enterprise Plus 1 Processor 3yr Software	BD715A
	VMware vSphere Enterprise Plus 1 Processor 3yr E-LTU	BD715AAE
	VMware vSphere Standard 1 Processor 5yr Software	BD512A
	VMware vSphere Standard 1 Processor 5yr E-LTU	BD512AAE
	VMware vSphere Enterprise Plus 1 Processor 5yr Software	BD514A
	VMware vSphere Enterprise Plus 1 Processor 5yr E-LTU	BD514AAE

Notes:

– HPE SimpliVity 380 Gen10 for VMware vSphere requires valid VMware vSphere and vCenter licenses. VMware licenses can only be removed from the order if it is confirmed that the end-customer has valid

Configuration Information

HPE Integrated Lights Out Advanced Software (iLO Advanced)
Action: The HPE iLO Advanced license is required

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

HPE SimpliVity 380 Gen10: Overview for New System

Use the following steps to order a new SimpliVity 380 Gen10 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

Select the base node

Description	SKU
HPE SimpliVity 380 Gen10 Node	Q8D81A
VMware ESXi Option	#001

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

2nd Generation Intel® Xeon® Scalable Processors

Action:

- Select CPUs for the node
- In the case of Single CPU only L21 SKU will be included by the configurator.
- In the case of dual CPU: both the L21 and the B21 SKU will be included by the configurator.

Primary

Remarks	Description	SKU

Configuration Information

8C 2.1GHz 85W	Intel Xeon-Silver 4208 (2.1GHz/8-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02491-L21
10C 2.2GHz 85W	Intel Xeon-Silver 4210 (2.2GHz/10-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02492-L21
12C 2.2GHz 85W	Intel Xeon-Silver 4214 (2.2GHz/12-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02493-L21
16C 2.1GHz 100W	Intel Xeon-Silver 4216 (2.1GHz/16-core/100W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02495-L21
10C 2.5GHz 85W	Intel Xeon-Gold 5215 (2.5GHz/10-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02496-L21

Remarks	Description	SKU
8C 3.0GHz 125W	Intel Xeon-Gold 5217 (3.0GHz/8-core/115W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02497-L21
16C 2.3GHz 125W	Intel Xeon-Gold 5218 (2.3GHz/16-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02498-L21
18C 2.2GHz 125W	Intel Xeon-Gold 5220 (2.2GHz/18-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02499-L21
12C 2.7GHz 125W	Intel Xeon-Gold 6226 (2.7GHz/12-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02501-L21
20C 2.1GHz 125W	Intel Xeon-Gold 6230 (2.1GHz/20-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02502-L21
8C 3.3GHz 130W	Intel Xeon-Gold 6234 (3.3GHz/8-core/130W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02503-L21
22C 2.1GHz 140W	Intel Xeon-Gold 6238 (2.1GHz/22-core/140W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02504-L21
18C 2.6GHz 150W	Intel Xeon-Gold 6240 (2.6GHz/18-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02509-L21
16C 2.8GHz 150W	Intel Xeon-Gold 6242 (2.8GHz/16-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02510-L21
8C 3.7GHz 150W	Intel Xeon-Gold 6244 (3.6GHz/8-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02512-L21
20C 2.5GHz 150W	Intel Xeon-Gold 6248 (2.5GHz/20-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02514-L21
24C 2.1GHz 150W	Intel Xeon-Gold 6252 (2.1GHz/24-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02516-L21
18C 3.1GHz 200W	Intel Xeon-Gold 6254 (3.1GHz/18-core/200W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02517-L21
24C 2.4GHz 165W	Intel Xeon-Platinum 8260 (2.4GHz/24-core/165W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02521-L21
24C 2.9GHz 205W	Intel Xeon-Platinum 8268 (2.9GHz/24-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02524-L21
28C 2.2GHz 165W	Intel Xeon-Platinum 8276 (2.2GHz/28-core/165W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02526-L21
28C 2.7GHz 205W	Intel Xeon-Platinum 8280 (2.7GHz/28-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02527-L21
12C 3.3GHz 165W	Intel Xeon-Gold 6246 (3.3GHz/12-core/165W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P15758-L21
8C 1.9GHz 85W	Intel Xeon-Bronze 3206R (1.9GHz/8-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P23547-L21
10C 2.4GHz 100W	Intel Xeon-Silver 4214R (2.4GHz/12-core/100W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P23550-L21

Configuration Information

8C 3.2GHz 130W	Intel Xeon-Silver 4215R (3.2GHz/8-core/130W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24465-L21
20C 2.1GHz 125W	Intel Xeon-Gold 5218R (2.1GHz/20-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24466-L21
24C 2.2GHz 150W	Intel Xeon-Gold 5220R (2.2GHz/24-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P23553-L21
16C 2.9GHz 150W	Intel Xeon-Gold 6226R (2.9GHz/16-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24467-L21
26C 2.1GHz 150W	Intel Xeon-Gold 6230R (2.1GHz/26-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24468-L21

Remarks	Description	
28C 2.2GHz 165W	Intel Xeon-Gold 6238R (2.2GHz/28-core/165W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24469-L21
24C 2.4GHz 165W	Intel Xeon-Gold 6240R (2.4GHz/24-core/165W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24470-L21
20C 3.1GHz 205W	Intel Xeon-Gold 6242R (3.1GHz/20-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24471-L21
16C 3.4GHz 205W	Intel Xeon-Gold 6246R (3.4GHz/16-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24472-L21
24C 3.0GHz 205W	Intel Xeon-Gold 6248R (3.0GHz/24-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24473-L21
28C 2.7GHz 205W	Intel Xeon-Gold 6258R (2.7GHz/28-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24474-L21

Secondary Remarks	Description	SKU
8C 2.1GHz 85W	Intel Xeon-Silver 4208 (2.1GHz/8-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P02491-B21
10C 2.2GHz 85W	Intel Xeon-Silver 4210 (2.2GHz/10-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P02492-B21
12C 2.2GHz 85W	Intel Xeon-Silver 4214 (2.2GHz/12-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P02493-B21
16C 2.1GHz 100W	Intel Xeon-Silver 4216 (2.1GHz/16-core/100W) Processor Kit for HPE ProLiant DL380 Gen10	P02495-B21
10C 2.5GHz 85W	Intel Xeon-Gold 5215 (2.5GHz/10-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P02496-B21
8C 3.0GHz 125W	Intel Xeon-Gold 5217 (3.0GHz/8-core/115W) Processor Kit for HPE ProLiant DL380 Gen10	P02497-B21
16C 2.3GHz 125W	Intel Xeon-Gold 5218 (2.3GHz/16-core/125W) Processor Kit for HPE ProLiant DL380 Gen10	P02498-B21
18C 2.2GHz 125W	Intel Xeon-Gold 5220 (2.2GHz/18-core/125W) Processor Kit for HPE ProLiant DL380 Gen10	P02499-B21
12C 2.7GHz 125W	Intel Xeon-Gold 6226 (2.7GHz/12-core/125W) Processor Kit for HPE ProLiant DL380 Gen10	P02501-B21
20C 2.1GHz 125W	Intel Xeon-Gold 6230 (2.1GHz/20-core/125W) Processor Kit for HPE ProLiant DL380 Gen10	P02502-B21
8C 3.3GHz 130W	Intel Xeon-Gold 6234 (3.3GHz/8-core/130W) Processor Kit for HPE ProLiant DL380 Gen10	P02503-B21
22C 2.1GHz 140W	Intel Xeon-Gold 6238 (2.1GHz/22-core/140W) Processor Kit for HPE ProLiant DL380 Gen10	P02504-B21
18C 2.6GHz 150W	Intel Xeon-Gold 6240 (2.6GHz/18-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P02509-B21
16C 2.8GHz 150W	Intel Xeon-Gold 6242 (2.8GHz/16-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P02510-B21
8C 3.7GHz 150W	Intel Xeon-Gold 6244 (3.6GHz/8-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P02512-B21
20C 2.5GHz 150W	Intel Xeon-Gold 6248 (2.5GHz/20-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P02514-B21

Configuration Information

24C 2.1GHz 150W	Intel Xeon-Gold 6252 (2.1GHz/24-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P02516-B21
18C 3.1GHz 200W	Intel Xeon-Gold 6254 (3.1GHz/18-core/200W) Processor Kit for HPE ProLiant DL380 Gen10	P02517-B21

Remarks	Description	SKU
24C 2.4GHz 165W	Intel Xeon-Platinum 8260 (2.4GHz/24-core/165W) Processor Kit for HPE ProLiant DL380 Gen10	P02521-B21
24C 2.9GHz 205W	Intel Xeon-Platinum 8268 (2.9GHz/24-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P02524-B21
28C 2.2GHz 165W	Intel Xeon-Platinum 8276 (2.2GHz/28-core/165W) Processor Kit for HPE ProLiant DL380 Gen10	P02526-B21
28C 2.7GHz 205W	Intel Xeon-Platinum 8280 (2.7GHz/28-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P02527-B21
12C 3.3GHz 165W	Intel Xeon-Gold 6246 (3.3GHz/12-core/165W) Processor Kit for HPE ProLiant DL380 Gen10	P15758-B21
8C 1.9GHz 85W	Intel Xeon-Bronze 3206R (1.9GHz/8-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P23547-B21
10C 2.4GHz 100W	Intel Xeon-Silver 4210R (2.4GHz/10-core/100W) Processor Kit for HPE ProLiant DL380 Gen10	P23549-B21
12C 2.4GHz 100W	Intel Xeon-Silver 4214R (2.4GHz/12-core/100W) Processor Kit for HPE ProLiant DL380 Gen10	P23550-B21
8C 3.2GHz 130W	Intel Xeon-Silver 4215R (3.2GHz/8-core/130W) Processor Kit for HPE ProLiant DL380 Gen10	P24465-B21
20C 2.1GHz 125W	Intel Xeon-Gold 5218R (2.1GHz/20-core/125W) Processor Kit for HPE ProLiant DL380 Gen10	P24466-B21
24C 2.2GHz 150W	Intel Xeon-Gold 5220R (2.2GHz/24-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P23553-B21
16C 2.9GHz 150W	Intel Xeon-Gold 6226R (2.9GHz/16-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P24467-B21
26C 2.1GHz 150W	Intel Xeon-Gold 6230R (2.1GHz/26-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P24468-B21
28C 2.2GHz 165W	Intel Xeon-Gold 6238R (2.2GHz/28-core/165W) Processor Kit for HPE ProLiant DL380 Gen10	P24469-B21
24C 2.4GHz 165W	Intel Xeon-Gold 6240R (2.4GHz/24-core/165W) Processor Kit for HPE ProLiant DL380 Gen10	P24470-B21
20C 3.1GHz 205W	Intel Xeon-Gold 6242R (3.1GHz/20-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P24471-B21
16C 3.4GHz 205W	Intel Xeon-Gold 6246R (3.4GHz/16-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P24472-B21
24C 3.0GHz 205W	Intel Xeon-Gold 6248R (3.0GHz/24-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P24473-B21
28C 2.7GHz 205W	Intel Xeon-Gold 6258R (2.7GHz/28-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P24474-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

DDR4-2933

Remarks	Description	SKU
6x 8GB AND 6x 16GB RDIMMs	HPE SimpliVity 144G(6x8/6x16) RDIMM Kit	R4C18A
12x 16GB RDIMMs	HPE SimpliVity 192GB (12x16GB) DDR4-2933 Registered Memory Kit	R4C19A
6x 32GB RDIMMs	HPE SimpliVity 192GB (6x32GB) DDR4-2933 Registered Memory Kit	R4C20A

Configuration Information

Remarks	Description	SKU
6x 32GB AND 6x 8GB RDIMMs	HPE SimpliVity 240GB (6x32GB/6x8GB) DDR4-2933 Registered Memory Kit	R4C21A
4x 64GB RDIMMs	HPE SimpliVity 256GB (4x64GB) DDR4-2933 Registered Memory Kit	R4C22A
8x 32GB LRDIMMs	HPE SimpliVity 256GB (8x32GB) DDR4-2933 Registered Memory Kit	R4C23A
6x 32GB AND 6x 16GB RDIMMs	HPE SimpliVity 288GB (6x32GB/6x16GB) DDR4-2933 Registered Memory Kit	R4C26A
12x 32GB RDIMMs	HPE SimpliVity 384GB (12x32GB) DDR4-2933 Registered Memory Kit	R4C27A
6x 64GB RDIMMs	HPE SimpliVity 384GB (6x64GB) DDR4-2933 Registered Memory Kit	R4C28A
8x 64GB RDIMMs	HPE SimpliVity 512GB (8x64GB) DDR4-2933 Registered Memory Kit	R4C24A
6x 128GB LRDIMMs	HPE SimpliVity 768GB (6x128GB) DDR4-2933 Load Reduced Memory Kit	R4C30A
12x 64GB RDIMMs	HPE SimpliVity 768GB (12x64GB) DDR4-2933 Registered Memory Kit	R4C29A
12x 128GB LRDIMMs	HPE SimpliVity 1.5TB (12x128GB) DDR4-2933 Load Reduced Memory Kit	R4C25A

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

Boot Device/Boot RAID Controllers

Description	SKU
HPE Smart Array E208i-p SR Gen10 (8 Internal Lanes/No Cache) 12G SAS PCIe Plug-in Controller	804394-B21
HPE NS204i-p x2 Lanes NVMe PCIe3 x8 OS Boot Device	P12965-B21

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

Description	SKU
HPE 300GB SAS 12G Mission Critical 10K SFF SC 3-year Warranty Multi Vendor HDD	872475-K21
HPE 480GB SATA 6G Read Intensive SFF BC PM893 SSD	P44007-K21

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

Networking

Action: A 10GbE FlexLOM is required. This is in addition to the standard 4 port 1GbE LOM included in the base node.

Remarks	Description	SKU
	HPE FlexFabric 10Gb 2-port FLR-SFP+ 57810S Adapter	700751-B21
	HPE FlexFabric 10Gb 2-port FLR-T 57810S Adapter	700759-B21
	HPE Ethernet 10/25Gb 2-port FLR-SFP28 MCX4121A-ACFT Adapter	817749-B21
	HPE FlexFabric 10Gb 4-port FLR-T 57840S Adapter	764302-B21

PCI Adapter

Configuration Information

Action: Additional PCI Adapters can be added in the case of dual socket with secondary riser.

System Max.	Description	SKU
3	HPE Ethernet 1Gb 4-port BASE-T BCM5719 Adapter	647594-B21
3	HPE Ethernet 10Gb 2-port SFP+ 57810S Adapter	652503-B21
3	HPE Ethernet 10Gb 2-port BASE-T 57810S Adapter	656596-B21
3	HPE Ethernet 1Gb 4-port BASE-T I350-T4V2 Adapter	811546-B21
3	HPE Ethernet 10/25Gb 2-port SFP28 MCX4121A-ACUT Adapter	817753-B21

Power Supplies
Action: Two power supplies are required.

Remarks	Description	SKU
	HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	865414-B21
	HPE 800W Flex Slot Universal Hot Plug Low Halogen Power Supply Kit	865428-B21
	HPE 800W Flex Slot -48VDC Hot Plug Low Halogen Power Supply Kit	865434-B21
	HPE 800W Flex Slot Titanium Hot Plug Low Halogen Power Supply Kit	865438-B21
	HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	830272-B21

Notes:

The power supply requirement 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://www.hpe.com/us/en/pdfViewer.html?resource=/content/hpe/country/us/en/resources/integrated-systems/reference-guide/power-cords-and-cables**

Optional Fibre Channel HBA cards
Action: Optional FC HBAs may be added if slots are available

System Max.	Description	SKU
3	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	P9D94A
3	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	P9M76A

Optional GPUs
Action: Optional Graphic Accelerator (1) may be added in the case of dual CPU with secondary riser.

System Max.	Description	SKU
2	NVIDIA T4 16GB Computational Accelerator for HPE	R0W29A
1	NVIDIA A16 64GB PCIe Non-CEC Accelerator for HPE	R8T26C
1	NVIDIA A40 48GB PCIe Non-CEC Accelerator for HPE	R9S37C

QuickSpecs

Configuration Information

Power Cord Options

Action: Additional hardware options are available

Remarks	Description	SKU
	HPE C13 - GB-1002 CN 250V 10Amp 1.83m Power Cord	AF557A
	HPE C13 - KSC- 8305 KR 250V 10Amp 1.83m Power Cord	AF560A
	HPE C13 - CNS-690 TW 110V 13Amp 1.83m Power Cord	AF561A
	HPE C13 - IS-1293 IN 240V 6Amp LV 2.0m Power Cord	AF562A
	HPE SAFDGRID-SAFDGRID 277V 15Amp DC 2.0m Jumper Cord	J6X00A
	HPE 48VDC 2.85m Power Cable	Q0H80A
	HPE C13 - Nema 5-15P US/CA 110V 10Amp 1.83m Power Cord	AF556A
	HPE C13 - IRAM -2073 AR 250V 10A 2.5m Power Cord	AF558A
	HPE C13 - Nema 5-15P TH/PH 250V 10Amp 1.83m Power Cord	AF559A
	HPE C13 - SEV 1011 CH 250V 10Amp 1.83m Power Cord	AF565A
	HPE C13 - DK-2.5A DK 250V 10Amp 1.83m Power Cord	AF566A
	HPE C13 - CEE-VII EU 250V 10Amp 1.83m Power Cord	AF568A
	HPE C13 - AS3112-3 AU 250V 10Amp 2.5m Power Cord	AF569A
	HPE C13 - SI-32 IL 250V 10Amp 1.83m Power Cord	AF564A
	HPE C13 - JIS C8303 JP 100V 12Amp 2.0m Power Cord	AF572A
	HPE C13 - BS-1363A UK/HK/SG 250V 10Amp 1.83m Power Cord	AF570A

Notes:

Network cables and transceivers are available in the Aruba and DataCenter Networking menus.
Information on interoperability between network adapters, transceivers, and cables is available in network
adapter QuickSpecs.
For more information on HPE rack enclosures, review the QuickSpecs at:
https://www.hpe.com/us/en/product-catalog/servers/server-racks.hits-12.html.

Additional Server Options

Action: Additional hardware options are available

Remarks	Description	SKU
	HPE DL380 Gen10 SFF Systems Insight Display Kit	826703-B21
	HPE DL3XX Gen10 Rear Serial Cable and Enablement Kit	873770-B21
	HPE 2U Small Form Factor Ball Bearing Rail Kit	720863-B21
Remarks	Description	SKU
	HPE 2U Cable Management Arm for Ball Bearing Rail Kit	720865-B21
	HPE 2U Small Form Factor Easy Install Rail Kit	733660-B21

Storage

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

Action:

- Select the quantity of SSDs for the node
- The appropriate OmniStack software will be included by the configurator

Configuration Information

Models	Description	SKU
	Read Intensive	
XS (5x 960Gb)	HPE SimpliVity 960GB SATA 6G Read Intensive SFF SC Multi Vendor SSD	S1J83A
S (5x 1.92TB)	HPE SimpliVity 1.92TB SATA 6G Read Intensive SFF SC Multi Vendor SSD	S1J84A
M (9x 1.92TB)	HPE SimpliVity 1.92TB SATA 6G Read Intensive SFF SC Multi Vendor SSD	S1J84A
L (12x 1.92TB)	HPE SimpliVity 1.92TB SATA 6G Read Intensive SFF SC Multi Vendor SSD	S1J84A
XL (12x 3.84TB)	HPE SimpliVity 3.84TB SATA 6G Read Intensive SFF SC Multi Vendor SSD	S1J85A
	Mixed Use	
S (5x 1.92TB)	HPE SimpliVity 1.92TB SATA 6G Mixed Use SFF SC Multi Vendor SSD	S1J92A
M (9x 1.92TB)	HPE SimpliVity 1.92TB SATA 6G Mixed Use SFF SC Multi Vendor SSD	S1J92A
L (12x 1.92TB)	HPE SimpliVity 1.92TB SATA 6G Mixed Use SFF SC Multi Vendor SSD	S1J92A

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

Software
HPE OmniStack Software
Action:

- Based on the hardware configurations selected, the appropriate software will be included by the configurator.
- The software is determined by CPU and storage configuration and is required.

Remarks	Description	SKU
	HPE OmniStack 1P Extra Small SW	Q8A57A
	HPE OmniStack 2P Extra Small SW	Q8A58A
	HPE OmniStack 1P Small SW	Q8A59A
	HPE OmniStack 2P Small SW	Q8A60A
	HPE OmniStack 1P Medium SW	Q8A61A
	HPE OmniStack 2P Medium SW	Q8A62A
	HPE OmniStack 1P Large SW	Q8A63A
	HPE OmniStack 2P Large SW	Q8A64A
	HPE OmniStack 1P Extra Large SW	Q9J86A
	HPE OmniStack 2P Extra Large SW	Q9J87A

HPE Integrated Lights Out Advanced Software (iLO Advanced)
Action: The HPE iLO Advanced license is required

Remarks	Description	SKU
	HPE iLO Advanced 1-server License with 3yr Support on iLO Licensed Features	BD505A

VMware Software
Action:

- A valid VMware vSphere license is required for each CPU to complete deployment.
- If an order is placed without VMware licenses, the user agrees to supply the necessary license.

vSphere

Remarks	Description	SKU
	VMware vSphere Standard 1 Processor 3yr E-LTU	BD711AAE
	VMware vSphere Enterprise Plus 1 Processor 3yr Software	BD715A
	VMware vSphere Enterprise Plus 1 Processor 3yr E-LTU	BD715AAE

Configuration Information

	VMware vSphere Remote Office Branch Office Standard 25VM 3yr E-LTU	P9A82AAE
	VMware vSphere Remote Office Branch Office Advanced 25VM 3yr E-LTU	P9A85AAE
	VMware vSphere Standard 1 Processor 5yr Software	BD512A
	VMware vSphere Standard 1 Processor 5yr E-LTU	BD512AAE
	VMware vSphere Enterprise Plus 1 Processor 5yr Software	BD514A
	VMware vSphere Enterprise Plus 1 Processor 5yr E-LTU	BD514AAE

Notes:

The HPE SimpliVity 380 supports VMware vSphere 7.0

For VMware and HW compatibility, please see the interoperability guide
HPE SimpliVity OmniStack Interoperability Guide or **HPE Support Center portal**

HPE SimpliVity 380 Gen10 for VMware vSphere requires valid VMware vSphere, and vCenter licenses. VMware licenses can only be removed from the order if it is confirmed that the end-customer has a valid license in place (Enterprise License Agreement (ELA), vCloud Air Partner or unused Enterprise Purchasing Program tokens).

Purchasing VMware licenses from Hewlett Packard Enterprise allows Hewlett Packard Enterprise to be the single point of contact for the entire solution inclusive of the virtualization software and is recommended. When the VMware license is not included on the order the solution level support experience is impacted.

vCenter

Optional vCenter License

Remarks	Description	SKU
	VMware vCenter Server Standard for vSphere (per Instance) 3yr E-LTU	P9U41AAE
	VMware vCenter Server Standard for vSphere (per Instance) 5yr E-LTU	P9U42AAE

Notes:

The HPE SimpliVity 380 supports VMware vCenter 7.0

For VMware and HW compatibility, please see the **https://www.hpe.com/info/simplivity-interop-doc** or **HPE Support Center portal**

The customer is responsible for ensuring licensing compliance on all running virtual machines. Licenses may be added to the order as standalone items from the catalog. Licenses added at the node level will be cloned with the node.

Information on available licenses for non-preinstalled Operating Systems can be found on the relevant product pages:

o Microsoft Windows Server 2016:
https://www.hpe.com/us/en/product-catalog/detail/pip.microsoft-windows-server-2016.1009480090.html

o Red Hat Enterprise Linux: **https://www.hpe.com/us/en/product-catalog/detail/pip.5393115.html**

o SUSE Linux Enterprise Server: **https://www.hpe.com/us/en/product-catalog/detail/pip.5379857.html**

Configuration Information

HPE SimpliVity 380 Gen10 G: Overview for New System

Use the following steps to order a new SimpliVity 380 Gen10 system:

Step 1: Begin with the base node

Step 2: Select the hardware options to add to the base node: processors, memory, storage, networking, power, other optional HW

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

Step 4: Select service and support.

Step 1: Begin with the base node

Base Node
Action:

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

Remarks	Description	SKU
	HPE SimpliVity 380 Gen10 G Node	R2G96A
	HPE SimpliVity 380 Gen10 NC G Node	R6A82A
	HPE SimpliVity 380 Gen10 Node with VMware Tracking	R2G97A

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

Processors
2nd Generation Intel® Xeon® Scalable Processors

Action:

- Select CPUs for the node
- In the case of Single CPU only L21 SKU will be included by the configurator.
- In the case of dual CPU: both the L21 and the B21 SKU will be included by the configurator

Primary

Remarks	Description	SKU
8C 2.1GHz 85W	Intel Xeon-Silver 4208 (2.1GHz/8-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02491-L21
10C 2.2GHz 85W	Intel Xeon-Silver 4210 (2.2GHz/10-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02492-L21
12C 2.2GHz 85W	Intel Xeon-Silver 4214 (2.2GHz/12-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02493-L21
16C 2.1GHz 100W	Intel Xeon-Silver 4216 (2.1GHz/16-core/100W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02495-L21
10C 2.5GHz 85W	Intel Xeon-Gold 5215 (2.5GHz/10-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02496-L21
8C 3.0GHz 125W	Intel Xeon-Gold 5217 (3.0GHz/8-core/115W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02497-L21
16C 2.3GHz 125W	Intel Xeon-Gold 5218 (2.3GHz/16-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02498-L21

Configuration Information

Remarks	Description	SKU
18C 2.2GHz 125W	Intel Xeon-Gold 5220 (2.2GHz/18-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02499-L21
12C 2.7GHz 125W	Intel Xeon-Gold 6226 (2.7GHz/12-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02501-L21
20C 2.1GHz 125W	Intel Xeon-Gold 6230 (2.1GHz/20-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02502-L21
8C 3.3GHz 130W	Intel Xeon-Gold 6234 (3.3GHz/8-core/130W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02503-L21
22C 2.1GHz 140W	Intel Xeon-Gold 6238 (2.1GHz/22-core/140W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02504-L21
18C 2.6GHz 150W	Intel Xeon-Gold 6240 (2.6GHz/18-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02509-L21
16C 2.8GHz 150W	Intel Xeon-Gold 6242 (2.8GHz/16-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02510-L21

Remarks	Description	SKU
8C 3.7GHz 150W	Intel Xeon-Gold 6244 (3.6GHz/8-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02512-L21
20C 2.5GHz 150W	Intel Xeon-Gold 6248 (2.5GHz/20-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02514-L21
24C 2.1GHz 150W	Intel Xeon-Gold 6252 (2.1GHz/24-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02516-L21
18C 3.1GHz 200W	Intel Xeon-Gold 6254 (3.1GHz/18-core/200W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02517-L21
24C 2.4GHz 165W	Intel Xeon-Platinum 8260 (2.4GHz/24-core/165W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02521-L21
24C 2.9GHz 205W	Intel Xeon-Platinum 8268 (2.9GHz/24-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02524-L21
28C 2.2GHz 165W	Intel Xeon-Platinum 8276 (2.2GHz/28-core/165W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02526-L21
28C 2.7GHz 205W	Intel Xeon-Platinum 8280 (2.7GHz/28-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02527-L21
12C 3.3GHz 165W	Intel Xeon-Gold 6246 (3.3GHz/12-core/165W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P15758-L21
8C 1.9GHz 85W	Intel Xeon-Bronze 3206R (1.9GHz/8-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P23547-L21
10C 2.4GHz 100W	Intel Xeon-Silver 4214R (2.4GHz/12-core/100W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P23550-L21
12C 2.4GHz 100W	Intel Xeon-Silver 4214R (2.4GHz/12-core/100W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P23550-L21
8C 3.2GHz 130W	Intel Xeon-Silver 4215R (3.2GHz/8-core/130W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24465-L21
20C 2.1GHz 125W	Intel Xeon-Gold 5218R (2.1GHz/20-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24466-L21
24C 2.2GHz 150W	Intel Xeon-Gold 5220R (2.2GHz/24-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P23553-L21
16C 2.9GHz 150W	Intel Xeon-Gold 6226R (2.9GHz/16-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24467-L21
26C 2.1GHz 150W	Intel Xeon-Gold 6230R (2.1GHz/26-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24468-L21
28C 2.2GHz 165W	Intel Xeon-Gold 6238R (2.2GHz/28-core/165W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24469-L21
24C 2.4GHz 165W	Intel Xeon-Gold 6240R (2.4GHz/24-core/165W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24470-L21
20C 3.1GHz 205W	Intel Xeon-Gold 6242R (3.1GHz/20-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24471-L21
16C 3.4GHz 205W	Intel Xeon-Gold 6246R (3.4GHz/16-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24472-L21
24C 3.0GHz 205W	Intel Xeon-Gold 6248R (3.0GHz/24-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24473-L21

Configuration Information

28C 2.7GHz 205W	Intel Xeon-Gold 6258R (2.7GHz/28-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24474-L21

Secondary Remarks	**Description**	
8C 2.1GHz 85W	Intel Xeon-Silver 4208 (2.1GHz/8-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P02
10C 2.2GHz 85W	Intel Xeon-Silver 4210 (2.2GHz/10-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P02
12C 2.2GHz 85W	Intel Xeon-Silver 4214 (2.2GHz/12-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P02
16C 2.1GHz 100W	Intel Xeon-Silver 4216 (2.1GHz/16-core/100W) Processor Kit for HPE ProLiant DL380 Gen10	P02
10C 2.5GHz 85W	Intel Xeon-Gold 5215 (2.5GHz/10-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P02
8C 3.0GHz 125W	Intel Xeon-Gold 5217 (3.0GHz/8-core/115W) Processor Kit for HPE ProLiant DL380 Gen10	P02
16C 2.3GHz 125W	Intel Xeon-Gold 5218 (2.3GHz/16-core/125W) Processor Kit for HPE ProLiant DL380 Gen10	P02
18C 2.2GHz 125W	Intel Xeon-Gold 5220 (2.2GHz/18-core/125W) Processor Kit for HPE ProLiant DL380 Gen10	P02
12C 2.7GHz 125W	Intel Xeon-Gold 6226 (2.7GHz/12-core/125W) Processor Kit for HPE ProLiant DL380 Gen10	P02
20C 2.1GHz 125W	Intel Xeon-Gold 6230 (2.1GHz/20-core/125W) Processor Kit for HPE ProLiant DL380 Gen10	P02
8C 3.3GHz 130W	Intel Xeon-Gold 6234 (3.3GHz/8-core/130W) Processor Kit for HPE ProLiant DL380 Gen10	P02
22C 2.1GHz 140W	Intel Xeon-Gold 6238 (2.1GHz/22-core/140W) Processor Kit for HPE ProLiant DL380 Gen10	P02
18C 2.6GHz 150W	Intel Xeon-Gold 6240 (2.6GHz/18-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P02
16C 2.8GHz 150W	Intel Xeon-Gold 6242 (2.8GHz/16-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P02
8C 3.7GHz 150W	Intel Xeon-Gold 6244 (3.6GHz/8-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P02
20C 2.5GHz 150W	Intel Xeon-Gold 6248 (2.5GHz/20-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P02
24C 2.1GHz 150W	Intel Xeon-Gold 6252 (2.1GHz/24-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P02
18C 3.1GHz 200W	Intel Xeon-Gold 6254 (3.1GHz/18-core/200W) Processor Kit for HPE ProLiant DL380 Gen10	P02
24C 2.4GHz 165W	Intel Xeon-Platinum 8260 (2.4GHz/24-core/165W) Processor Kit for HPE ProLiant DL380 Gen10	P02
24C 2.9GHz 205W	Intel Xeon-Platinum 8268 (2.9GHz/24-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P02
28C 2.2GHz 165W	Intel Xeon-Platinum 8276 (2.2GHz/28-core/165W) Processor Kit for HPE ProLiant DL380 Gen10	P02
28C 2.7GHz 205W	Intel Xeon-Platinum 8280 (2.7GHz/28-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P02
12C 3.3GHz 165W	Intel Xeon-Gold 6246 (3.3GHz/12-core/165W) Processor Kit for HPE ProLiant DL380 Gen10	P15
8C 1.9GHz 85W	Intel Xeon-Bronze 3206R (1.9GHz/8-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P23
10C 2.4GHz 100W	Intel Xeon-Silver 4210R (2.4GHz/10-core/100W) Processor Kit for HPE ProLiant DL380 Gen10	P23549-B21
12C 2.4GHz 100W	Intel Xeon-Silver 4214R (2.4GHz/12-core/100W) Processor Kit for HPE ProLiant DL380 Gen10	P23550-B21

Remarks	**Description**

Configuration Information

8C 3.2GHz 130W	Intel Xeon-Silver 4215R (3.2GHz/8-core/130W) Processor Kit for HPE ProLiant DL380 Gen10	P24465-B21
20C 2.1GHz 125W	Intel Xeon-Gold 5218R (2.1GHz/20-core/125W) Processor Kit for HPE ProLiant DL380 Gen10	P24466-B21
24C 2.2GHz 150W	Intel Xeon-Gold 5220R (2.2GHz/24-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P23553-B21
16C 2.9GHz 150W	Intel Xeon-Gold 6226R (2.9GHz/16-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P24467-B21
26C 2.1GHz 150W	Intel Xeon-Gold 6230R (2.1GHz/26-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P24468-B21
28C 2.2GHz 165W	Intel Xeon-Gold 6238R (2.2GHz/28-core/165W) Processor Kit for HPE ProLiant DL380 Gen10	P24469-B21
24C 2.4GHz 165W	Intel Xeon-Gold 6240R (2.4GHz/24-core/165W) Processor Kit for HPE ProLiant DL380 Gen10	P24470-B21
20C 3.1GHz 205W	Intel Xeon-Gold 6242R (3.1GHz/20-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P24471-B21
16C 3.4GHz 205W	Intel Xeon-Gold 6246R (3.4GHz/16-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P24472-B21
24C 3.0GHz 205W	Intel Xeon-Gold 6248R (3.0GHz/24-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P24473-B21
28C 2.7GHz 205W	Intel Xeon-Gold 6258R (2.7GHz/28-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P24474-B21

Notes: Network Choice (NC) server models must be selected for 2nd Generation Intel Xeon® Scalable "Refresh" (R) Processors for the SimpliVity 380 G and 380 H Models

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

DDR4-2933

Remarks	Description
8x P00920-K21	HPE SimpliVity 128GB (8x16GB) DDR4-2933 Registered Memory Kit
6x P00918-K21, 6xP00920-K21	HPE SimpliVity 144G(6x8/6x16) RDIMM Kit
12x P00920-K21	HPE SimpliVity 192GB (12x16GB) DDR4-2933 Registered Memory Kit
6x P00924-K21	HPE SimpliVity 192GB (6x32GB) DDR4-2933 Registered Memory Kit
6x P00924-K21, 6x P00918-K21	HPE SimpliVity 240GB (6x32GB/6x8GB) DDR4-2933 Registered Memory Kit
4x P00930-K21	HPE SimpliVity 256GB (4x64GB) DDR4-2933 Registered Memory Kit
8x P00924-K21	HPE SimpliVity 256GB (8x32GB) DDR4-2933 Registered Memory Kit
6x P00924-K21, 6x P00922-K21	HPE SimpliVity 288GB (6x32GB/6x16GB) DDR4-2933 Registered Memory Kit
12x P00924-K21	HPE SimpliVity 384GB (12x32GB) DDR4-2933 Registered Memory Kit
6x P00930-K21	HPE SimpliVity 384GB (6x64GB) DDR4-2933 Registered Memory Kit
8x P00930-K21	HPE SimpliVity 512GB (8x64GB) DDR4-2933 Registered Memory Kit
6x P11040-K21	HPE SimpliVity 768GB (6x128GB) DDR4-2933 Load Reduced Memory Kit
12x P00930-K21	HPE SimpliVity 768GB (12x64GB) DDR4-2933 Registered Memory Kit
12x P11040-K21	HPE SimpliVity 1.5TB (12x128GB) DDR4-2933 Load Reduced Memory Kit

Notes:

- For more information go to: **http://www.hpe.com/docs/memory-population-rules**
- DDR4-2933 Memory Kits are only supported with 2nd Generation Intel Xeon Scalable Series Processors and DDR4-2666 Memory Kits are only supported with 1st Generation Intel Xeon Scalable Series Processors

Boot Device/Boot RAID Controllers

Configuration Information

Description

HPE Smart Array E208i-p SR Gen10 (8 Internal Lanes/No Cache) 12G SAS PCIe Plug-in Controller — 804

HPE NS204i-p x2 Lanes NVMe PCIe3 x8 OS Boot Device — P12

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

Description

HPE SimpliVity 300GB SAS SFF SC Multi Vendor HDD

HPE SimpliVity 480GB SATA 6G Read Intensive SFF SC Multi Vendor SSD

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

Networking

Action: One FlexLOM is required. This is in addition to the standard 4 port 1GbE LOM included in the base node

System Max	Description	
1	HPE Ethernet 1Gb 4-port FLR-T BCM5719 Adapter	629
1	HPE Ethernet 1Gb 4-port FLR-T I350-T4V2 Adapter	665

System Max	Description	
1	HPE FlexFabric 10Gb 2-port FLR-T 57810S Adapter	7007
1	HPE FlexFabric 10Gb 2-port FLR-SFP+ 57810S Adapter	7007
1	HPE FlexFabric 10Gb 4-port FLR-T 57840S Adapter	7643
1	HPE Ethernet 10/25Gb 2-port FLR-SFP28 BCM57414 Adapter	8177
1	HPE Ethernet 10/25Gb 2-port FLR-SFP28 MCX4121A-ACFT Adapter	8177

PCIe Adapter

Action: Optional PCIe Adapters can be added if slots are available. Additional PCIe slots are available in the case of CPU with secondary riser

System Max	Description	
5	HPE Ethernet 1Gb 4-port BASE-T BCM5719 Adapter	647
5	HPE Ethernet 1Gb 4-port BASE-T I350-T4V2 Adapter	811
5	HPE Ethernet 10Gb 2-port SFP+ 57810S Adapter	652
5	HPE Ethernet 10Gb 2-port BASE-T 57810S Adapter	656
5	HPE Ethernet 10/25Gb 2-port SFP28 QL41401-A2G Adapter	867
5	HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 Adapter	817
5	HPE Ethernet 10/25Gb 2-port SFP28 MCX4121A-ACUT Adapter	817

Power Supplies

Action: Two power supplies are required.

Remarks	Description	
	HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	865
	HPE 800W Flex Slot Universal Hot Plug Low Halogen Power Supply Kit	865
	HPE 800W Flex Slot -48VDC Hot Plug Low Halogen Power Supply Kit	865
	HPE 800W Flex Slot Titanium Hot Plug Low Halogen Power Supply Kit	865
	HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	830

Notes:

– The power supply requirement can vary based on configuration and environment. 800W Power Supply is only supp 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 inc with each standard AC power supply option kit. If a different power cord is required, please check the ProLiant Po Cables web page. **https://h20195.www2.hpe.com/v2/getpdf.aspx/4AA6-6836ENW.pdf**

Configuration Information

Optional Fibre Channel HBA cards
Action: Optional FC HBAs may be added if slots are available

System Max	Description
5	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter
5	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter

Notes:

Additional network cables and transceivers are available in the Aruba and DataCenter Networking menus.

Information on interoperability between network adapters, transceivers, and cables is available in network adapter QuickSpecs.

Optional GPUs
Action: Optional Graphic Accelerator (2) may be added in the case of dual CPU with secondary riser

System Max	Description	
2	NVIDIA T4 16GB Computational Accelerator for HPE	
1	NVIDIA A16 64GB PCIe Non-CEC Accelerator for HPE	
1	NVIDIA A40 48GB PCIe Non-CEC Accelerator for HPE	

Additional Server Options
Action: Additional hardware options are available.

Remarks	Description	
	HPE DL380 Gen10 SFF Systems Insight Display Kit	826
	HPE DL3XX Gen10 Rear Serial Cable and Enablement Kit	873
	HPE 2U Small Form Factor Ball Bearing Rail Kit	720
	HPE 2U Cable Management Arm for Ball Bearing Rail Kit	720
	HPE 2U Small Form Factor Easy Install Rail Kit	733

Storage
Action:

- Select one storage kit for the node
- Choose either read intensive or mixed-use drive configuration
- The appropriate OmniStack software will be included by the configurator
- Only the Read Intensive SSD drives are supported with the 24x SSD Kits
- Only the Read Intensive SSD drives are supported with the 9x, 18x and 24x SSD Kits

Read Intensive

- Qty 6 of S1J84A (6x1.92TB) is required for HPE SimpliVity 380 G 6x SSD
- Qty 8 of S1J84A (8x1.92TB) is required for HPE SimpliVity 380 G 8x SSD
- Qty 9 of S1J84A (9x1.92TB) is required for HPE SimpliVity 380 G 9x SSD
- Qty 12 of S1J84A (12x1.92TB) is required for HPE SimpliVity 380 G 12x SSD
- Qty 16 of S1J84A (16x1.92TB) is required for HPE SimpliVity 380 G 16x SSD
- Qty 18 of S1J84A (18x1.92TB) is required for HPE SimpliVity 380 G 18x SSD
- Qty 24 of S1J84A (24x1.92TB) is required for HPE SimpliVity 380 G 24x SSD

Mixed Use (Not available on the 380 G 9x, 18x or 24x SSD Kits)

- Qty 6 of S1J92A (6x1.92TB) is required for HPE SimpliVity 380 G 6x SSD
- Qty 8 of S1J92A (8x1.92TB) is required for HPE SimpliVity 380 G 8x SSD
- Qty 12 of S1J92A (12x1.92TB) is required for HPE SimpliVity 380 G 12x SSD
- Qty 16 of S1J92A (16x1.92TB) is required for HPE SimpliVity 380 G 16x SSD

Configuration Information

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

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

- Capacity option selection:

    - For 380 x6 SSD 7.5TB capacity option is selected

    - For 380 x8 SSD and x9 SSD 10TB capacity option is selected

    - For 380 x12 SSD 15TB capacity option is selected

    - For 380 x16 SSD and x18 SSD 21TB capacity option is selected

    - For 380 x24 SSD 30TB capacity option is selected

Remarks	Description
	HPE SimpliVity 380 G 1 Processor 7.5TB Software
	HPE SimpliVity 380 G 2 Processors 7.5TB Software
	HPE SimpliVity 380 1 Processor 10TB Software
	HPE SimpliVity 380 2 Processors 10TB Software
	HPE SimpliVity 380 G 1 Processor 15TB Software
	HPE SimpliVity 380 G 2 Processors 15TB Software
	HPE SimpliVity 380 G 1 Processor 21TB Software
	HPE SimpliVity 380 G 2 Processors 21TB Software
	HPE SimpliVity 380 G 1 Processor 30TB Software
	HPE SimpliVity 380 G 2 Processors 30TB Software

VMware Software
Action:

- A valid VMware vSphere license is required for each CPU to complete deployment.
- If an order is placed without VMware licenses, the user agrees to supply the necessary license.

vSphere

Remarks	Description	
	VMware vSphere Remote Office Branch Office Standard 25VM 3yr E-LTU	P9
	VMware vSphere Remote Office Branch Office Standard 25VM 5yr E-LTU	P9
	VMware vSphere Remote Office Branch Office Advanced 25VM 3yr E-LTU	P9
	VMware vSphere Remote Office Branch Office Advanced 25VM 5yr E-LTU	P9

Remarks	Description	
	VMware vSphere Standard 1 Processor 3yr Software	
	VMware vSphere Standard 1 Processor 3yr E-LTU	BD
	VMware vSphere Enterprise Plus 1 Processor 3yr Software	
	VMware vSphere Enterprise Plus 1 Processor 3yr E-LTU	BD
	VMware vSphere Standard 1 Processor 5yr Software	
	VMware vSphere Standard 1 Processor 5yr E-LTU	BD
	VMware vSphere Enterprise Plus 1 Processor 5yr Software	
	VMware vSphere Enterprise Plus 1 Processor 5yr E-LTU	BD

Notes:

- HPE SimpliVity 380 Gen10 for VMware vSphere requires valid VMware vSphere and vCenter licenses. VMware lice can only be removed from the order if it is confirmed that the end-customer has valid licenses in place (Enterpris License Agreement (ELA), vCloud Air Partner or unused Enterprise Purchasing Program tokens).
- Purchasing VMware licenses from Hewlett Packard Enterprise allows Hewlett Packard Enterprise to be the single p of contact for the entire solution inclusive of the virtualization software and is recommended. When the VMware license is not included on the order the solution level support experience is impacted.

Configuration Information

HPE Integrated Lights Out Advanced Software (iLO Advanced)

Action: The HPE iLO Advanced license is required

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

E6

HPE SimpliVity 380 Gen10 H: Overview for New System

Use the following steps to order a new SimpliVity 380 Gen10 system:

Step 1: Begin with the base node

Step 2: Select the hardware options to add to the base node: processors, memory, storage, networking, power, othe optional HW

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

Step 4: Select service and support

Step 1: Begin with the base node

Base Node
Action:

- Select the base node
- VMware tracking SKU added automatically

Remarks	Description	
	HPE SimpliVity 380 Gen10 SFF H Node	F
	HPE SimpliVity 380 Gen10 SFF NC H Node	I
	HPE SimpliVity 380 Gen10 Node with VMware Tracking	F

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

Processors
1st Generation Intel® Xeon® Scalable Processors

Action:

- Select CPUs for the node
- In the case of Single CPU only L21 SKU will be included by the configurator.
- In the case of dual CPU: both the L21 and the B21 SKU will be included by the configurator

2nd Generation Intel® Xeon® Scalable Processors

Action:

- Select CPUs for the node
- In the case of Single CPU only L21 SKU will be included by the configurator.
- In the case of dual CPU: both the L21 and the B21 SKU will be included by the configurator

Primary

QuickSpecs

Configuration Information

Remarks	Description	
8C 2.1GHz 85W	Intel Xeon-Silver 4208 (2.1GHz/8-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02
10C 2.2GHz 85W	Intel Xeon-Silver 4210 (2.2GHz/10-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02
12C 2.2GHz 85W	Intel Xeon-Silver 4214 (2.2GHz/12-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02
16C 2.1GHz 100W	Intel Xeon-Silver 4216 (2.1GHz/16-core/100W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02
10C 2.5GHz 85W	Intel Xeon-Gold 5215 (2.5GHz/10-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02
8C 3.0GHz 125W	Intel Xeon-Gold 5217 (3.0GHz/8-core/115W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02
16C 2.3GHz 125W	Intel Xeon-Gold 5218 (2.3GHz/16-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02
18C 2.2GHz 125W	Intel Xeon-Gold 5220 (2.2GHz/18-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02
12C 2.7GHz 125W	Intel Xeon-Gold 6226 (2.7GHz/12-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02
20C 2.1GHz 125W	Intel Xeon-Gold 6230 (2.1GHz/20-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02
8C 3.3GHz 130W	Intel Xeon-Gold 6234 (3.3GHz/8-core/130W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P025
22C 2.1GHz 140W	Intel Xeon-Gold 6238 (2.1GHz/22-core/140W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P025
18C 2.6GHz 150W	Intel Xeon-Gold 6240 (2.6GHz/18-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P025
16C 2.8GHz 150W	Intel Xeon-Gold 6242 (2.8GHz/16-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P025
8C 3.7GHz 150W	Intel Xeon-Gold 6244 (3.6GHz/8-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P025
20C 2.5GHz 150W	Intel Xeon-Gold 6248 (2.5GHz/20-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P025
24C 2.1GHz 150W	Intel Xeon-Gold 6252 (2.1GHz/24-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P025
18C 3.1GHz 200W	Intel Xeon-Gold 6254 (3.1GHz/18-core/200W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P025
24C 2.4GHz 165W	Intel Xeon-Platinum 8260 (2.4GHz/24-core/165W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P025
24C 2.9GHz 205W	Intel Xeon-Platinum 8268 (2.9GHz/24-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P025
28C 2.2GHz 165W	Intel Xeon-Platinum 8276 (2.2GHz/28-core/165W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P025
28C 2.7GHz 205W	Intel Xeon-Platinum 8280 (2.7GHz/28-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P025
12C 3.3GHz 165W	Intel Xeon-Gold 6246 (3.3GHz/12-core/165W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P157
8C 1.9GHz 85W	Intel Xeon-Bronze 3206R (1.9GHz/8-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P23

Configuration Information

10C 2.4GHz 100W	Intel Xeon-Silver 4214R (2.4GHz/12-core/100W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P23
12C 2.4GHz 100W	Intel Xeon-Silver 4214R (2.4GHz/12-core/100W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P23
8C 3.2GHz 130W	Intel Xeon-Silver 4215R (3.2GHz/8-core/130W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24
20C 2.1GHz 125W	Intel Xeon-Gold 5218R (2.1GHz/20-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24
24C 2.2GHz 150W	Intel Xeon-Gold 5220R (2.2GHz/24-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P23
16C 2.9GHz 150W	Intel Xeon-Gold 6226R (2.9GHz/16-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24
26C 2.1GHz 150W	Intel Xeon-Gold 6230R (2.1GHz/26-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24
28C 2.2GHz 165W	Intel Xeon-Gold 6238R (2.2GHz/28-core/165W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24
24C 2.4GHz 165W	Intel Xeon-Gold 6240R (2.4GHz/24-core/165W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24
20C 3.1GHz 205W	Intel Xeon-Gold 6242R (3.1GHz/20-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24
16C 3.4GHz 205W	Intel Xeon-Gold 6246R (3.4GHz/16-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24
24C 3.0GHz 205W	Intel Xeon-Gold 6248R (3.0GHz/24-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24
28C 2.7GHz 205W	Intel Xeon-Gold 6258R (2.7GHz/28-core/205W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P24

Secondary Remarks	**Description**	
8C 2.1GHz 85W	Intel Xeon-Silver 4208 (2.1GHz/8-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P02
10C 2.2GHz 85W	Intel Xeon-Silver 4210 (2.2GHz/10-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P02
12C 2.2GHz 85W	Intel Xeon-Silver 4214 (2.2GHz/12-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P02
16C 2.1GHz 100W	Intel Xeon-Silver 4216 (2.1GHz/16-core/100W) Processor Kit for HPE ProLiant DL380 Gen10	P02
10C 2.5GHz 85W	Intel Xeon-Gold 5215 (2.5GHz/10-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P02
8C 3.0GHz 125W	Intel Xeon-Gold 5217 (3.0GHz/8-core/115W) Processor Kit for HPE ProLiant DL380 Gen10	P02
16C 2.3GHz 125W	Intel Xeon-Gold 5218 (2.3GHz/16-core/125W) Processor Kit for HPE ProLiant DL380 Gen10	P02
18C 2.2GHz 125W	Intel Xeon-Gold 5220 (2.2GHz/18-core/125W) Processor Kit for HPE ProLiant DL380 Gen10	P02
12C 2.7GHz 125W	Intel Xeon-Gold 6226 (2.7GHz/12-core/125W) Processor Kit for HPE ProLiant DL380 Gen10	P02
20C 2.1GHz 125W	Intel Xeon-Gold 6230 (2.1GHz/20-core/125W) Processor Kit for HPE ProLiant DL380 Gen10	P02
8C 3.3GHz 130W	Intel Xeon-Gold 6234 (3.3GHz/8-core/130W) Processor Kit for HPE ProLiant DL380 Gen10	P02
22C 2.1GHz 140W	Intel Xeon-Gold 6238 (2.1GHz/22-core/140W) Processor Kit for HPE ProLiant DL380 Gen10	P02
18C 2.6GHz 150W	Intel Xeon-Gold 6240 (2.6GHz/18-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P02
16C 2.8GHz 150W	Intel Xeon-Gold 6242 (2.8GHz/16-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P02
8C 3.7GHz 150W	Intel Xeon-Gold 6244 (3.6GHz/8-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P02

Configuration Information

20C 2.5GHz 150W	Intel Xeon-Gold 6248 (2.5GHz/20-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P025
24C 2.1GHz 150W	Intel Xeon-Gold 6252 (2.1GHz/24-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P025
18C 3.1GHz 200W	Intel Xeon-Gold 6254 (3.1GHz/18-core/200W) Processor Kit for HPE ProLiant DL380 Gen10	P025
24C 2.4GHz 165W	Intel Xeon-Platinum 8260 (2.4GHz/24-core/165W) Processor Kit for HPE ProLiant DL380 Gen10	P025
24C 2.9GHz 205W	Intel Xeon-Platinum 8268 (2.9GHz/24-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P025
28C 2.2GHz 165W	Intel Xeon-Platinum 8276 (2.2GHz/28-core/165W) Processor Kit for HPE ProLiant DL380 Gen10	P025
28C 2.7GHz 205W	Intel Xeon-Platinum 8280 (2.7GHz/28-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P025
12C 3.3GHz 165W	Intel Xeon-Gold 6246 (3.3GHz/12-core/165W) Processor Kit for HPE ProLiant DL380 Gen10	P157
8C 1.9GHz 85W	Intel Xeon-Bronze 3206R (1.9GHz/8-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P235
10C 2.4GHz 100W	Intel Xeon-Silver 4210R (2.4GHz/10-core/100W) Processor Kit for HPE ProLiant DL380 Gen10	P235
12C 2.4GHz 100W	Intel Xeon-Silver 4214R (2.4GHz/12-core/100W) Processor Kit for HPE ProLiant DL380 Gen10	P235

Remarks	Description	
8C 3.2GHz 130W	Intel Xeon-Silver 4215R (3.2GHz/8-core/130W) Processor Kit for HPE ProLiant DL380 Gen10	P24
20C 2.1GHz 125W	Intel Xeon-Gold 5218R (2.1GHz/20-core/125W) Processor Kit for HPE ProLiant DL380 Gen10	P24
24C 2.2GHz 150W	Intel Xeon-Gold 5220R (2.2GHz/24-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P23
16C 2.9GHz 150W	Intel Xeon-Gold 6226R (2.9GHz/16-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P24
26C 2.1GHz 150W	Intel Xeon-Gold 6230R (2.1GHz/26-core/150W) Processor Kit for HPE ProLiant DL380 Gen10	P24
28C 2.2GHz 165W	Intel Xeon-Gold 6238R (2.2GHz/28-core/165W) Processor Kit for HPE ProLiant DL380 Gen10	P24
24C 2.4GHz 165W	Intel Xeon-Gold 6240R (2.4GHz/24-core/165W) Processor Kit for HPE ProLiant DL380 Gen10	P24
20C 3.1GHz 205W	Intel Xeon-Gold 6242R (3.1GHz/20-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P24
16C 3.4GHz 205W	Intel Xeon-Gold 6246R (3.4GHz/16-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P24
24C 3.0GHz 205W	Intel Xeon-Gold 6248R (3.0GHz/24-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P24
28C 2.7GHz 205W	Intel Xeon-Gold 6258R (2.7GHz/28-core/205W) Processor Kit for HPE ProLiant DL380 Gen10	P24

Notes: Network Choice (NC) server models must be selected for 2nd Generation Intel Xeon® Scalable "Refresh" (R) Processors for the SimpliVity 380 G and 380 H Models

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

Configuration Information

DDR4-2933

Details	Description	SKU
8x P00920-K21	HPE SimpliVity 128GB (8x16GB) DDR4-2933 Registered Memory Kit	R4C17A
6x P00918-K21, 6xP00920-K21	HPE SimpliVity 144G(6x8/6x16) RDIMM Kit	R4C18A
12x P00920-K21	HPE SimpliVity 192GB (12x16GB) DDR4-2933 Registered Memory Kit	R4C19A
6x P00924-K21	HPE SimpliVity 192GB (6x32GB) DDR4-2933 Registered Memory Kit	R4C20A
6x P00924-K21, 6x P00918-K21	HPE SimpliVity 240GB (6x32GB/6x8GB) DDR4-2933 Registered Memory Kit	R4C21A
4x P00930-K21	HPE SimpliVity 256GB (4x64GB) DDR4-2933 Registered Memory Kit	R4C22A
8x P00924-K21	HPE SimpliVity 256GB (8x32GB) DDR4-2933 Registered Memory Kit	R4C23A
6x P00924-K21, 6x P00922-K21	HPE SimpliVity 288GB (6x32GB/6x16GB) DDR4-2933 Registered Memory Kit	R4C26A
12x P00924-K21	HPE SimpliVity 384GB (12x32GB) DDR4-2933 Registered Memory Kit	R4C27A
6x P00930-K21	HPE SimpliVity 384GB (6x64GB) DDR4-2933 Registered Memory Kit	R4C28A
8x P00930-K21	HPE SimpliVity 512GB (8x64GB) DDR4-2933 Registered Memory Kit	R4C24A
6x P11040-K21	HPE SimpliVity 768GB (6x128GB) DDR4-2933 Load Reduced Memory Kit	R4C30A
12x P00930-K21	HPE SimpliVity 768GB (12x64GB) DDR4-2933 Registered Memory Kit	R4C29A
12x P11040-K21	HPE SimpliVity 1.5TB (12x128GB) DDR4-2933 Load Reduced Memory Kit	R4C25A

Notes:

– For more information go to: **http://www.hpe.com/docs/memory-population-rules**
– DDR4-2933 Memory Kits are only supported with 2nd Generation Intel Xeon Scalable Series Processors and DDR4-2666 Memory Kits are only supported with 1st Generation Intel Xeon Scalable Series Processors

Networking

Action: One FlexLOM is required. This is in addition to the standard 4 port 1GbE LOM included in the base node

System Max	Description	SKU
1	HPE Ethernet 1Gb 4-port FLR-T BCM5719 Adapter	629135-B22
1	HPE Ethernet 1Gb 4-port FLR-T I350-T4V2 Adapter	665240-B21
1	HPE FlexFabric 10Gb 2-port FLR-T 57810S Adapter	700759-B21
1	HPE FlexFabric 10Gb 2-port FLR-SFP+ 57810S Adapter	700751-B21
1	HPE FlexFabric 10Gb 4-port FLR-T 57840S Adapter	764302-B21
1	HPE Ethernet 10/25Gb 2-port FLR-SFP28 BCM57414 Adapter	817709-B21
1	HPE Ethernet 10/25Gb 2-port FLR-SFP28 MCX4121A-ACFT Adapter	817749-B21

PCI Adapter

Action: Optional PCIe Adapters can be added if slots are available. Additional PCIe slots are available in the case of dual CPU with secondary riser.

System Max	Description	SKU
5	HPE Ethernet 1Gb 4-port BASE-T BCM5719 Adapter	647594-B21
5	HPE Ethernet 1Gb 4-port BASE-T I350-T4V2 Adapter	811546-B21
5	HPE Ethernet 10Gb 2-port SFP+ 57810S Adapter	652503-B21
5	HPE Ethernet 10Gb 2-port BASE-T 57810S Adapter	656596-B21
5	HPE Ethernet 10/25Gb 2-port SFP28 QL41401-A2G Adapter	867328-B21
5	HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 Adapter	817718-B21
5	HPE Ethernet 10/25Gb 2-port SFP28 MCX4121A-ACUT Adapter	817753-B21
5	HPE Ethernet 1Gb 4-port BASE-T BCM5719 Adapter	647594-B21

Configuration Information

Power Supplies

Action: Two power supplies are required.

Remarks	Description	SKU
	HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	865414-B21
	HPE 800W Flex Slot Universal Hot Plug Low Halogen Power Supply Kit	865428-B21
	HPE 800W Flex Slot -48VDC Hot Plug Low Halogen Power Supply Kit	865434-B21
	HPE 800W Flex Slot Titanium Hot Plug Low Halogen Power Supply Kit	865438-B21
	HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	830272-B21

Notes:

– The power supply requirement 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.
https://www.hpe.com/info/poweradvisor

– 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

Optional Fibre Channel HBA cards

Action: Optional FC HBAs may be added if slots are available

System Max	Description	SKU
5	HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	P9D94A
5	HPE SN1600Q 32Gb Dual Port Fibre Channel Host Bus Adapter	P9M76A

Notes:

Additional network cables and transceivers are available in the Aruba and DataCenter Networking menus.

Information on interoperability between network adapters, transceivers, and cables is available in the network adapter QuickSpecs

Additional Server Options

Action: Two power supplies are required.

Remarks	Description	SKU
	HPE DL3XX Gen10 Rear Serial Cable and Enablement Kit	873770-B21
	HPE 2U Large Form Factor Ball Bearing Rail Kit	720864-B21
	HPE 2U Cable Management Arm for Ball Bearing Rail Kit	720865-B21
	HPE 2U Large Form Factor Easy Install Rail Kit	733662-B21
	HPE 2U Cable Management Arm for Easy Install Rail Kit	733664-B21

Storage

HPE SimpliVity 380 H uses a hybrid storage configuration containing one kit of SSDs and one kit of HDDs.

Action:

- Select SSD + HDD storage kit for the node
- The appropriate OmniStack software will be included by the configurator

Quantity	Description	SKU
4	HPE SimpliVity 1.92TB SATA 6G Mixed Use SFF SC Multi Vendor SSD	S1J92A
1	HPE SimpliVity 1.2TB SAS 12G SFF (2.5in) 20-pack HDD	R4D37A

Notes: Usable capacity is the capacity available after RAID and system overheads have been removed, before deduplication and compression is applied

Configuration Information

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

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

Remarks	Description	SKU
	HPE SimpliVity 380 H 1 Processor 20TB Software	R4D19A
	HPE SimpliVity 380 H 2 Processors 20TB Software	R4D20A

VMware Software
Action:

- A valid VMware vSphere license is required for each CPU to complete deployment.
- If an order is placed without VMware licenses, the user agrees to supply the necessary license.

Remarks	Description	SKU
	VMware vSphere Remote Office Branch Office Standard 25VM 3yr E-LTU	P9A82AAE
	VMware vSphere Remote Office Branch Office Standard 25VM 5yr E-LTU	P9A83AAE
	VMware vSphere Remote Office Branch Office Advanced 25VM 3yr E-LTU	P9A85AAE
	VMware vSphere Remote Office Branch Office Advanced 25VM 5yr E-LTU	P9A86AAE
	VMware vSphere Standard 1 Processor 3yr Software	BD711A
	VMware vSphere Standard 1 Processor 3yr E-LTU	BD711AAE
	VMware vSphere Enterprise Plus 1 Processor 3yr Software	BD715A
	VMware vSphere Enterprise Plus 1 Processor 3yr E-LTU	BD715AAE
	VMware vSphere Standard 1 Processor 5yr Software	BD512A
	VMware vSphere Standard 1 Processor 5yr E-LTU	BD512AAE
	VMware vSphere Enterprise Plus 1 Processor 5yr Software	BD514A
	VMware vSphere Enterprise Plus 1 Processor 5yr E-LTU	BD514AAE

Notes:

– The HPE SimpliVity 380 supports VMware vSphere 7.0

– For VMware and HW compatibility, please see the interoperability guide
HPE SimpliVity OmniStack Interoperability Guide or **HPE Support Center portal**

– HPE SimpliVity 380 Gen10 for VMware vSphere requires valid VMware vSphere and vCenter licenses. VMware licenses can only be removed from the order if it is confirmed that the end-customer has valid licenses in place (Enterprise License Agreement (ELA), vCloud Air Partner or unused Enterprise Purchasing Program tokens).

HPE Integrated Lights Out Advanced Software (iLO Advanced)
Action: The HPE iLO Advanced license is required.

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

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:

Configuration Information

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.

Remarks	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.

Remarks	Description	SKU
	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.

Remarks	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.

Quantity	Description	SKU
4 (S to M)	HPE SimpliVity 1.92TB SATA 6G Read Intensive SFF SC Multi Vendor SSD	S1J84A
3 (M to L)	HPE SimpliVity 1.92TB SATA 6G Read Intensive SFF SC Multi Vendor SSD	S1J84A
4 (S to M)	HPE SimpliVity 1.92TB SATA 6G Mixed Use SFF SC Multi Vendor SSD	S1J92A
3 (M to L)	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

Remarks	Description	SKU
	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

Configuration Information

Action: Select the Processor Heat Sink

Remarks	Description	SKU
	HPE DL380 Gen10 High Performance Heat Sink Kit	826706-B21

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 su 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.

Remarks	Description	SKU
	HPE SimpliVity 380 Gen10 G Expansion Kit	R6U13A

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 ⑧ 380G x8 SSD

380G x6 SSD ⑧ 380G x9 SSD

380G x8 SSD ⑧ 380G x9 SSD

380G x8 SSD ⑧ 380G x12 SSD

380G x9 SSD ⑧ 380G x12 SSD

380G x12 SSD ⑧ 380G x16 SSD

Configuration Information

380G x12 SSD ® 380G x18 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 1.92TB 6-pack to 8-pack SSD Upgrade E-LTU	R6T25AAE
HPE SimpliVity 380 G 2 Processors 1.92TB 6-pack to 8-pack SSD Upgrade E-LTU	R6T31AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 8-pack to 12-pack SSD Upgrade E-LTU	R6T26AAE
HPE SimpliVity 380 G 2 Processors 1.92TB 8-pack to 12-pack SSD Upgrade E-LTU	R6T32AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 12-pack to 16-pack SSD Upgrade E-LTU	R6T27AAE
HPE SimpliVity 380 G 2 Processors 1.92TB 12-pack to 16-pack SSD Upgrade E-LTU	R6T33AAE
HPE SimpliVity 380 G 1 Processor 1.92TB 16-pack to 24-pack SSD Upgrade E-LTU	S0N40AAE
HPE SimpliVity 380 G 2 Processors 1.92TB 16-pack to 24-pack SSD Upgrade E-LTU	S0N41AAE

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.

Remarks	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.

Quantity	Description	SKU

Configuration Information

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

Action: Select the Processor Heat Sink

| **Remarks** | **Description** | |
| | HPE DL380 Gen10 High Performance Heat Sink Kit | 82 |

Action: Select the appropriate CPU for performing the CPU add-on to your existing 1P SimpliVity 380 nodes (from the
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 Compl
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 su
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. For trade-in information, please go to: **http://www.hp.com/go/green**. To recycle your product, please go to: **http://www.hp.com/go/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.
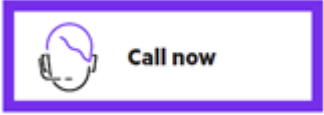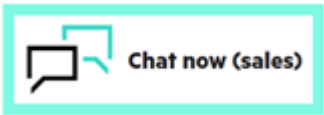
Summary of Changes

Date	Version History	Action	Description of Change
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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