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HPE SIMPLIVITY

General portfolio information

Q: Is there a webpage with information about HPE SimpliVity solutions?
A: The following webpage has HPE SimpliVity content: hpe.com/info/simplivity.

Q: What is the HPE SimpliVity HyperGuarantee?
A: It is HPE’s performance guarantee backing up the simplicity, efficiency, and power of HPE SimpliVity hyperconverged technology. To learn more about HPE SimpliVity hyperconverged technology and hear what customers are saying about our HyperGuarantee, visit hpe.com/info/hyperguarantee.

Q: Is HPE InfoSight available for HPE SimpliVity?
A: Yes, HPE InfoSight for HPE SimpliVity is available as of October 2019.

Q: What HPE InfoSight for HPE SimpliVity features are available in the first release?
A: The following features are available in the first release:

- Visibility—Provides system details at the federation, cluster, and node level (includes entitlement status of the node)
- Predictive analytics—Insights into historical cluster capacity consumption and prediction to full
- Proactive wellness alerts—Alleviates support issues and reduces operational expenses with automated wellness alerts and case creation
- VM resource utilization—Visibility to VM neighbors and insights into VM storage utilization to identify high consuming VMs and implement corrective actions
- Provides a unified view of HPE assets

Q: What is the new HPE SimpliVity Management Virtual Appliance and what does it do?
A: The HPE SimpliVity Management Virtual Appliance is a new component added to HPE SimpliVity federations to improve scalability by allowing up to 96 nodes in a federation, and improves management by enabling peer federations to be centrally managed. The Management Virtual Appliance is designed to enhance the management of larger numbers of HPE SimpliVity nodes within a federation. Users will have the option to deploy the Management Virtual Appliance when deploying nodes with Deployment Manager. Similarly, users upgrading to HPE SimpliVity software after 4.0 will have the option to deploy the Management Virtual Appliance. HPE SimpliVity federations utilizing the new HPE SimpliVity Management Virtual Appliance are referred to as centrally managed federations. Traditional HPE SimpliVity federations that do not use the HPE SimpliVity Management Virtual Appliance are referred to as peer-to-peer federations.

Q: What are the features of the HPE SimpliVity Management Virtual Appliance introduced in the first release?
A: The HPE SimpliVity Management Virtual Appliance allows a single VMware vCenter® to manage up to 96 nodes in an HPE SimpliVity federation. HPE SimpliVity federations that do not use the HPE SimpliVity Management Virtual Appliance require three VMware vCenter to manage 96 nodes in a federation. The HPE SimpliVity Management Virtual Appliance is available for VMware® deployments only at this time.

Q: Is the Management Virtual Appliance supported with linked mode VMware vCenter?
A: Yes, the Management Virtual Appliance is supported with linked mode VMware vCenter. For this scenario, every vCenter must be deployed together with a Management Virtual Appliance.

Q: What is the witness or the arbiter requirements for HPE SimpliVity?
A: As of HPE SimpliVity software version 4.0, the arbiter is only required for 2 nodes in a cluster or stretch-cluster deployments. It is recommended for 4 nodes in a cluster deployment. The arbiter is not required for a single node in a cluster or 3 or more nodes in a cluster deployment.

Q: Does HPE SimpliVity support role-based access control (RBAC)?
A: Yes. HPE SimpliVity software 4.0 and later supports RBAC for VMware deployments. The new HPE SimpliVity RBAC has two different user roles, the Administrator and Backup User. Please see the HPE OmniStack 4.0.0 for vSphere Administration Guide for more details.

Q: Is there a list of HPE SimpliVity customer success stories?
A: Yes. A list of customer success stories is available in the following link: upshotstories.com/companies/hpe-simplivity
**Frequently asked questions**

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**HPE SIMPLIVITY 380 GEN10**

**Technical information—HPE OmniStack Accelerator Card**

Q: Do all HPE SimpliVity 380 Gen10 servers include the HPE OmniStack Accelerator Card?

A: No. HPE SimpliVity 380 Gen10 servers running VMware are available in either hardware accelerated or software-optimized solutions.

Q: Does the HPE hardware accelerated HPE SimpliVity 380 Gen10 use the same accelerator card as the HPE SimpliVity 380 Gen9?

A: Yes. The HPE OmniStack Accelerator Card in the Gen10 platform is the same card that is used in the HPE SimpliVity Gen9 platform.

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**Technical information—Memory**

Q: How much memory is supported in the HPE SimpliVity 380 Gen10?

A: The HPE SimpliVity 380 Gen10 supports memory ranging from 144 GB up to 3.0 TB per node. Dual socket configurations may be required to achieve some capacity points. Additional information is available in the HPE SimpliVity 380 Gen10 QuickSpecs.

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**Technical information—CPUs**

Q: What types of CPUs are available for the HPE SimpliVity 380 Gen10?

A: The HPE SimpliVity 380 Gen10 supports Intel® Xeon® Scalable processor CPUs up to 28 cores.

Q: Does HPE SimpliVity support Intel® Cascade Lake Refresh CPUs?

A: Yes. Intel Cascade Lake Refresh CPUs are supported for the HPE SimpliVity 380 Gen10, HPE SimpliVity 380 Gen10 G, HPE SimpliVity Gen10 H, and HPE SimpliVity 2600 platforms.

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**Technical information—GPUs**

Q: What GPU options are available with the HPE SimpliVity 380 Gen10 platform?

A: The HPE SimpliVity 380 Gen10 will offer the NVIDIA® GRID Tesla M10, P40, and T4 (16 GB) GPU cards. The HPE SimpliVity 380 software-optimized solution can support up to two GPUs in a single node. The HPE SimpliVity 380 hardware accelerated solution can support one GPU per node.

Q: If the HPE SimpliVity 380 Gen10 is configured with a GPU, are larger power supplies needed?

A: Yes. For HPE SimpliVity 380 Gen10 with GPUs, dual 1600W PSUs are recommended.

Q: Is an additional NIC supported if an HPE SimpliVity 380 Gen10 is configured with a GPU?

A: Yes. With the GPU, there is one additional PCIe x8 slot available for a NIC.

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**Technical information—Single versus dual socket**

Q: What are the hardware differences between the single and dual socket HPE SimpliVity 380 configurations?

A: Single socket HPE SimpliVity 380 only ships with a single PCIe riser. Therefore, single socket HPE SimpliVity 380 will not support any expansion card, which is seated on the secondary riser. If a dual CPU HPE SimpliVity 380 is ordered, the secondary PCIe riser is an option.

Q: Can a CPU be added to an HPE SimpliVity 380 Gen10 if the server was originally shipped with a single CPU?

A: Yes. CPU expansion is now available for HPE SimpliVity 380 Gen10 servers that were shipped from the factory with a single CPU. HPE Pointnext Services will complete the CPU expansion of the HPE SimpliVity system.

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**Technical information—Storage**

Q: Once an HPE SimpliVity 380 Gen10 server is shipped, can the storage be expanded?

A: Yes. Storage expansion kits are available for hardware-accelerated HPE SimpliVity 380 Gen10 Small and Medium configuration servers. HPE Pointnext Services will complete the storage expansion of the HPE SimpliVity system.

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**Technical information—Software and licensing**

Q: How is HPE SimpliVity licensed?

A: HPE SimpliVity is licensed per node, on the basis of available storage and number of installed CPUs. All dedupe, compression, and backup capabilities are always turned on.
Technical information—Installation and support

Q: Is the HPE SimpliVity 380 Gen10 customer installable?
A: Although customers can rack and cable the HPE SimpliVity 380 Gen10, HPE Server Hardware Installation service provides for the basic hardware installation to assist you in bringing your new hardware into operation in a timely and professional manner. Further, 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 Startup services also include the installation of one supported operating system type (Windows or Linux®).

Q: Which HPE Pointnext Services support levels are available for HPE SimpliVity 380 Gen10?
A: HPE Proactive Care for HPE SimpliVity is designed to help meet your IT and business needs effectively and efficiently. Receive the all benefits of HPE Proactive Care and have access to new self-serve tools giving you control managing your HPE SimpliVity solution keeping it reliable, stable, and at peak performance. In addition, HPE Foundation Care and HPE Proactive Care Advanced are also available, and HPE Foundation Care is the minimum level of support for HPE SimpliVity 380.

HPE SIMPLIVITY 380 WITH VMWARE

General information

Q: What are the features available in the HPE SimpliVity 380 Gen10 platform?
A: This is the list of available features:

• Single and dual processor options
• 4000 and 6000 series all-flash configurations
• Extra-small, small, medium, large, and extra-large all-flash configurations
• Choice of software-optimized or hardware accelerated data efficiency models for deduplication and compression
• HPE ProLiant Gen10 hardware advancements
• Support for NVIDIA GRID Tesla M10, T4, and P40 VDI graphics accelerator cards

Q: What's the difference between the HPE SimpliVity 380 Gen10 4000 series all-flash versus the 6000 series all-flash?
A: The 4000 series all-flash is ideal for price sensitive customers who have read-intensive or typical read/write mixed workloads. The 6000 series all-flash is ideal for customers who have high-performance mixed workloads with read and/or write intensive requirements.

Q: Which features are available with HPE SimpliVity 380 Gen10 4000 series all-flash solutions?
A: Hewlett Packard Enterprise announced XS, S, M, L, and XL HPE SimpliVity 380 Gen10 all-flash solutions, in both single and dual socket configurations. The XS and S solutions are very suitable for SMB and ROBO customers who have lower compute needs and are looking for an affordable hyperconverged solution. The XL configuration is ideal for customers with high storage capacity workloads or who need a backup hub for distributed environments. All solutions offer the performance of an all-flash solution at a hybrid HCI storage price. For customers with high-end graphics needs, HPE also announced support for NVIDIA Tesla M10 GPU accelerator cards.

Q: Which features are available with HPE SimpliVity 380 Gen10 6000 series all-flash solutions?
A: The HPE SimpliVity 380 Gen10 6000 series all-flash portfolio includes XS, S, M, and L single and dual processor configurations, all-flash storage at competitive prices, and support for NVIDIA Tesla M10 GPU accelerator cards. The 6000 series is best for enterprise high-performance mixed workloads—great for read and I/O intensive environments.

Q: What is HPE SimpliVity RapidDR?
A: HPE SimpliVity RapidDR is an automated, simplified off-site disaster recovery solution that provides VM protection across primary and secondary sites. This solution is a good lightweight user-based application that is an alternative to VMware Site Recovery Manager™.
Technical information—Clusters

Q: What are the cluster size limits?
A: The minimum cluster size is one node. The minimum cluster size with node-level protection is two nodes. The minimum federation with site-level protection is 1+1. The minimum federation recommended in practice is 2+1.

The maximum recommended cluster size is 16 nodes in a cluster, 96 in a federation. For large ROBO deployments, 48 2-node clusters per federations are available. This is not a technical nor a support limit; however, for larger deployments please discuss with your HPE Sales representative or account manager.

Q: Can a customer complete metro or stretch clustering with the HPE SimpliVity 380 Gen10?
A: Yes. Stretch cluster capability is supported on the Gen10 platform. HPE SimpliVity systems running 3.7.10 software can be configured in 8+8 node stretch cluster.

Q: Can I mix HPE SimpliVity 380 Gen9 servers with Gen10 servers in the same cluster?
A: Yes. It is possible to mix nodes if the storage size in each is the same. Please refer to the Heterogeneous HPE SimpliVity clusters technical white paper for more information.

Q: Is it possible to mix HPE SimpliVity Gen9, Cisco, Dell, and Lenovo nodes with HPE SimpliVity Gen10 nodes?
A: Yes, it is possible to mix Gen9 and Gen10 nodes if the customer is using 3.7.3 HPE OmniStack software and if storage capacity is consistent across all nodes. Please refer to the Heterogeneous HPE SimpliVity clusters technical white paper for more information.

Q: Can I mix HPE SimpliVity nodes with different capacities in the same cluster?
A: Yes. However best practices recommend that all nodes in the cluster are as similar in capacity as possible.

Technical information—Software and licensing

Q: Does HPE SimpliVity offer integrated software, hypervisor, and firmware updates?
A: Yes. HPE SimpliVity Upgrade Manager software version 4.0 enables integrated software, hypervisor, and firmware upgrades to HPE SimpliVity 380 hardware accelerated, HPE SimpliVity 380 software-optimized, HPE SimpliVity 380 backup and archive, HPE SimpliVity 325, and HPE SimpliVity 2600 nodes.

Q: Is VMware included in the purchase of an HPE SimpliVity 380 Gen10?
A: The software is available on the node. However, customers must provide their own VMware licensing.

Q: What versions of VMware vSphere® are supported on the HPE SimpliVity 380 Gen10?
A: vSphere 6.7 U2 and vSphere 6.5 are supported on the HPE SimpliVity 380 Gen10. Please see the interoperability guide for additional platform support details. The document is available in the following link: support.hpe.com/hpsc/doc/public/display?docLocale=en_US&docId=emr_na-a00080626en_us&withFrame

Q: Is VMware vSphere® Distributed Resource Scheduler™ integrated into the HPE SimpliVity 380 Gen10?
A: Yes. VMware vSphere DRS leverages rules from HPE SimpliVity placement and workload optimizer (IWO = Intelligent Workload Optimizer). The DRS integration into HPE SimpliVity is advancing with every release.

Q: If a customer orders an HPE SimpliVity 380 Gen10 with the optional GPU, are GPU licenses included with the Gen10 system?
A: GPU licenses need to be purchased separately.

Q: Where is the latest HPE SimpliVity software posted?
A: The HPE SimpliVity software downloads are posted on the HPE Support Center.

Q: Is HPE Smart Array (data-at-rest encryption) available for Gen10 solutions?
A: Yes. HPE SimpliVity Gen10 uses the HPE Smart Array Controller versus the LSI card that was used for Gen9. The new HPE Smart Array Controller Gen10 supports data-at-rest encryption with local and remote/central key management for HPE SimpliVity 380.
Q: Can HPE Smart Array (data-at-rest encryption) be enabled post initial deployment?
A: HPE Smart Array based encryption can only be enabled before the system is deployed. Smart Array based encryption cannot be turned on for a deployed system.

Q: Does the HPE SimpliVity 380 Gen10 have the initial factory reset software on an internal SD card or USB key?
A: No. The HPE SimpliVity 380 Gen10 does not include an internal SD card or USB key with the factory reset software. If a factory reset is needed, then support must bring the image and provide the method to transfer the factory reset image to the HPE SimpliVity Gen10.

HPE SIMPLIVITY 380 GEN10 SOFTWARE-OPTIMIZED

Technical information

Q: What is the HPE SimpliVity 380 Gen10 software-optimized solution?
A: The HPE SimpliVity 380 software-optimized solution is a two-socket hyperconverged solution that combines HPE SimpliVity data efficiencies with an integrated backup solution. The HPE SimpliVity 380 software-optimized solution is software-optimized compared to the HPE SimpliVity 380 that has a dedicated hardware-accelerator card.

Q: Is the HPE SimpliVity 380 Gen10 software-optimized solution available in single and dual-socket configurations?
A: Yes. Both single and dual-socket HPE SimpliVity 380 software-optimized platforms are available.

Q: Are different storage sizes of the HPE SimpliVity 380 Gen10 software-optimized solution available?
A: Yes. The HPE SimpliVity 380 software-optimized solution is available in four different storage sizes. The different sizes contain either 6, 8, 12, or 16 1.92 TB SSDs.

Q: How much memory is supported in the HPE SimpliVity 380 Gen10 software-optimized solution?
A: The HPE SimpliVity 380 Gen10 software-optimized solution supports memory ranging from 128 GB up to 3.0 TB per node. Dual socket configurations may be required to achieve some capacity points. Additional information is available in the HPE SimpliVity 380 Gen10 QuickSpecs.

Q: What GPUs are supported on the HPE SimpliVity 380 Gen10 software-optimized solution?
A: The HPE SimpliVity 380 Gen10 software-optimized supports the NVIDIA Tesla M10 Quad GPU, NVIDIA Tesla P40 24GB computational accelerator, and NVIDIA Tesla T4 16GB module. The new NVIDIA Tesla T4 16GB GPU module is a non-slot blocking single-width GPU that allows for an additional NIC and/or Fibre Channel adapter. The HPE SimpliVity 380 Gen10 software-optimized solution supports two GPUs per chassis.

HPE SIMPLIVITY 380 GEN10 BACKUP AND ARCHIVE NODE

Technical information

Q: What is the HPE SimpliVity 380 Gen10 backup and archive node?
A: The HPE SimpliVity 380 Gen10 backup and archive node is a solution from HPE that combines the benefits of HPE SimpliVity's data efficiency and integrated backup software with a solution that contains both SSDs and traditional spinning disks.

Q: How much memory is supported in the HPE SimpliVity 380 Gen10 backup and archive solution?
A: The HPE SimpliVity 380 Gen10 backup and archive solution supports memory ranging from 192 GB up to 3.0 TB per node. Dual socket configurations may be required to achieve some capacity points. Additional information is available in the HPE SimpliVity 380 Gen10 QuickSpecs.
HPE SIMPLIVITY 2600

Technical information

Q: What is the HPE SimpliVity 2600?
A: The HPE SimpliVity 2600 is a new solution that offers HPE SimpliVity technology on a new hardware platform and is optimized for environments that require higher density nodes. The HPE SimpliVity 2600 is based on the HPE Apollo 2600 chassis and servers. The solution utilizes software optimization for deduplication and compression. The HPE SimpliVity 2600 does not include an HPE OmniStack Accelerator Card.

Q: What server modules are available on the HPE SimpliVity 2600?
A: The HPE SimpliVity 2600 offers both the HPE SimpliVity 170 and the HPE SimpliVity 190 servers.

Q: The HPE SimpliVity 2600 has optional redundant fans. When are redundant fans required?
A: Redundant fans are required for HPE SimpliVity 190 servers configured with GPUs.

Q: Can a customer expand the number of servers in their HPE SimpliVity 2600 chassis after initial deployment?
A: If the initial deployment is a two-node HPE SimpliVity 170, then the customer can expand the initial deployment to a three-node or four-node HPE SimpliVity 170 system. HPE SimpliVity 190 systems are only available in two-node configurations and are not expandable.

Q: What virtualization software is supported by the HPE SimpliVity 2600?
A: The HPE SimpliVity 2600 supports VMware deployments at this time.

Q: What VDI software is supported on the HPE SimpliVity 2600?
A: The HPE SimpliVity 2600 supports both VMware Horizon® and Citrix VDI software.

Q: Does the HPE SimpliVity 2600 use a hardware-based accelerator card for deduplication and compression?
A: No. The HPE SimpliVity 2600 utilizes a software-optimized datapath for deduplication and compression.

Q: Can a customer mix HPE SimpliVity 2600 and HPE SimpliVity 380 Gen10 in a cluster?
A: HPE SimpliVity software version 3.7.8 and later supports mixing HPE SimpliVity 380s and HPE SimpliVity 2600s in the same cluster.

Q: Can a customer mix HPE SimpliVity 2600 and HPE SimpliVity 380 Gen10 in a federation?
A: All servers within a cluster must be either HPE SimpliVity 2600 or HPE SimpliVity 380 Gen10. However, a federation can consist of a cluster of HPE SimpliVity 2600 and a cluster of HPE SimpliVity 380 Gen10. All HPE SimpliVity servers in the federation must be upgraded to HPE OmniStack 3.7.6 software prior to mixing servers in a federation.

Q: Are there different storage sizes available for the HPE SimpliVity 2600?
A: Only a single storage size for the HPE SimpliVity 2600 is currently available. The servers will ship with six 1.92 TB SSD drives for user storage.

Q: What CPU options are available on the HPE SimpliVity 2600?
A: HPE SimpliVity 2600 configured with HPE SimpliVity 170 support both single and dual CPU configurations. HPE SimpliVity 190 must be configured with dual CPUs.

Q: What memory options are available on the HPE SimpliVity 2600?
A: The HPE SimpliVity 2600 provides 6 DIMM channels per socket. The following options are available:

- HPE SimpliVity 128 GB 4 DIMM FIO Kit 1/CPU
- HPE SimpliVity 192 GB 6 DIMM FIO Kit 1/CPU
- HPE SimpliVity 256 GB 4 DIMM FIO Kit 1/CPU
- HPE SimpliVity 384 GB 6 DIMM FIO Kit 1/CPU

Q: Is the Trusted Platform Module (TPM) available on the HPE SimpliVity 2600?
A: Yes.
HPE SIMPLIVITY 325 GEN10

Technical information

Q: What is the HPE SimpliVity 325 Gen10?
A: The HPE SimpliVity 325 provides HCI choice with the AMD EPYC™ single CPU processor platform including all-flash storage. Highly dense, the solution is a 1U enclosure that scales in 1U increments and is ideal for remote office or space-constrained locations. The most compact solution in the portfolio, it includes a single, 64-core AMD EPYC processor, delivering twice the desktop density at 50% less cost than previous models. Each appliance has one node per 1U chassis and provides customers with the full software capabilities of HPE SimpliVity—guaranteed data efficiency, built-in data protection and global VM-centric management and mobility. Customers can also mix HPE SimpliVity 325 with HPE SimpliVity 380 and 2600 federations.

Q: Is the HPE SimpliVity 325 Gen10 available in different storage sizes?
A: Yes. The HPE SimpliVity 325 Gen10 is available in two different storage sizes. The sizes are labeled extra-small and small and have 4.6 TB and 7.5 TB approximate usable capacities respectively.

Q: How does the HPE SimpliVity deduplicate and compress data?
A: HPE SimpliVity 325 is a software-optimized solution that manages the deduplication and compression of data through software.

Q: Can a customer integrate the AMD-based HPE SimpliVity 325 Gen10 into a federation of existing Intel-based HPE SimpliVity nodes?
A: Yes. The HPE SimpliVity 325 Gen10 nodes must be in a cluster of only AMD-based HPE SimpliVity solutions, but the AMD-based cluster can be part of a larger federation that includes Intel-based nodes.

HPE SIMPLIVITY 380 GEN10 ALL-FLASH WITH VMWARE MODEL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>CPU configuration</th>
<th>Memory</th>
<th>Storage configuration</th>
<th>Effective storage capacity</th>
<th>RAID configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>XS</td>
<td>1P Intel Xeon 8–14, 16–28 Cores</td>
<td>128–768 GB</td>
<td>5x960 GB SSD</td>
<td>3–6 TB</td>
<td>RAID 5</td>
</tr>
<tr>
<td></td>
<td>2P Intel Xeon 8–14, 16–28 Cores</td>
<td>256–1536 GB</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Small</td>
<td>1P Intel Xeon 8–14, 16–28 Cores</td>
<td>128–768 GB</td>
<td>5x1.92 TB SSD</td>
<td>6–12 TB</td>
<td>RAID 5</td>
</tr>
<tr>
<td></td>
<td>2P Intel Xeon 8–14, 16–28 Cores</td>
<td>256–1536 GB</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medium</td>
<td>1P Intel Xeon 8–14, 16–28 Cores</td>
<td>128–768 GB</td>
<td>9x1.92 TB SSD</td>
<td>12–25 TB</td>
<td>RAID 6</td>
</tr>
<tr>
<td></td>
<td>2P Intel Xeon 8–14, 16–28 Cores</td>
<td>256–1536 GB</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Large</td>
<td>1P Intel Xeon 8–14, 16–28 Cores</td>
<td>128–768 GB</td>
<td>12x1.92 TB SSD</td>
<td>20–40 TB</td>
<td>RAID 6</td>
</tr>
<tr>
<td></td>
<td>2P Intel Xeon 8–14, 16–28 Cores</td>
<td>256–1536 GB</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>XL*</td>
<td>1P Intel Xeon 8–14, 16–28 Cores</td>
<td>128–768 GB</td>
<td>12x3.84 TB SSD</td>
<td>40–80 TB</td>
<td>RAID 6</td>
</tr>
<tr>
<td></td>
<td>2P Intel Xeon 8–14, 16–28 Cores</td>
<td>256–1536 GB</td>
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</tr>
</tbody>
</table>

* XL configuration is available for 4000 series only.

HPE SIMPLIVITY 325 GEN10 WITH VMWARE ALL-FLASH MODEL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>CPU configuration</th>
<th>Memory</th>
<th>Storage configuration</th>
<th>Usable storage capacity</th>
<th>RAID configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>XS</td>
<td>1P AMD EPYC 16–64 Cores</td>
<td>256–2048 GB</td>
<td>4x1.92 TB SSD</td>
<td>4.6 TB</td>
<td>2 RAID 10 3+1 RAID 5</td>
</tr>
<tr>
<td>Small</td>
<td>1P AMD EPYC 16–64 Cores</td>
<td>256–2048 GB</td>
<td>6x1.92 TB SSD</td>
<td>7.5 TB</td>
<td>3+3 RAID 10 5+1 RAID 5</td>
</tr>
</tbody>
</table>
# HPE SIMPLIVITY 380 GEN10 SOFTWARE-OPTIMIZED SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>CPU configuration</th>
<th>Memory</th>
<th>Storage configuration</th>
<th>Usable storage capacity</th>
<th>RAID configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>6x SSDs</td>
<td>1P Intel Xeon 8–28 Cores</td>
<td>128–1536 GB</td>
<td>6x1.92 TB SSD</td>
<td>7.5 TB</td>
<td>RAID 10 RAID 5</td>
</tr>
<tr>
<td></td>
<td>2P Intel Xeon 8–28 Cores</td>
<td>256–3072 GB</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8x SSDs</td>
<td>1P Intel Xeon 8–28 Cores</td>
<td>128–1536 GB</td>
<td>8x1.92 TB SSD</td>
<td>10.6 TB</td>
<td>RAID 10 RAID 5</td>
</tr>
<tr>
<td></td>
<td>2P Intel Xeon 8–28 Cores</td>
<td>256–3072 GB</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12x SSDs</td>
<td>1P Intel Xeon 22–28 Cores</td>
<td>192 GB to 1.5 TB</td>
<td>12x1.92 TB SSD</td>
<td>15 TB</td>
<td>RAID 10 RAID 5</td>
</tr>
<tr>
<td></td>
<td>2P Intel Xeon 12–28 Cores</td>
<td>384 GB to 3.0 TB</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>16x SSDs</td>
<td>1P Intel Xeon 22–28 Cores</td>
<td>192 GB to 1.5 TB</td>
<td>16x1.92 TB SSD</td>
<td>20 TB</td>
<td>RAID 10 RAID 5</td>
</tr>
<tr>
<td></td>
<td>2P Intel Xeon 12–28 Cores</td>
<td>384 GB to 3.0 TB</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

# HPE SIMPLIVITY 380 GEN10 H

<table>
<thead>
<tr>
<th>Model</th>
<th>CPU configuration</th>
<th>Memory</th>
<th>Storage configuration</th>
<th>Usable storage capacity</th>
<th>RAID configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>380 Gen10 H LFF</td>
<td>1P Intel Xeon 8–28 Cores</td>
<td>128–1536 GB</td>
<td>4x1.92 TB SSD</td>
<td>25 TB</td>
<td>RAID 10 RAID 6</td>
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<tr>
<td></td>
<td>2P Intel Xeon 8–28 Cores</td>
<td>256–3072 GB</td>
<td>8x4.0 TB SSD</td>
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<tr>
<td>380 Gen10 H SFF</td>
<td>1P Intel Xeon 16–28 Cores</td>
<td>192–1536 GB</td>
<td>4x1.92 TB SSD + 20x1.2 TB 10K RPM HDDs</td>
<td>20 TB</td>
<td>RAID 10 RAID 6</td>
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<tr>
<td></td>
<td>2P Intel Xeon 8–28 Cores</td>
<td>384–1536 GB</td>
<td></td>
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</table>

# HPE SIMPLIVITY 2600 GEN10 ALL-FLASH MODEL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>CPU configuration</th>
<th>Memory</th>
<th>Storage configuration</th>
<th>Effective storage capacity</th>
<th>RAID configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPE SimpliVity 170</td>
<td>1–2P Intel Xeon 8–26 cores per socket</td>
<td>Minimum 2 nodes per chassis Maximum 4 nodes per chassis</td>
<td>128 GB–1024 GB 6x1.92 TB SSD</td>
<td>7–15 TB</td>
<td>Multi-Hier (RAID 1+O+RAID 5)</td>
</tr>
<tr>
<td>HPE SimpliVity 190</td>
<td>2P Intel Xeon 8–26 cores per socket</td>
<td>2 nodes per chassis Two optional PCIe GPU or NIC supported with HPE SimpliVity 190 models</td>
<td>128 GB–1024 GB 6x1.92 TB SSD</td>
<td>7–15 TB</td>
<td>Multi-Hier (RAID 1+O+RAID 5)</td>
</tr>
</tbody>
</table>
Frequently asked questions

RESOURCES
HPE SimpliVity Data Virtualization Platform technical white paper
HPE SimpliVity 380 data sheet
HPE SimpliVity 2600 data sheet
HPE SimpliVity 380 Gen10 QuickSpecs
HPE SimpliVity website
HPE Proactive Care for HPE SimpliVity data sheet

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