

# HPE SIMPLIVITY 380

## Converged Systems



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### WHAT'S NEW

- HPE SimpliVity 380 supports both 12 SSD or 16 SSD kits offering higher capacity software optimized nodes.
- HPE SimpliVity now supports 2nd Generation Intel® Xeon® Scalable Processors.
- HPE SimpliVity now supports HPE StoreOnce, for customers who need a simple, cost effective, efficient, archiving solution to centralize data, lower costs, or adhere to long term backup policies.

### OVERVIEW

Is complexity in your data center slowing you down?

HPE SimpliVity 380 gives IT organizations the agility and economics of the cloud with the control and governance of on-premises IT. It delivers a powerhouse hyperconverged solution optimized to support the world's most efficient and resilient data centers. This solution dramatically simplifies IT by combining infrastructure and advanced data services for virtualized workloads on a single device. Delivered on HPE ProLiant DL380 servers, the HPE SimpliVity 380 is a compact, scalable, 2U rack-mounted building block that consolidates server, storage, and

storage networking services. By delivering a complete set of advanced functionalities, SimpliVity solutions enable dramatic improvements in the operational efficiency, management, protection, and performance of all virtualized workloads for a fraction of the cost and complexity compared to today's traditional infrastructure stack.

## FEATURES

### **Complete Hyperconvergence in a Fully Integrated System**

The HPE SimpliVity 380 combines x86 resources, storage, and storage networking in a single hyperconverged system with advanced functionality.

Simplifies management and delivers outstanding cost efficiency and agility.

Increased visibility and control of the entire virtualized environment via unified management.

Delivers orchestrated, simultaneous deployment and upgrades so you can deploy more simply and respond to business needs faster.

Unify virtual machines and infrastructure tasks to reduce virtual machine (VM) sprawl and over-provisioning.

### **Peak and Predictable Performance**

The HPE SimpliVity 380 delivers an all-flash solution delivering predictable and near linear performance at near-wire speeds while reducing latency.

Hardware driven in-line deduplication, compression, and optimization helps reduce I/O and network traffic while dramatically shrinking backup window requirements.

### **On Demand Scale-in and Scale-out**

The HPE SimpliVity 380 can easily expand or contract configurations as your needs change.

Each node supports a large number of fully protected virtual machines (VMs).

A networked collection of nodes at both local and remote sites are managed as a single entity.

Flexibility to expand node storage and add a second CPU (with additional memory) to 1P nodes within the field.

Federations scale up to 96 nodes. Heterogenous federation support (clusters of HPE SimpliVity 380 Gen9/Gen10 and legacy SimpliVity can be federated with clusters of HPE SimpliVity 325 Gen10 and SimpliVity 2600 Gen10).

### **Advanced Data Services**

The HPE SimpliVity 380 delivers always-on deduplication and compression to significantly reduce capacity utilization.



Built-in resiliency, backup, and disaster recovery for enterprise-grade data protection.

Policy-based, virtual machine (VM) centric management to streamline operations.

HPE SimpliVity RapidDR is a Disaster Recovery(DR) orchestration tool for HPE SimpliVity platforms to simplify, automate, and accelerate offsite DR for rapid recovery of applications.

Optional Data at Rest Encryption (DARE) support.



## Technical specifications

## HPE SimpliVity 380

<b>Number of processors</b>	Choice of 1 or 2 Intel® Xeon® Scalable Processors
<b>Cores</b>	Intel® Xeon® Scalable Processors 8 to 28 cores selectable
<b>Memory</b>	<p>Minimum memory required is 128G per CPU. This will allow both multiples of 4 and 6 DIMM configurations per CPU.</p> <p>HPE SimpliVity 380 Gen10: 144 GB to 1536 GB per node selectable</p> <p>HPE SimpliVity 380 Gen10 G: 128 GB to 3072 GB per node selectable</p> <p>HPE SimpliVity 380 Gen10 H: 192 GB to 3072 GB per node selectable</p>
<b>Storage</b>	<p>HPE SimpliVity 380 Gen10: Two All-Flash Storage Options (4000/6000 Series) and 5 Capacity Points: Extra Small - 5 x 960GB SSD Kit Small - 5 x 1.92TB SSD Kit Medium - 9 x 1.92TB SSD Kit Large - 12 x 1.92TB SSD Kit Extra Large - 12 x 3.84TB SSD Kit (4000 Series only)</p> <p>HPE SimpliVity 380 Gen10 G: 6 SSD (RI) bundle - 7.5TB (usable) -Quantity 6 x 1.92 TB SSD Kit (Q9Y49A) 8 SSD (RI) bundle - 10.6 TB (usable) -Quantity 2 of 4 x 1.92TB SFF SSD kit (R2Z28A), 12 SSD (RI) bundle - 15TB (usable) -Quantity 3 of 4 x 1.9 TB SFF SSD kit (R2Z28A) 8 SSD (RI) bundle - 10.6TB (usable) -Quantity 2 of 4 x 1.92 TB SFF SSD kit (R2Z28A), 16 SSD (RI) bundle - 21TB (usable) -Quantity 4 of 4 x 1.92TB SFF SSD kit (R2Z28A),</p> <p>HPE SimpliVity 380 Gen10 H: LFF 4 x 1.92TB SSD, 8 x 4.0TB HDD Kit - 25TB (usable)</p>
<b>Ports</b>	Ethernet 1 Gb LOM embedded, 10 Gb FLOM
<b>Power</b>	<p>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</p>
<b>Form factor</b>	<p>HPE SimpliVity 380 Gen10 and HPE SimpliVity 380 Gen10 G: 2U Node with 1P or 2P options</p> <p>HPE SimpliVity 380 H: 2U (LFF) Node with 1P or 2P options</p>
<b>Warranty</b>	<p>Server Warranty includes 3-year Parts, 3-year Labor, 3-year Onsite support with next business day response.</p> <p>NOTE: 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.</p>



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For additional technical information, [available models and options](#), please [reference the QuickSpecs](#)

## HPE POINTNEXT SERVICES

HPE Pointnext Services leverages our breadth and depth of technical expertise and innovation to help to accelerate digital transformation. A comprehensive portfolio that includes—Advisory, Professional, and Operational Services is designed to help you evolve and grow today and into the future.

### Operational Services

- **HPE Datacenter Care** offers a tailored operational support solution built on core deliverables. It includes hardware and software support, a team of experts to help personalize deliverables and share best practices, as well as optional building blocks to address specific IT and business needs.
- **HPE Proactive Care** is an integrated set of hardware and software support including an enhanced call experience with start to finish case management helping resolve incidents quickly and keeping IT reliable and stable.
- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.

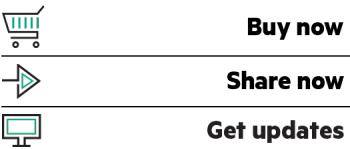
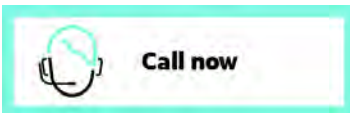
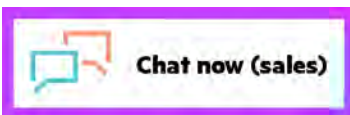
**Advisory Services** includes design, strategy, road map, and other services to help enable the digital transformation journey, tuned to IT and business needs. Advisory Services helps customers on their journey to Hybrid IT, Big Data, and the Intelligent Edge.

**Professional Services** helps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.

## HPE GREENLAKE

HPE Greenlake is an as-a-service offering that delivers on-demand capacity and planning, combining the agility and economics of public cloud with the security and performance of on-premises IT.

Make the right purchase decision.  
Contact our presales specialists.



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