



HPE SIMPLIVITY 380 GEN10 G NODE (R2G96A)

Hyper Converged



WHAT'S NEW

- HPE SimpliVity 380 supports the latest 2nd Generation Intel Xeon® Scalable Processors.
- HPE SimpliVity 380 Gen10 G now supports Mixed Use SSD kits offering the ability to order either Read Intensive or Mixed Use drives.
- HPE SimpliVity 380 G / 380 H Platforms now support the redesigned “Network Choice” server which provides greater flexibility in the primary networking

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

selection.

- 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.

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 HPE 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 Gen10 G Node

Product Number (SKU)	R2G96A
Number of processors	1 or 2 Intel Xeon® Scalable Processors, depending on configuration
Cores	8 to 28 cores per processor, depending on processor selected
Memory	128 GB to 3,072 GB per node, depending on configuration
Storage	<ul style="list-style-type: none"> - Select one storage kit for the node - Choose either read intensive or mixed use drive configuration <p>Read Intensive</p> <ul style="list-style-type: none"> - Qty 1 of Q9Y49A (6x1.92 TB) is required for HPE SimpliVity 380 G 6x SSD - Qty 2 of R2Z28A (4x1.92 TB) is required for HPE SimpliV
Ports	Ethernet 1 Gb LOM embedded, 10 Gb FLOM
Power	<ul style="list-style-type: none"> 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
Form factor	2U
Warranty	Server Warranty includes 3-year parts, 3-year labor, 3-year onsite support with next business day response. Additional information regarding worldwide limited warranty and technical support is available at: https://techlibrary.hpe.com/us/en/enterprise/servers/warranty/



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

HPE POINTNEXT

Access expertise at every step of your IT journey with [HPE Pointnext Services](#). [Advisory Services](#) focuses on your business outcomes and goals, to design your transformation and build a roadmap tuned to your unique challenges. Our [Professional](#) and [Operational Services](#) help speed up time-to-production and keep your IT stable and reliable.

Operational Services from HPE Pointnext Services

- [HPE Datacenter Care](#) helps modernize and simplify IT operations. Partner with an assigned account team, access technical expertise, an enhanced call experience gives you priority access, choose hardware and software support, implement proactive monitoring to help stay ahead of issues, and access HPE IT best practices and IP.
- [HPE Proactive Care](#) offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). [Read more](#)
- [HPE Foundation Care](#) helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. [Read more.](#)

Other related services

[Defective Media Retention](#) is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

[HPE Service Credits](#) offers a menu of technical services, access additional resources, and specialist skills.

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation.

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

HPE GREENLAKE

[HPE Greenlake](#) is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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