

HPE SimpliVity and APC Reference Design

HPE SimpliVity brings cloud agility, scalability & simplicity to Enterprise Data Centers. Speed application and improve efficiency with the HPE Hyperconverged Platform. Together with APC compatible physical infrastructure solutions that are integrated, pre-engineered and pre-validated, lower time-to-market and deployment. Simplify and reduce IT Costs.

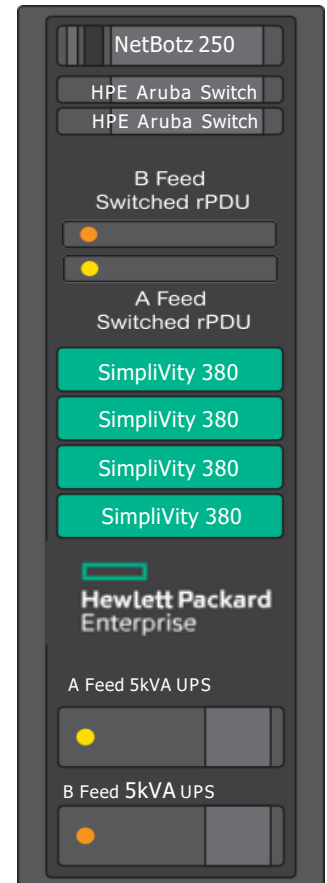
Managed by VMware®vCenter™ and combining virtual machines, storage and local backup all-in-one, each HPE SimpliVity hyperconverged node contains:

- Dual Intel Xeon E5-2667 v4 8 Core processors
- 384 GB memory
- 6.2 TB of usable all-flash (SSD) capacity in high availability (except single node deployments)
- Industry-leading deduplication and compression, backed by [HPE's HyperGuarantee](#), promising a minimum of 10:1 efficiency
- HPE's best-in-class support

Enterprise Solution

for data center environments

Enterprise Solution Details		
HPE SimpliVity	4	Q8D81A 380 Gen10 Node
HPE Switch	2	Aruba 3810M with Stacking Module
Rack*	1	AR3100SP NetShelter SX 42U with ShockPallet
<i>*A soundproof and passive air solution can also be configured for our CX 18U & 24U.</i>		
UPS	2	SRT5KRMXLT Smart UPS 5000VA RM 208V
rPDU	2	AP8941 Rack PDU, Switched Zero U, 30A, 200/208V, (21) C13 & (3) C19
Power Cord Kit	1	AP8706S-NA Power Cord Kit (6 ea), Locking, C13 to C14, 1.8m, North America
NetBotz 250	1	NBACS125 NetBotz 125kHz Rack Access Control
Cable Management	1	AR8429 Horizontal Cable Organizer 1U w/ Brush Strip
Blanking Panels	1	AR8136BLK Toolless Airflow Management Blanking Panel – Qty 10
Options		
Software	StruxureWare Data Center Expert and Operation EcoStruxure IT Expert and IT Advisor	
Services	LifeCycle Services	
Office Rack Solution	NetShelter CX Product Family	



Complete Products

APC by Schneider Electric provides a complete data center physical infrastructure and management software in a single self-contained and secure enclosure for converged and hyperconverged architectures, allowing organizations to simply and efficiently deliver a complete and highly energy-efficient IT solution that is pre-tested, optimized, and able to be rapidly deployed.

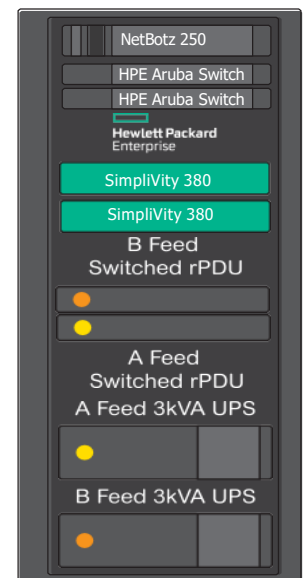
Certainty in a Connected World

APC's proven industry leadership and collaborative technology provide integrated solutions for the transformation of IT. These solutions enable connectivity, reliability, and accessibility through validation and certifications with the largest IT vendors and alliances.

Remote Office/Branch Office and SMB Solutions

for smaller, distributed IT environments outside of the data center

Remote Office/Branch Office and SMB Solution Details		
HPE SimpliVity	2	Q8D81A 380 Gen10 Node
HPE Switch	2	Aruba 2930M with Stacking Module
Rack*	1	AR3104SP1 NetShelter SX 24U with Shock Pallet
<i>*A soundproof and passive air solution can also be configured for our CX 18U & 24U.</i>		
UPS	2	SMX3000RMLV2UNC Smart UPS X 3000VA Rack/Tower LCD 100-127V with Network Card
rPDU	2	AP7902B Rack PDU, Switched 2U, 30A, 120V, (16) 5-20
NetBotz 250	1	NBACS125 NetBotz 125kHz Rack Access Control
Cable Management	1	AR8429 Horizontal Cable Organizer 1U w/brush strip
Power Cord Kit	1	AP9891 Power Cord Kit (5 ea.), C13 to 5-15P, 0.6m
Blanking Panels	1	AR8136BLK Toolless Airflow Management Blanking Panel – Qty 10
Options		
Software		StruxureWare Data Center Expert and Operation EcoStruxure IT Expert and IT Advisor
Services		LifeCycle Services
Office Rack Solution		NetShelter CX Product Family



*Configurable via Local Edge Configurator on Design Portal: designportal.apc.com

Complete Management:

Management tools from APC by Schneider Electric seamlessly integrate with the IT hardware allowing for remote management, reducing the need and cost of on-site IT support staff.

apc.com/HPE-alliance

Life Is On



1. VMware vSphere® is required on a per-processor basis. Customers can leverage existing licenses or buy new ones from HPE.
2. VMware vCenter is required. Typically customers may already connect to one in their central data center.
3. A separate server for the HPE SimpliVity arbiter is required to provide a "witness." Customers typically deploy this in their central data center on a physical server (or as a VM) that they already have available.