

Nutanix on HPE® ProLiant®
and Apollo® Servers Provide
Powerful Building Blocks for
Your Enterprise Cloud

Nutanix™ and HPE® Bring Enterprise Cloud OS Software to HPE® Servers

USE CASES

Enterprise Applications: Deploy and scale your critical workloads, such as Microsoft® SQL, Oracle® and SAP® business applications.

Messaging, Collaboration and UC: Proven deployments for Microsoft Exchange®, collaboration tools such as SharePoint® and major UC vendors, including Avaya®, Cisco®, and Microsoft®.

Virtual Desktop Infrastructure: Make VDI a success by delivering excellent user performance and scalability without burdensome operational and high capital costs.

Big Data Analytics: Applications linearly scale as your needs grow, enabling a pay-as-you-grow model for scaling without over-provisioning compute or storage.

Cloud: Deliver an efficient private and hybrid cloud with Nutanix Calm, VMware®, Microsoft® or OpenStack® based solutions.

Data Protection: Full remote replication plus back up VMs and data to your local systems, to a remote site or the cloud.

Development & Test: Engineering and QA get their own efficient high-performance VMs with access to private copies of production databases and data.

HPE® ProLiant® and Apollo® customers can move up to the full benefits of an on-premises cloud computing environment to nimbly and efficiently keep pace with the application needs of their business. With the Nutanix Enterprise Cloud OS software capabilities on HPE® ProLiant® and Apollo® servers, customers can run any workload at any scale on their own in-house cloud vending machine.

Nutanix Enterprise Cloud software leads the industry with a combination of multiple hypervisor support, advanced data optimization, web-scale design including scale-out storage services, predictive capacity planning, one-click software upgrades and much more.

HPE® ProLiant® and Apollo® servers have been extensively tested and certified by Nutanix to run business-critical applications at scale on Nutanix Acropolis™ and Prism™ software. Deployments are fully supported by HPE® for hardware, and Nutanix™ global support for the software, covering the entire IT life-cycle, including initial installation, infrastructure scaling and troubleshooting.

SOLUTION BENEFITS

• IT Efficiency

Improve IT utilization and reduce costs by consolidating application infrastructure silos.

• Decreases Footprint

Converges compute, storage, and virtualization, eliminates separate storage systems, and reduces power, space, and cooling.

• Accelerates Deployment & Simplifies Management

Installed in less than a few hours and manageable by IT generalists, the solution is ideal in environments where IT expertise is limited.

• Scales to Meet Growing Demands

Additional storage capacity and compute can be added quickly with predictable results.

• Provides the Highest Availability

Infrastructure self-heals from drive and server failures—critical for environments where service may be delayed. Software and firmware updates are simple and non-disruptive.

• Delivers Maximum Security

Nutanix systems are certified across a broad set of security evaluation programs to ensure compliance with the strictest standards.

• Offers Unparalleled Performance & Efficiency

Advanced Intel processors and dense flash storage, couple with Nutanix web-scale design deliver predictable performance for a wide-range of industry workloads, including those in financial services, healthcare and manufacturing.

Nutanix Enterprise Cloud Platform™ Software on HPE® ProLiant® and Apollo® Servers

SUPPORTED PLATFORMS

Server Model ¹	Disk Bays ² Form Factor	Maximum Drive Configs	VDI, Middleware & Web Services	Storage Heavy & Server Virt.	High Performance, Exchange & Large Databases
Apollo® r2600 XL170r-Gen10	6x SFF 2U4N	2/4/6x SSD (All-Flash) 2x SSD, 4x HDD (Hybrid)	✓	✓	✓
ProLiant® DL360-Gen10	8x SFF 1U1N	8x SSD (All-Flash)	✓		
ProLiant® DL380-Gen10	2x SFF, 12x LFF 2U1N	2/4x SSD 4-12x HDD (Hybrid)		✓	
ProLiant® DL380-Gen10	26x SFF 2U1N	4x SSD 4-22x HDD (Hybrid)			✓

¹HPE® ProLiant® G9 platforms are also supported. See HCL for full details.

²SFF=2.5-inch drives, LFF=3.5-inch drives

The Nutanix and HPE® solution supports multiple hypervisors including AHV and VMware ESXi™. With Nutanix on ProLiant® and Apollo® servers and Nutanix's native AHV hypervisor with integrated virtualization management, you reduce virtualization costs.

Nutanix software deployment on HPE® ProLiant® and Apollo® servers is controlled by a detailed [Hardware Compatibility List \(HCL\)](#). This HCL is maintained by Nutanix and is continually updated.

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Nutanix makes infrastructure invisible, elevating IT to focus on the applications and services that power their business. The Nutanix enterprise cloud platform leverages web-scale engineering and consumer-grade design to natively converge compute, virtualization and storage into a resilient, software-defined solution with rich machine intelligence. The result is predictable performance, cloud-like infrastructure consumption, robust security, and seamless application mobility for a broad range of enterprise applications. Learn more at www.nutanix.com or follow us on [Twitter @nutanix](https://twitter.com/nutanix).

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