Nutanix™ Enterprise Cloud with HPE® ProLiant® DX Systems

Nutanix on HPE® ProLiant® DX Appliances Provide Powerful Turnkey Building Blocks for Your Enterprise Cloud

USE CASES

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

End User Computing:
Make virtual desktop infrastructure (VDI) a success by delivering excellent user performance and scalability without burdensome operational and high capital costs.

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

File & Object Storage and Analytics/AI/ML:
Data sets and analytics easily scale as your needs grow, enabling better understanding of your customers and operational trends to run your organization.

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

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

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

The Nutanix™ and HPE® partnership enables IT teams to move up to the full benefits of on-premises cloud computing environments to nimbly and efficiently keep pace with the application needs of their business. With the Nutanix Enterprise Cloud software factory pre-installed on HPE® ProLiant® DX systems, customers can run any workload at any scale and instantly provision their own private or hybrid cloud.

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 lifecycle management upgrades and much more.

HPE® ProLiant® DX systems have been extensively tested and validated jointly by Nutanix and HPE® to run business-critical applications at scale on Nutanix Acropolis™, AHV™ and Prism™ software. Deployments are fully supported by HPE® for hardware, and Nutanix™ for the software, covering the entire IT from initial installation, infrastructure upgrades, scaling and troubleshooting.

SOLUTION BENEFITS

IT Efficiency
Decrease infrastructure footprint by converging compute, storage and virtualization. Consolidating application infrastructure silos reduces infrastructure, power, space and cooling costs.

Fast Time-to-Value
Nutanix Acropolis OS and AHV software is factory pre-installed on HPE ProLiant DX systems enabling fast and simple infrastructure deployments.

Scale to Meet Growing Demands
Additional storage capacity and compute can be added quickly with predictable results.

Simple Management
One-click non-disruptive lifecycle management of Nutanix software, hypervisor and HPE Service Pack for ProLiant (SPP) firmware. Manage the entire HPE system infrastructure as one in Nutanix Prism.

NUTANIX™

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.

Wide Platform Configurability
Configure-to-order HPE ProLiant® DX systems options includes wide array of processors, memory, storage types and capacities.

Offers Unparalleled Performance & Efficiency
Advanced industry standard x86 processors from Intel and AMD and dense flash storage, coupled with Nutanix web-scale design deliver predictable performance for a wide range of industry workloads, including those in financial services, healthcare and manufacturing.

Enables Customer Choice †
Select your hypervisor of choice, from the pre-installed Nutanix AHV, VMware ESXi™ or Microsoft Hyper-V™.

NUTANIX ENTERPRISE CLOUD SOFTWARE ON HPE® PROLIANT® DX SYSTEMS
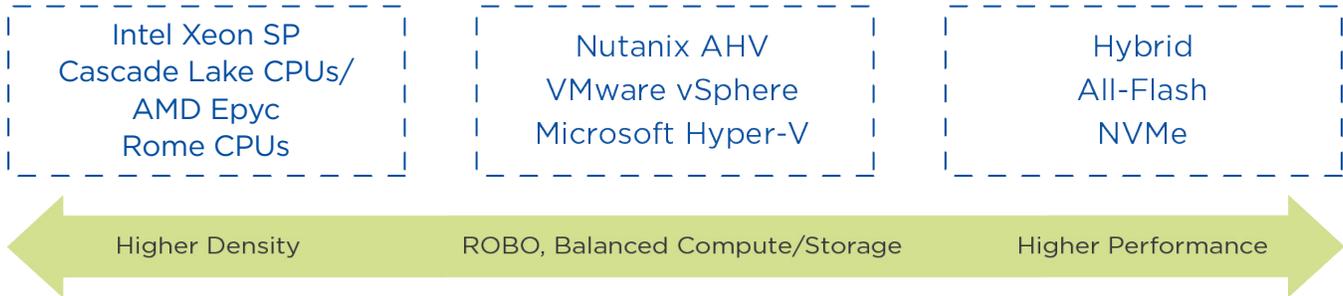
HPE ProLiant DX Gen10 Family

DX2600 w/DX170r
DX2200 w/DX170r
DX2200 w/DX190r

DX360 8SFF
DX360 4LFF

DX380 24SFF
DX380 12LFF
AMD DX385 12LFF **Q3 CY20**
DX380 8SFF

DX4200 24LFF
DX560 24SFF

Intel Xeon SP Cascade Lake CPUs/ AMD Epyc Rome CPUs	Nutanix AHV VMware vSphere Microsoft Hyper-V	Hybrid All-Flash NVMe

Higher Density   ROBO, Balanced Compute/Storage   Higher Performance

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† Customers must provide any additionally required licenses for VMware™ or Microsoft® hypervisors.

NUTANIX™
YOUR ENTERPRISE CLOUD

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