

Cisco UCS® Servers Seamlessly
Fold into Nutanix™ Hyper-
converged Infrastructure

Nutanix™ Brings Enterprise Cloud OS Software to Cisco UCS®

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.

"Deploying Nutanix was an out of the box experience" states Rishi Sewnundun. "We initially set out to deploy a hyperconverged solution and ended up with a whole lot more than that - it gave us a web-scale solution when everyone is still talking about hyperconvergence."

— Rishi Sewnundun
Head of IT,
The Mauritius Union Group

Cisco UCS® customers can gain immediate access to the full breadth of the Nutanix Enterprise Cloud OS capabilities, including multiple hypervisor support, advanced data optimization, web-scale design including scale-out storage services, predictive capacity planning, one-click software upgrades and more.

Nutanix Acropolis™ and Prism™ have been extensively tested and proven on Cisco UCS® servers to run business-critical applications at scale. Cisco UCS® C-Series Rackmount and B-Series Blade servers are certified, including the latest M5 generation. Nutanix infrastructure deployments are fully supported by either Nutanix or Cisco® channel partners, depending on the nature of the issue (hardware or software).

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 OS Software on Cisco UCS® Servers

Available in Acropolis Pro and Ultimate Editions

	Disk Bays Form Factor ¹	Maximum Drive Configs	VDI, Middleware & Web Services	Storage Heavy & Server Virt.	High Performance, Exchange & Large Databases
B200-M4² (1U Half-width Blade)	2x SFF	2x SSD (All-Flash)	✓		
C220-M5SX (1U Server)	10x SFF	4-10x SSD (All-Flash)	✓		
C220-M4S (1U Server)	8x SFF	8x SSD (All-Flash) 2x SSD, 6x HDD (Hybrid)	✓		
C240-M5L (2U Server)	12x LFF, 2x SFF	2/4x SSD 4-12x HDD (Hybrid)		✓	
C240-M4L (2U Server)	12x LFF	2/4x SSD 10x HDD (Hybrid)		✓	
C240-M5SX (2U Server)	26x SFF	4x SSD 4-22x HDD (Hybrid)			✓
C240-M4SX (2U Server)	24x SFF	24x SSD (All-Flash) 4x SSD, 20x HDD (Hybrid)			✓

¹ SFF=2.5-inch drives, LFF=3.5-inch drives; ² See HCL for details on Blade enclosure

Configurations need to comply with the [Nutanix™ Hardware Compatibility List \(HCL\)](#).

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"By choosing Nutanix Enterprise Cloud software and Cisco UCS C-Series rackmount servers, I'm getting the best of both worlds. Nutanix is the leader in hyperconverged solutions, and Cisco is the leader in the server space."

- Rob Grimm, Director of Information Systems, Waste Pro USA



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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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