

Cisco UCS® Servers
Seamlessly Fold into
Nutanix™ Hyperconverged
Infrastructure

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 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

Nutanix™ Brings Enterprise Cloud Platform to Cisco UCS®

Cisco UCS® customers can gain immediate access to the full breadth of the Nutanix Enterprise Cloud Platform™ 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.

Driven by strong demand, 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 servers are currently certified, with future certification and support for B-Series Blade servers currently in development. Deployment is fully supported by Nutanix™ global support and services teams throughout the entire IT lifecycle, 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 and 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 evaluation programs to ensure compliance with the strictest standards.

Offer unparalleled performance and 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 Financial Services, Healthcare, and more.

NUTANIX ENTERPRISE CLOUD PLATFORM™ SOFTWARE ON CISCO UCS® SERVERS

Available in Acropolis Pro and Ultimate Editions

Cisco UCS® Blade Chassis 5108 Enclosure*

6U Chassis

8 Half-width or
4 Full-width blade slots

Mounts in a 19-inch wide rack cabinet

Cisco UCS® Blade Server B200-M4 Nodes*

Half-height form factor

2 Drive Slots

All-Flash Storage

Fabric Support: UCS Domain
(Managed) Mode and UCS
6248/6296 Fabric Interconnects

Hypervisor Support: ESXi 5.5 &
6.0, AHV

Targeted Workloads: VDI,
Web Services, Distributed
Database

Blade Support under Development

Cisco UCS® Rackmount Server C220-M4S Nodes

1U Chassis

8 Drive Slots

Hybrid & All-Flash Storage
options available

Fabric Support: Standalone
Mode, UCS Domain (Managed)
Mode and UCS 6248/6296
Fabric Interconnects

Hypervisor Support: ESXi 5.5
& 6.0, AHV

Targeted Workloads: VDI,
Middleware, Web Services

Cisco UCS® Rackmount Server C240-M4L LFF Nodes

2U Chassis

12 Drive Slots

Storage-Only*, Hybrid &
All-Flash options available

Fabric Support: Standalone
Mode, UCS Domain (Managed)
Mode and UCS 6248/6296
Fabric Interconnects

Hypervisor Support: ESXi 5.5
& 6.0, Hyper-V, AHV

Targeted Workloads: Storage
Heavy, Server Virtualization

Cisco UCS® Rackmount Server C240-M4SX SFF Nodes

2U Chassis

24 Drive Slots

Storage-Only*, Hybrid &
All-Flash options available

Fabric Support: Standalone
Mode, UCS Domain (Managed)
Mode and UCS 6248/6296
Fabric Interconnects

Hypervisor Support: ESXi 5.5
& 6.0, Hyper-V, AHV

Targeted Workloads: Enterprise
Applications, Large Databases

Configurations need to comply with the Nutanix™ Hardware and Firmware Compatibility List (HFCL)

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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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