

# Steer your IT using the Nutanix<sup>™</sup> software-defined data center

Nutanix Enterprise Cloud  
on PRIMERGY®

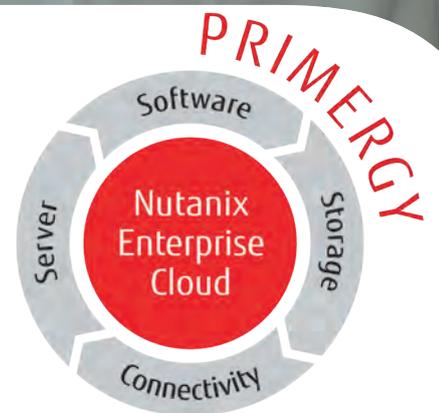
Multi-cloud infrastructures are freeing up the economics of IT. Unlike traditional infrastructures, an enterprise cloud spans multiple clouds from private to public to edge clouds, creating a next generation enterprise cloud data center that's even more cost-efficient, resilient, and adaptable to changing business scenarios.

Organizations are eager to find new and better ways for IT infrastructure to keep up with the demand for new applications. Trying to manage all the separate clouds from private to public to edge clouds is a challenge of complexity. However, Fujitsu can provide an enterprise cloud platform that spans all these clouds: the Nutanix Enterprise Cloud on PRIMERGY.

**Nutanix Enterprise Cloud on PRIMERGY** is a multi-cloud, multi-hypervisor platform that includes all the hardware and software to simplify procurement and deployment by using hyper-converged building blocks. It leverages high performance, energy-efficient FUJITSU PRIMERGY standard x86 servers and the software-defined compute, virtualization and storage technology in the Nutanix Acropolis cloud OS, Prism management and Calm orchestration. The result is reduced complexity and vastly superior TCO from this multi-cloud infrastructure environment.

Learn more about Nutanix Enterprise Cloud on PRIMERGY:  
<https://www.fujitsu.com/us/products/computing/integrated-systems/nutanix>

shaping tomorrow with you



#### The facts

- Deploy a cluster in under 15 minutes
- 250K+ IOPS per server
- Up to 4x greater storage efficiency
- Scale an endless number of systems and unlimited storage
- Mitigate risk with built-in resiliency
- Single console monitoring with simple one-click management
- Support for all leading hypervisors

**FUJITSU**

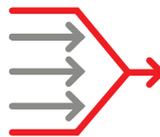
# Move to a more adaptable IT

As enterprises move to digital business processes spanning multiple clouds, data center operations are challenged to provide a responsive IT infrastructure that satisfies the increasing demand for better service levels. Nutanix Enterprise Cloud on PRIMERGY delivers the speed, flexibility, reliability and scalability across multiple clouds necessary to deploy a more adaptable IT that's aligned to future business needs.



## Need for speed?

Nutanix Enterprise Cloud on PRIMERGY provides support for industry-leading hypervisors, including the built-in Nutanix AHV hypervisor in combination with high speed flash disk devices and high-throughput, low-latency networking technology. You can therefore set up a high-performance, responsive virtual IT infrastructure that provides consistent IOPS with sub-millisecond response times. In all-flash or hybrid disk configurations, Nutanix Enterprise Cloud on PRIMERGY easily exceeds 250,000 IO Operations per Second (IOPS).



## Simplify infrastructure setup

Once you have the systems mounted and cabled in a rack, the Linux® or Windows® operating system installed, and networking configured, you're looking at under 15 minutes to get the cluster configured.



## Simplify infrastructure management

No specialized skill or expensive training is required – perfect for environments such as remote or branch office locations with limited IT staff to even the most demanding enterprise data centers. Integrated load balancing automatically migrates overly busy VMs to other system nodes in the cluster to ensure service levels are consistent. The Nutanix Prism management tool provides continuous built-in monitoring and alerting, and APIs make it easy to collect rich, cluster-wide performance and capacity metrics. Nutanix Calm application lifecycle management and cloud orchestration accelerates application deployments into private or public cloud environments.



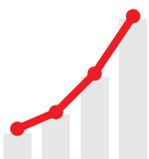
## Protect your business

Built-in resiliency handles drive, server or component failures – delivering continuous availability. If hardware fails, just swap it out; the software heals itself, with no complicated management steps.



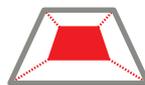
## Grow as you go

Scale your environment to an endless number of systems and unlimited storage. To scale out, simply add more system nodes. Nutanix Enterprise Cloud on PRIMERGY will automatically onboard new nodes and begin using them.



### Improve storage efficiency

Unique innovations offer better space and performance trade-offs than classic RAID configurations. Erasure coding and advanced compression deliver up to 4x greater storage efficiency.



### Save floor space, power and cooling

The convergence of compute and storage resources in an industry-standard server reduces your infrastructure footprint, saves floor space, power and cooling expenses.



### Reduce storage costs

Nutanix Enterprise Cloud on PRIMERGY uses on-board storage local to each node. This reduces costs and eliminates the need for extra tools and training for managing complex external SAN infrastructures.



### More time for value-added activity

Since server and storage management are consolidated, you can move valuable staff resources from infrastructure-related management tasks to activities that create business value.



### Flexible choice of leading hypervisors optimizes cost of virtualization

Customers can choose their preferred hypervisor ranging from the built-in Nutanix AHV to VMware® ESXi to Microsoft® Hyper-V® hypervisors. Customers have the option to also switch between hypervisors with a single-click migration.

# The benefits with Nutanix Enterprise Cloud on PRIMERGY



Nutanix Enterprise Cloud on PRIMERGY is fully tested and delivered on a high-performance and energy-efficient server platform for multiple leading hypervisor cluster environments – FUJITSU Server PRIMERGY powered by Intel® Xeon® processors. As well as excellent virtualization performance, the servers deliver the best economics in terms of density, energy consumption, heat dissipation and operating costs. In addition, Fujitsu provides intelligent and innovative system management solutions providing all the functions for fail-safe, flexible and automated 24x7 server operations.

## Support and financing

Fujitsu is your single point of contact for hardware and software. Fujitsu has introduced a unique solution identifier for Nutanix Enterprise Cloud on PRIMERGY that allows our support teams to make solution-level decisions when working with these robustly capable systems. For example, this enables us to route support calls to specialized, solution aware support engineers making for easier support interactions with speedier resolution times. Fujitsu Financial Services can also offer you a complete portfolio of IT leasing and financing solutions, trade-in and buy-back options.

“Nutanix has enabled us to build a highly available stack for mission-critical workloads that is easy to understand. We wanted to deploy a solution that is so simple to operate that customers could create their own VMs for a project, or expand their environment without our help. We get that by using Nutanix.”

**Joep Piscaer**  
CTO of OGD ict-diensten



	XF1070 (1U LFF)	XF3070 (1U SFF)	XF8050 (2U SFF)	XF8055 (2U LFF)	XF9050 (2U SFF)
<b>Nutanix Software</b>	Acropolis Cloud OS data services, PRISM management and more				
<b>CPU</b>	1x Intel Xeon Silver (42xx), Gold 5215	2x Intel Xeon Platinum (81xxx), Intel Xeon Gold (61xx, 51xx), Intel Xeon Silver (41xx)		4x Intel Xeon Platinum (81xxx), Intel Xeon Gold (61xx, 51xx)	
<b>GPU (for VDI)</b>	—			2x NVIDIA Tesla M10 or V100	—
<b>Memory</b>	64GB - 512GB	64GB - 3072GB		768GB - 6144GB	
<b>Storage</b>	4x 3.5" drives All-Flash and Hybrid	10x 2.5" drives All-Flash and Hybrid	24x 2.5" drives All-Flash, Hybrid and NVMe	12x 3.5" drives All-Flash and Hybrid	16x 2.5" drives All-Flash and Hybrid, NVMe
<b>Networking</b>	10GbE or 25GbE				
<b>Hypervisors</b>	Nutanix AHV, VMware ESXi				
<b>Scalability</b>	2 nodes (RoBo)	Unlimited # of nodes, storage and VMs supported			

## Your advantages

- Faster time to production for your cloud and virtual infrastructure
- Easy to order, deploy, operate and scale
- High performance, availability and Efficiency
- Grow as you go with no large upfront investments
- Reduce storage costs, save floor space, power and cooling expenses
- Security built-in from initial deployment and for on-going operations

## Learn more about Nutanix Enterprise Cloud on PRIMERGY:

→ <https://www.fujitsu.com/us/products/computing/integrated-systems/nutanix>

## Contact

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