

Steer your IT using the Nutanix software-defined data centre

PRIMEFLEX for Nutanix Enterprise Cloud

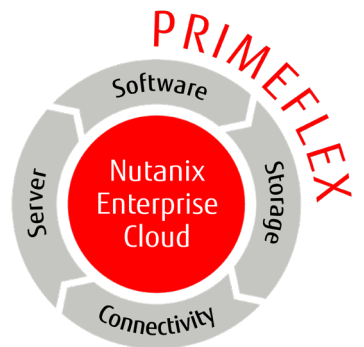
Multi-cloud infrastructures are freeing up the economics of IT. Unlike traditional infrastructures, an enterprise cloud spans multiple clouds from private to public to edge clouds, creating a next generation enterprise cloud data centre that's even more cost-efficient, resilient, and adaptable to changing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

Organisations 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 the these clouds: PRIMEFLEX for Nutanix Enterprise Cloud.

PRIMEFLEX for Nutanix Enterprise Cloud is a multi-cloud, multi-hypervisor platform that simplifies 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, virtualisation 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 PRIMEFLEX for Nutanix Enterprise Cloud:
www.fujitsu.com/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

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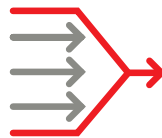
Move to a more adaptable IT

As enterprises move to digital business processes spanning multiple clouds, data centre operations are challenged to provide a responsive IT infrastructure that satisfies the increasing demand for better service levels. PRIMEFLEX for Nutanix Enterprise Cloud 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?

PRIMEFLEX for Nutanix Enterprise Cloud 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, PRIMEFLEX for Nutanix Enterprise Cloud 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 specialised 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 centres. 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.



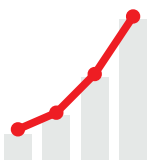
Protect your business

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. PRIMEFLEX for Nutanix Enterprise Cloud will automatically onboard new nodes and begin using them.



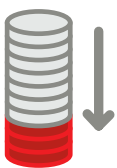
Improve storage efficiency

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

PRIMEFLEX for Nutanix Enterprise Cloud 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.



The benefits with PRIMEFLEX for Nutanix Enterprise Cloud



PRIMEFLEX for Nutanix Enterprise Cloud 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 virtualisation 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.

“We value Fujitsu as a strong solution partner who provided us with professional and expert support in our migration to a hyper-converged system based on Nutanix software and PRIMERGY server technology.”

Dietmar Hensch
Head of IT Services, Kramer & Crew

“With PRIMEFLEX for Nutanix Enterprise Cloud from Fujitsu, we have a completely integrated and future-proof hyper-converged infrastructure, which we can scale flexibly and administer easily.”

Bernhard Fahr
Technical Director,

GKV



	XF1070 (1U LFF)	XF3070 (1U SFF)	XF8050 (2U SFF)	XF8055 (2U LFF)
Nutanix Software	Acropolis Cloud OS data services, Prism management, and Calm orchestration			
CPU	1 x Intel Xeon Silver (42xx), Gold 5215	2 x Intel Xeon Platinum (82xx), Intel Xeon Gold (62xx, 52xx), Intel Xeon Silver (42xx)		
GPU (VDI)	-		2 x NVIDIA T4	2 x NVIDIA T4, M10 or V100
Memory	64GB-512GB	64GB-3072GB		
Storage	4x3.5" drive bays All-Flash and Hybrid	10x 2.5" drive bays All-Flash and Hybrid	24x 2.5" drive bays All-Flash and Hybrid	12x 3.5" drive bays All-Flash and Hybrid
Networking	10GbE or 25GbE			
Hypervisors	Nutanix AHV, VMware ESXi			
Scalability	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 PRIMEFLEX for Nutanix Enterprise Cloud:

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

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