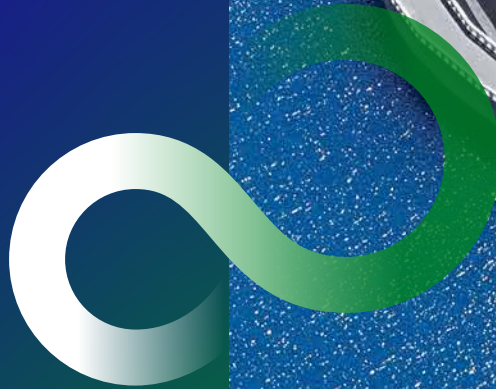


# Fast track to Nutanix HCI

FUJITSU



## 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 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: PRIMEFLEX for Nutanix Enterprise Cloud.

**PRIMEFLEX for Nutanix Enterprise Cloud** 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 PRIMEFLEX for Nutanix Enterprise Cloud:

[www.fujitsu.com/nutanix](http://www.fujitsu.com/nutanix)



### 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

NUTANIX

# 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. 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.



## 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.



## 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.



## 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.



### **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.

## Fujitsu Implementation Services

To enable a fast time to production of your PRIMEFLEX for Nutanix Enterprise Cloud solution, Fujitsu offers a standardized ImplementationPack with a single order code and price tag covering the creation of a low-level design, the installation including all hardware and software components, the option to deploy workloads provided by the customer, and the handover of all documentation upon successful completion of the project. The new PRIMEFLEX Implementation Desk along with the easy-to-use web-based PRIMEFLEX Deployment Portal makes infrastructure deployment faster, more reliable and secure. Experience from many successful project implementations clearly shows that a well-executed and documented implementation is an important pre-requisite for delivering high-quality infrastructure support services and ultimately for improved customer satisfaction.

## Fujitsu Infrastructure Support

Fujitsu is your single point of contact for PRIMEFLEX for Nutanix Enterprise Cloud. With the Fujitsu SolutionPacks, Fujitsu provides a standardized infrastructure solution support offering that goes beyond just support for single hardware and software components. It covers also the dependencies between the individual components of the technology stack. A unique solution identifier for PRIMEFLEX for Nutanix Enterprise Cloud allows our support teams to make solution-level decisions when working with these sometimes complex 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 Solutions

Fujitsu offers a complete range of financing solutions, such as IT leasing, trade-in, buy back or even cloud-like financing models. With Fujitsu uSCALE, the pay-per-use consumption model is no longer a domain of the cloud. Fujitsu is now helping organizations to achieve pay-per-use agility across their entire IT landscape, including their on-premises data center.

## Choice of delivery options

To ensure a smooth deployment and easy maintenance of your integrated system, PRIMEFLEX for Nutanix Enterprise Cloud includes a mandatory on-site implementation service and an infrastructure solution support service that provides a single point of contact for support of the complete technology stack. Companies who have sufficient resources in their IT department to deploy and maintain the IT infrastructure on their own, can choose the PRIMEFLEX Essentials option without an implementation service and infrastructure solution support. The choice is yours – simply select the delivery option you need.



**PRIMEFLEX**

Implementation Services

Infrastructure Support



**PRIMEFLEX Essentials\***

\*Certified hardware & software including component support



	XF1070 (1U LFF)	XF3070 (1U SFF)	XF8050 (2U SFF)	XF8055 (2U LFF)	XF9050 (2U LFF)
<b>Nutanix Software</b>	Acropolis Cloud OS data services, Prism management, and more				
<b>CPU</b>	1 x Intel Xeon Silver (43xx), Gold (53xx)	2 x Intel Xeon Platinum (83xx), Intel Xeon Gold (63xx, 53xx), Intel Xeon Silver (43xx)		4x Intel Xeon Platinum (82xxx), Intel Xeon Gold (62xx, 52xx)	
<b>GPU (VDI)</b>	-	-	4 x NVIDIA Tesla T4	6 x NVIDIA Tesla T4, 2 x NVIDIA A16, A100, A40 or A10	-
<b>Memory</b>	64GB-1024GB	64GB-4096GB		768GB-6144GB	
<b>Storage</b>	4x3.5" drive bays All-Flash and Hybrid	10x 2.5" drive bays All-Flash and Hybrid	24x 2.5" drive bays All-Flash, Hybrid and NVMe	12x 3.5" drive bays All-Flash and Hybrid 6 x 3.5" drives VDI	16x 2.5" drives All-Flash and Hybrid, NVMe
<b>Networking</b>	10GbE or 25GbE				

The data in the table covers the current maximum support on XF models. For more information, please check the datasheets.

## 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: [www.fujitsu.com/nutanix](http://www.fujitsu.com/nutanix)

