

Nutanix Cloud Platform Software on KTNF Servers

KTNF servers running Nutanix software enable IT customers to keep pace by modernizing their data centers to run any application at any scale

USE CASES

Cloud:

Deliver an efficient private and hybrid cloud with Nutanix Clusters and Calm, VMware®, Microsoft® or OpenStack® based solutions.

End User Computing:

Make virtual desktop infrastructure (VDI) a success by delivering excellent user performance and scalability without burdensome operational and high capital costs.

Databases and Enterprise Applications:

Deploy and scale your critical workloads, such as Microsoft® SQL Oracle® and SAP® business applications.

File & Object Storage and Analytics/AI/ML:

Data sets and analytics easily scale as your needs grow, enabling better understanding of your customers and operational trends to run your organization.

Data Protection:

Full remote replication plus back up VMs and data to your local systems, to a remote site or the cloud

Nutanix and KTNF have collaborated to test and validate that the KTNF KR580S1-308N server successfully runs Nutanix Cloud Platform software. This validation assures customers that KTNF and Nutanix can flawlessly power customer's business critical applications and can run any workload at any scale on their hybrid or private cloud.

Nutanix hyperconverged infrastructure software is rated a leader in its product category by multiple leading industry analyst firms and is deployed by nearly 20,000 corporations and government organizations around the world. The Nutanix software popularity is due to the time it saves IT in deploying, scaling, protecting and managing infrastructure, thus freeing IT to focus on more strategic projects. Key features of Nutanix software running on KTNF servers include one-click management simplicity, support for block/file/object storage, optimized data placement across nodes, scale-out storage services, predictive capacity planning and more.

Deployments are fully supported by KTNF for hardware and Nutanix for software, covering the entire IT lifecycle from initial installation to infrastructure upgrades, scaling and troubleshooting. Both KTNF and Nutanix are members of the Technical Support Alliance Network (TSANet), a global collaborative alliance consisting of hundreds of companies working together to support mutual customers.

SOLUTION BENEFITS

IT Efficiency

Decrease infrastructure footprint by converging compute, storage and virtualization. Consolidating application infrastructure silos reduces infrastructure, power, space and cooling costs.

Simple Management

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.

Scale to Meet Growing Demands

Additional storage capacity and compute can be added quickly with predictable results.

Messaging, Collaboration and UC:
Proven deployments for Microsoft exchange®, collaboration tools such as SharePoint® and major unified Communications vendors, including Avaya®, Cisco®, and Microsoft®

Development & Test:
Engineering and QA get their own efficient high-performance VMs with access to private copies of production databases and data.

Full Data Services

Nutanix simplifies the complete IT stack between the hardware and the application with a range of offerings providing virtualization, multiple storage protocol support, network microsegmentation, workload orchestration and cloud cost optimization.

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.

Platform Configurability

Configure-to-order KTNF server options include a wide array of processors, memory, storage types and capacities.

Offers Top Performance & Efficiency

Advanced industry standard Intel processors and dense flash storage, coupled with Nutanix webscale design deliver predictable performance for a wide range of industry workloads, including those in financial services, healthcare and manufacturing.

NUTANIX CLOUD PLATFORM SOFTWARE ON KTNF SERVERS



KTNF KR580S1-308N Server

2U Chassis with support for 8 LFF drives

2 x Intel Xeon (Cascade Lake / Skylake 8 cores+) CPUs

8/12/16/24 x DDR4 RDIMM Support (up to 64GB DIMMs)

All Flash: 8 x SSDs

Hybrid: 2 x SSDs + 6 HDDs

Boot - M.2 SATA

No integrated Ethernet port; 10GbE SFP+/BaseT PCIe card support

1 + 1 Redundant Power Supply

Hypervisor Support of Nutanix AHV



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