



Klas VoyagerVM 3.0 is Nutanix Certified

A rugged turnkey compute and communications solution for the tactical edge

The Klas VoyagerVM 3.0 powered by Nutanix is a rugged, tactical solution that combines compute, storage, and radio communications in an integrated package ideal for mobile command and control in austere environments.

To support the National Defense Strategy, senior military leaders are rethinking modernization priorities to support Intelligence, Surveillance, and Reconnaissance (ISR). One objective is to connect ISR sensors across all warfighting domains, and enable sharing of data at an accelerated speed. This enables US and Allied forces to outthink, outpace, and outmaneuver its adversaries.

It is vital that military deployments have reliable compute and communications technology at the tactical edge that provides data resiliency, integrity, and secure storage; however, this technology must also be rugged and easy to operate and maintain.

Nutanix and Klas have created an integrated, tactical solution ideal for mobile command and control in Denied, Distributed, Intermittent, and Limited (DDIL) environments. The Klas VoyagerVM 3.0, powered by Nutanix, enables communications on multiple radio networks as well as compute, storage, and critical analysis essential for a Common Operating Picture (COP) and Intelligence, Surveillance, and Reconnaissance (ISR). This turnkey solution delivers unprecedented simplicity and can be deployed without requiring specialized IT skills.

This solution includes hyperconverged infrastructure (HCI) from Nutanix. Military programs have turned to HCI to deliver IT services with the speed, operational efficiency, and agility of the public cloud. Nutanix is a five-time Gartner Magic Quadrant™* industry Leader in Hyperconverged Infrastructure Software (Nov. 2021).

KLAS VOYAGERVM 3.0 POWERED BY NUTANIX

VoyagerVM 3.0 is the latest generation of the Voyager compute platform based on Intel's XEON D architecture. It is designed to provide maximum performance while operating in temperatures up to 50° C | 122° F. This solution allows applications built for the datacenter to migrate to the edge of the network. VoyagerVM 3.0 supports Nutanix AHV and Microsoft Hyper-V and is VMware ready. Nutanix AOS is the foundation of the platform that starts with hyperconverged infrastructure and then adds built-in virtualization, storage services, virtual networking, and cross-hypervisor application mobility, creating a turnkey solution that can be deployed out-of-the-box in minutes.

With the Nutanix certification of the VoyagerVM 3.0 compute module, customers now have a wide range of choices when it comes to deployment configurations and Klas Voyager chassis, thanks to the qualification of single node clusters.

Nutanix integrates security into every step of its solution stack from the early stages of development. For example, the stack conforms to Security Technical Implementation Guides (STIGs), which maintain a security baseline configuration based on common standards established by the National Institute of Standards and Technology (NIST). STIGs use machine-readable code to automate self-healing and compliance with the security standards for AOS and AHV. Nutanix products were tested and selected for inclusion on the Department of Defense Information Network (DoDIN) [Approved products List \(APL\)](#).

Platform Models (with various memory config):

- KLAS-VOY-VM08X-R1 (8 core CPU, 48 GB RAM)
- KLAS-VOY-VM12X-R1 (12 core CPU, 48 GB RAM)
- KLAS-VOY-VM16X-R1 (16 core CPU, 48 GB RAM)
- KLAS-VOY-VM08X-96GB-R1 (8 core CPU, 96 GB RAM)
- KLAS-VOY-VM12X-96GB-R1 (12 core CPU, 96 GB RAM)
- KLAS-VOY-VM16X-96GB-R1 (16 core CPU, 96 GB RAM)



Features:

- Two 2.5" SSD slots (1.92TB, 3.84TB)
- NVMe-based VIK+ with 512 GB storage (Boot)
- Two 10 GB SFP+ ports
- Two 1 GB copper ports
- Rugged enclosure with active air cooling
- 1 or 3 node configuration

The KLAS VoyagerVM 3.0 powered by Nutanix software provides the performance, security, ease of use as well as compliance with mil-specs to support command centers or communications in theatre. Learn more at: <https://www.klasgroup.com/products/voyager-vm-3-0/>

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* Gartner, Magic Quadrant for Hyperconverged Infrastructure Software, Jeffrey Hewitt, Philip Dawson, Julia Palmer, Tony Harvey, 17 November 2021.



T. 855.NUTANIX (855.688.2649) | F. 408.916.4039
info@nutanix.com | www.nutanix.com | [@nutanix](https://twitter.com/nutanix)

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