

# Klas VoyagerVM 4.0

## Rugged Servers for the Extreme Edge

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# KLAS

**Solution Overview:** VoyagerVM 4.0 from Klas is a rugged enterprise grade server powered by the new embedded Intel® Xeon® D processor. The innovative design integrates the newest edge compute technology and exposes an expansion interface to support more agile, and open edge deployments. The rugged design of the VoyagerVM 4.0 allows it to operate continuously in power constrained and austere environments with wide-ranging ambient temperatures with no impact to performance. Its compact size makes it the ideal edge computing platform for heavy-industry, autonomous vehicles, smart transportation, and military applications. VoyagerVM 4.0 is the first compact module that supports the security architecture for different cloud and software vendor stacks, that can run compute-intensive applications of ML/AI in disconnected or intermittently connected environments. Engineered rugged, VoyagerVM 4.0 meets MIL standards to withstand dropping, shock, vibration, and extreme temperatures. The VoyagerVM 4.0 expansion interface allows for in-the-field reconfiguration by adding Graphics Processing Units (GPU), Network Attached Storage (NAS), and other future capabilities without the need for tools.

### Business Outcomes



**Empower rapid decision making** with an open platform of high-performance computing and networking.



**Enhance data capacity and processing** with four NVMe based storage devices that facilitate high-speed read and write operations and optimized data access.



**Amplify network flexibility and scalability** with the VoyagerVM 4.0 high-speed expansion interface and add-on modules deliver advanced capabilities with ease.

### Key Features

- **Processor:** Intel® Xeon® D processor (10 Cores)
- **Storage:** 4 X NVMe based self-encrypting drives
- **Networking:** 4 X SFP28 (100 Gbps throughput)
- **Expansion Interface:** PCIe 4.0

### Intel Products and Technologies

- [Intel® Xeon® D Processor Product Page](#)
- [Intel® Total Memory Encryption \(Intel® TME\) White Paper](#)
- [Intel® Software Guard Extensions \(Intel® SGX\) Product Page](#)
- [Intel® Network Ethernet Adapter 800 Series Product Page](#)

**Segment:**  
Edge

### Industries:

- Automotive
- Defense
- Heavy Industry
- Transportation
- Smart Cities

### Country/Geo:

- APAC
- EMEA
- North America

### Learn more:

- [Klas Website](#)
- [VoyagerVM 4.0 Product Page](#)