VOYAGER/VM 3.0

VoyagerVM 3.0 is the latest generation of the Voyager compute platform. Based around Intel's Xeon D architecture, it is designed from the outset to provide maximum performance while operating in temperatures up to 50º C.

VoyagerVM allows applications built for the datacenter to migrate to the edge of the network.

VoyagerVM supports Microsoft Hyper-V and is VMware Ready.

KEY FEATURES

Available with a choice of processors:

- Intel® Xeon® D-1539 8-core
  - 48 GB RAM with option to upgrade to 96 GB
- Intel® Xeon® D-1559 12-core
  - 48 GB RAM with option to upgrade to 96 GB
- Intel® Xeon® D-1577 16-core
  - 48 GB RAM with option to upgrade to 96 GB
- Two 2.5" SSD slots
- NVMe-based VIK+ with 512 GB storage

- Two 10 Gb SFP+ ports
- Two 1 Gb copper ports
- Rugged enclosure with active air cooling
- Supports Microsoft Hyper-V, Nutanix AHV, VMware ESX/ESXi and KlasOS Keel
- VMware vSAN and Nutanix AOS certified
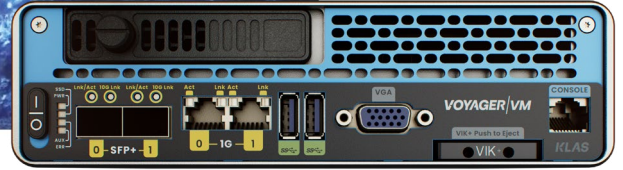- BMC over Ethernet for secure centralized management

SECURE **PORTABLE** **RUGGED**

KLAS

VOYAGER/VM 3.0

Specifications

PHYSICAL SPECIFICATIONS

- 7.4" W x 6.3" L x 2" H (188 x 160 x 52mm)
- 3.5 lb / 1.6 kg (without SSDs)

ELECTRICAL SPECIFICATIONS

- 9-36 VDC input
- Power consumption:
  - 8-core (D-1539): 55 W
  - 12-core (D-1559): 65 W
  - 16-core (D-1577): 65 W

CONSTRUCTION

- Aluminum chassis with integrated active cooling for increased temperature ranges

OPERATING TEMPERATURE RANGE

- -32° C to 50 °C
- 0° C to 50° C for 16-core option

STORAGE TEMPERATURE RANGE

- -40° C to 85° C
- -20° C to 80° C for 16-core option

PORTS

- 2 x 10 Gb SFP+ ports
- 2 x 1 Gb Ethernet ports
- 2 x SATA interfaces
- 2 x USB 3.0 interfaces
- VGA port

- RJ45 serial console port with hypervisor access
- Removable NVMe Voyager Ignition Key (VIK+) optional storage for hypervisor and/or configuration data

CPU OPTIONS

- Intel® Xeon® Processor D-1539 8-Core with 48 GB RAM (order time option of 96 GB RAM)
- Intel® Xeon® Processor D-1559 12-Core with 48 GB RAM (order time option of 96 GB RAM)
- Intel® Xeon® Processor D-1577 16-Core with 48 GB RAM (order time option of 96 GB RAM)

REMOVABLE STORAGE

- Removable SATA dual SSDs (SSDs not included and are quoted separately)
- Removable NVMe Voyager Ignition Key (VIK+)

SOFTWARE SUPPORT

Example supported software:

- KlasOS Keel KVM-based hypervisor
- VMWare ESXi 6.x
- Cisco NFVIS
- Nutanix AHV
- Cisco C8000v
- Cisco ASAv
- Riverbed Steelhead
- Palo Alto
- Windows Server

MANAGEMENT

- BIOS & hypervisor CLI over console
- BMC over Ethernet

COMPLIANCE

Compatible with:

- MIL-STD-810
- MIL-STD-461
- FCC Part 15 B
- CE
- RoHS, REACH

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