



# Voyager VM

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

VoyagerVM allows applications built for the datacenter to migrate to the edge of the network. VoyagerVM supports Microsoft Hyper-V and is VMware Ready.



Portable



Rugged



Low Power

COMMUNICATE MORE, CARRY LESS

**KLAS**

# Specifications

## Physical Specifications

- 7.4" W x 6.3" L x 2" H (188 x 160 x 52mm)
- 3.5 lb / 1.6 kg (with no SSDs)

## Electrical Specifications

- 9-36 VDC Input
- 55 W power consumption
- Power consumption:
- 4-core (D-1519): 45 W
- 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 to 50 °C
- 0°C to 50°C for 16-core option

## Storage Temperature Range

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

## Removable Storage

- Removable SATA Dual SSDs (SSDs quoted separately)
- Removable NVMe Voyager Ignition Key (VIK+)

## 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
- RJ-45 serial console port with hypervisor access
- Removable NVMe Voyager Ignition Key (VIK+) optional removable storage for hypervisor and/or configuration data

## Software Support

- KlasOS Keel KVM-based hypervisor
- VMware ESXi 6.x
- Cisco NFVIS with:
- Cisco KVM-based Hypervisor
- Cisco CSR 1000v
- Cisco ASA
- Riverbed Steelhead
- Palo Alto
- Nutanix AHV

## CPU Options

- Intel® Pentium® Processor D-1519 4-Core with 16 GB RAM (order time option of 96 GB RAM)
- 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)

## Management

- BIOS & Hypervisor CLI over console
- IPMI

## Compliance

- Compatible with:
  - MIL-STD-810G
  - MIL-STD-461F
  - FCC Part 15 B
  - CE
  - RoHS, REACH

# Key Features

- Available with a choice of processors:
  - Intel® Pentium® D-1519 4-core
    - 16 GB RAM with option to upgrade to 96 GB
  - 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

