Voyager NAS 3

VoyagerNAS 3.0 combines the powerful compute capabilities of VoyagerVM 3.0 with a removable eight bay SATA/SAS cassette.

Ingest data at 10Gbps and use the in-built compute to process it, all in a single box.

Portable

Rugged

Low Power

COMMUNICATE MORE, CARRY LESS

KLAS

Specifications

Physical Specifications
- .4" x 6.4" x 7.9" (188 x 162 x 201mm)
- 10.4 lb (4.7kg)

Electrical Specifications
- 12 VDC Input
- Power consumption:
  - 80 W Intel® Xeon® D-1539, no SSDs
  - 130 W including 8 x SATA SSDs
  - 200 W including 8 x SAS SSDs

Operating Temperature
- 0°C to 50°C

Construction
- Aluminum chassis

Processor Options
- Intel® Xeon® Processor D-1539 Broadwell-DE 8-Core Processor with 48 GB RAM
- Intel® Atom™ Denverton 3708 8-Core Processor with 48 GB RAM

Compliance
- Designed to:
  - MIl-STD-810G
  - MIL-STD-461
  - FCC CFR 47 Part 15 Subpart B Class A
  - RoHS Directive
  - REACH

Ports
- 8 x SATA/SAS 2.5" slots in removable 8-drive caddy
- Two 4 x SAS connectors to add additional 8 SSDs
- Removable NVMe Voyager Ignition Key (VIK+)
- 2 x 10Gb SFP+ Ports
- 2 x 1Gb Ethernet Ports
- 1 x VGA Port
- 2 x USB3.0 Ports
- 1 x RJ-45 serial console interface

Key Features

- Choice of processors:
  - Intel® Xeon® Processor D-1539 Broadwell-DE 8-Core Processor with 48 GB RAM
  - Intel® Atom™ Denverton 3708 8-Core Processor with 48 GB RAM
- Supercap based battery backed cache
- Intel® RSP3MD088F RAID Card connected via PCIe x 8 and supporting RAID Levels 0, 1, 10, 5, 50, 6, 60.
- Removable 8-drive bay with:
  - SATA / SAS support
  - 8 TB and 16 TB SATA SSDs available
  - Support for an additional eight SSDs via two 4 x SAS connectors
- Removable NVMe Voyager Ignition Key (VIK+)
- Self-encrypting drive support
- Supported across three Voyager module slots in either Voyager 8 or Voyager 8+ chassis

CISTECH SOLUTIONS

Phone   1300 300 340
Email   sales@cistechsolutions.com
Web   www.cistechsolutions.com

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