VOYAGER 8+ 750

As traditional reachback network architectures are supplemented by the need to analyse data on the edge of the network, your compute and communications requirements have grown.

Voyager 8+ 750 is used to power Voyager high-performance compute modules alongside the Voyager range of compact compute modules, networking and connectivity modules, and radio interface brackets. This provides access to the data that you need in theater and the ability to analyse and disseminate it.

Voyager 8+ 750 supports multiple configurations, enabling you to rapidly reconfigure as mission requirements change.



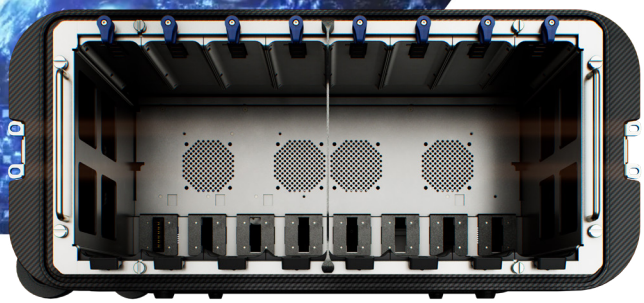
KEY FEATURES

- Supports the full range of Voyager network modules to provide:
  - Routing & switching
  - VoIP
  - Server virtualization
  - Radio integration
  - WAN acceleration
  - Storage
  - UPS
  - Satellite, terrestrial, and cellular backhaul
- Compute module on the rear of the Voyager 8+ 750 runs on Anduril Keel, providing features such as a Cisco-like CLI for management, SSH, SNMP, and a built-in hypervisor. Features include:
  - LCD display that can be configured to show battery status information
  - Monitoring of battery state and input power state via SMBus and PMBus
  - Reporting of battery and power state
  - User authentication, SSH access, etc. using the same KlasOS codebase as for Common Criteria approved products
  - Built-in KVM-based hypervisor to allow deployment of a GuestOS, such as a lightweight management suite to monitor installed modules
- Compatible with higher powered Voyager modules such as VoyagerHPC and GPU and storage expansion modules



VOYAGER|8+ 750

Specifications



ORDERING INFORMATION

Transit case and chassis:

- KLAS-VOY-CHAS8P-B

PHYSICAL SPECIFICATIONS

Transit case and chassis:

- 478 x 571 x 257 mm (18.8" x 22.5" x 10.1")
- 21.35 kg (47 lb) (excluding batteries)

TRANSIT CASE

CONSTRUCTION

- Aerospace-grade, carbon fiber monocoque built from single mold structure for maximum strength
- Milled aluminum handles
- O-ring seal around front and rear lids
- Pressure equalization valve

HANDLES AND WHEELS

- Retractable extension handle
- Handles on top and bottom of case
- Dual heavy duty plastic wheels

ORDERING INFORMATION

- Transit case only: KLAS-CASE-0019

CHASSIS

PHYSICAL SPECIFICATIONS

- 423 x 448 x 200 mm (16.6" x 17.6" x 7.9")
- 14.45 kg (31.9 lb)
- 5U 19-inch rack (additional chassis shelf required - sold separately)

ELECTRICAL INPUT SPECIFICATIONS

- 21-34 VDC (50 Amp max)
- 90-264 VAC (< 10 Amp at 100 VAC)
- Max input current of 10 Amp allowed for NEMA sockets

ELECTRICAL OUTPUT SPECIFICATIONS

- 8 x 12 VDC at 240 W and 28 VDC at 120 W. The total slot power is 710 W
- 8 x 52 VDC outputs in backplane for PoE support (PoE power available is 200 W)
- 2 x AC outputs available when AC input is present (these outlets are not filtered but are fused to 10 Amp. Please check the powered device for voltage range before use)

UPS

- 3 x BB-2590 batteries (available in high capacity for extended operation or lower capacity to comply with IATA regulations)

COMPUTE MODULE

- Intel Atom x5-E3930 dual core processor with 1.3 GHz core frequency up to 1.8 GHz
- 2 MB L2 cache
- 2 GB 2133 MT/s LPDDR4 onboard memory and 16 GB eMMC onboard flash
- 1 Gb Ethernet and console port interface

CONSTRUCTION

- Aluminum sheet metal
- Milled aluminum latches
- Eight Voyager network module slots (for use with or without Voyager 1+ attached to modules)

TEMPERATURE RANGE

- Operating: 14°F to 122°F (-10°C to 50°C)
- Storage: 14°F to 185°F (-10°C to 85°C)

COMPLIANCE

Designed to meet:

- IP67 case
- MIL-STD-810H
- MIL-STD-461G

