

# VOYAGER/GPU 3.0

UAV and CCTV video streams provide increased security in many locations today.

With VoyagerGPU 3.0, you can analyse video in real time for inference applications but also train your AI/ML models at the edge of the network.

Additionally, VoyagerGPU 3.0 can transcode up to 16 HD video streams for transmission over a low-bandwidth network.



## KEY FEATURES

- GPU options include:
  - NVIDIA Turing-based GPU options:
    - Quadro RTX 3000
    - Quadro RTX 5000
- CPU options include:
  - Xeon D 8-core
  - Xeon D 16-core
- Storage is provided by dual SATA 2.5" bay plus VIK+ for operating system
- 10 Gb networking capabilities



Portable



Rugged

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## Specifications



### ORDERING INFORMATION

- Part No: KLAS-VOY-GPU-RTX3K (8-core)
- Part No: KLAS-VOY-GPU-RTX5K (16-core)

### PHYSICAL SPECIFICATIONS

- 7.9" L x 7.4" W x 4.2" H (201 x 188 x 107 mm)
- 8.3 lb (3.75 Kg)

### ELECTRICAL SPECIFICATIONS

- 12 VDC input
- Power consumption:
  - NVIDIA Quadro RTX3000: 170 W
  - NVIDIA Quadro RTX5000: 200 W

### PORTS

- 4 x Display ports
- 2 x 10 Gb SFP+ ports
- 2 x 1 Gb Ethernet ports
- 2 x USB 3.0 ports
- 1 x VGA port
- 1 x Voyager Ignition Key (VIK+) port
- 1 x Console management port
- 1 x Dual SATA 2.5" slot

### TEMPERATURE RANGE

- Operating temperature: 0°C to 50°C (32°F to 122°F)
- Storage temperature: -40°C to 85°C (-40°F to 185°F)

### GPU OPTIONS

NVIDIA Turing-based GPU options:

- Quadro RTX 3000 with 2,304 CUDA Cores, 36 RT Cores & 288 Tensor Cores
- Quadro RTX 5000 with 3,072 CUDA Cores, 48 RT Cores & 384 Tensor Cores

### CONSTRUCTION

- Aluminum chassis

### COMPLIANCE

Designed to:

- MIL-STD-810
- MIL-STD-461
- FCC CFR 47 Part 15 Subpart B Class A
- RoHS Directive
- REACH

