

2U Compute Accelerator with NVIDIA Quadro M6000 GPUs

The CA4006 Compute Accelerator with four NVIDIA® Quadro® GPU accelerators is employed in a variety of HPC applications including oil and gas exploration, deep learning and financial services. Completely integrated with the GPUs most suited for a specific application, it's easy installation and tested reliability makes it superior to alternative products. The CA4006 occupies only 2U of rack space and connects directly to one or two host server(s) through the latest technology PCIe x16 Gen3 connection.

PN: OSS-PCIe3-2UX

Features

- 2U High
- One or two Rear Panel PCIe x16 Gen3 Interfaces
- Remote System Monitoring Capability; monitor fans, temperature and voltages
- Dual redundant 1620-watt Power Supplies
- Superior Cooling with five temperature controlled fans
- Choice of 1 to 4 NVIDIA Quadro M6000 24GB or 12GB GPUs



Specifications

Enclosure	
Dimensions	3.5"H x 17"W x 22.25" D Removable front bezel with air filter Front Panel LEDs
Capacity	Up to 4 NVIDIA Quadro M6000 24GB or 12GB GPUs
Power Supply	Dual redundant 1620W power supply (removable)
Expansion	One or two PCIe x16 1-meter cable(s) One or two PCIe x16 Gen3 cable adapter(s)
Cooling	Four 132 CFM fans (removable)
Operating Environment	1-35°C 10-90% relative humidity 0-10,000 feet above sea level
Storing Environment	-40 to 85°C Any relative humidity 0-50,000 feet above sea level
Agency Compliance	Pending: FCC Class A CE RoHS

Specifications	Quadro M6000 12GB	Quadro M6000 24GB
Peak Single Precision Performance	Up to 7 TeraFLOPS	Up to 7 TeraFLOPS
Number of GPUs	1 Maxwell GM200	1 Maxwell GM200
Number of CUDA Cores	3072	3072
Memory Capacity and Bandwidth	12GB GDDR5 at 317GB/s	24GB GDDR5 at 317GB/s
Power Consumption	250 W	250 W
Max Simultaneous Displays	4 direct, 4 DP 1.2 Multi-Stream	4 direct, 4 DP 1.2 Multi-Stream
Max DP 1.2 Resolution	4096 x 2160 at 60 Hz	4096 x 2160 at 60 Hz
Max DVI-I DL Resolution	2560 x 1600 at 60 Hz Max	2560 x 1600 at 60 Hz Max
DVI-I SL Resolution	1920 x 1200 at 60 Hz	1920 x 1200 at 60 Hz
Max VGA Resolution	2048 x 1536 at 85 Hz	2048 x 1536 at 85 Hz