

1U Compute Accelerator with GeForce GTX 1080 GPUs

The CA2007 Compute Accelerator with one or two GeForce GTX 1080 GPUs accelerators is employed in a variety of HPC applications including oil and gas exploration 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 CA2007 occupies only 1U of rack space and connects to the host server through the latest technology PCIe x16 Gen3 connection.

PN: OSS-PCIe3-1UX

Features

- 1U High
- One Rear Panel PCIe x16 Gen3 Interface
- Remote System Monitoring Capability; monitor fans, temperature and voltages
- 1620-watt Power Supply
- Superior Cooling with Eight 30 CFM Fans
- Choice of 1 or 2 GeForce GTX 1080 GPUs



Specifications

Enclosure	
Dimensions	1.75"H x 17"W x 22.25" D Front Panel LED One Rear panel PCIe x16 interface
Capacity	Up to two GeForce GTX 1080 GPUs
Power Supply	1620W power supply (internal)
Expansion	PCIe x16 1-meter cable PCIe x16 Gen3 cable adapter
Cooling	Eight 30 CFM fans (removable)
Operating Environment	0-35°C 10-90% relative humidity 0-10,000 feet above sea level
Storing Environment	-40 to 85°C 5-96% relative humidity 0-50,000 feet above sea level
Agency Compliance	Pending: FCC Class A CE RoHS

GTX 1080 Specs

Number of CUDA Cores	2560
Base Clock (MHz)	1607
Boost Clock (MHz)	1733
Memory Speed	10 Gbps
Standard Memory Config	8 GB
Memory Interface	GDDR5X
Memory Interface Width	256-bit
Memory Bandwidth (GB/sec)	320
GPU Power	180 W