

THE INTEGRATED GPU/SSD SERVER

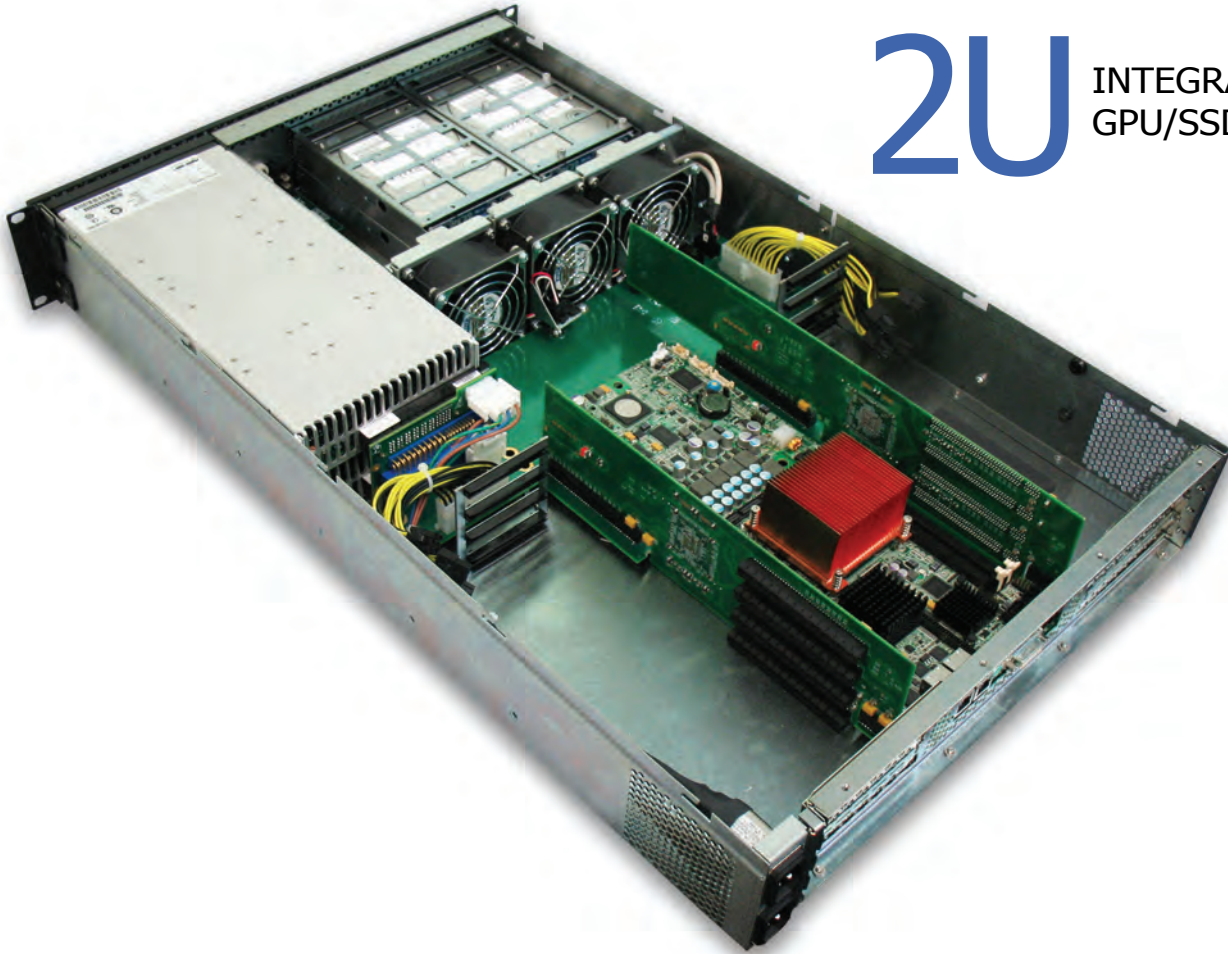


The first server to offer dual AMD six-core processors,
GPUs with 10TFLOPS compute power,
or 5TB SSD storage in only 2U of rack space

- Dual AMD Istanbul-based processor board
- Supports up to 10TFLOPS GPU processing
- Combine GPUs with SSD boards
- Dual 1500 watt power supplies
- Quad 3¹/₂" hot swappable drives

ONE STOP
SYSTEMS

2U INTEGRATED GPU/SSD SERVER



TECHNICAL SPECIFICATIONS

Enclosure

Dimensions: 17" x 3.5" x 28"
Cooling: Three 98cfm fans
Rack ears and rack slides included

PCI Expansion slots

Supports eight full-size, single wide or four double wide boards
80Gb/s throughput to each slot
PCIe 2.0 compliant

Power

Dual 1500 watt power supplies
Each slot provides 3.3V & 12V plus 6-pin 12V connector

Motherboard

Dual AMD® Opteron™ Six-Core Processors
Or Dual Intel® Quad-Core Processors
Supports 96GB DRAM
Dual 1GbE LANs

Operating environment

Temperature range: Operating 0°C to 50°C
Storage: -40°C to +85°C
Humidity: Operating 10% to 90% relative humidity
(non-condensing)
Non-operating: 5% to 95% relative humidity (non-condensing)
Altitude: Operating 0 to 10,000 feet
Storage: 0 to 50,000 feet

Agency compliance

FCC Class A
CE Mark
UL

Ordering Information

OSS-PCIe-2U-SYS-IS-2.4
Specify amount of DRAM required

System Host Board supports dual AMD 95W TDP AMD® Opteron™ processors Processor Socket F (1207). CPU provides low power consumption and heat dissipation.

Dual 1500 watt hot swappable, redundant power supplies provide ample power for eight GPUs or other high speed I/O cards.

Eight PCIe x16 Gen 2 slots provide 80Gb/s bandwidth to each slot in fully loaded system. Rear access provided to all I/O boards connectors.

Quad 3 1/2" hard disk drives provide additional RAID support.

I/O boards are easily accessible in system for replacement.