AMD FirePro™ S9170 Server GPU
The Best GPU for Compute Just Got Better

Key Features:
- Passively cooled solution for server environments
- AMD Graphics Core Next architecture
- 2,816 stream processors (44 compute units)
- 5.24 TFLOPS peak single-precision floating point
- 2.62 TFLOPS peak double-precision floating point
- Full throughput double-precision
- Error-correcting code memory support (external only)
- 32GB ultrafast GDDR5 memory
- 512-bit memory interface
- Up to 320GB/s memory bandwidth
- 275W maximum power consumption
- Support for SMBus temperature reporting at boot-up
- AMD PowerTune technology
- AMD STREAM technology
- OpenCL®, OpenGL support
- PCIe® x16 bus interface, PCIe 3.0 compliant
- Full-height/full-length dual-slot form factor
- Headless display support
- Linux OS support (64- and 32-bit)
- FCC, CE, C-Tick, BSMI, KCC, UL, VCCI, RoHS, and WEEE compliance
- Designed, built, and tested by AMD
- Planned minimum three-year life cycle
- Limited three-year warranty

Accelerate your most complex workloads in scientific computing, data analytics, or seismic processing, and witness the power of the world’s first 32GB server GPU, the AMD FirePro™ S9170. With industry-leading 32GB of GDDR5 memory and up to 2.62 TFLOPS of peak double-precision performance, the choice is clear.

Unparalleled GPU Compute Performance
The AMD FirePro S9170 features full throughput double-precision, enabling the card to achieve up to 2.62 TFLOPS of peak double-precision compute, making the AMD FirePro S9170 the fastest single-GPU server card available today. The AMD FirePro S9170 delivers up to 40% more performance in DGEMM heavy applications than the Tesla K80 dual-GPU card.

Industry-leading Memory Configuration
The AMD FirePro S9170 is the industry’s first server GPU with 32GB ultra-fast GDDR5 onboard memory – 2.7x the memory of the competition. It also features a 512-bit memory interface for up to 320GB/s of memory bandwidth, helping to improve overall workload speed and system responsiveness.

Future Ready
AMD is a firm believer and supporter of open standards such as OpenCL™, OpenGL, OpenMP™, and OpenACC® and supports these standards on the new AMD FirePro S9170. We believe most people in the HPC community want open standards as the de facto way of running their projects and simulations, and AMD is committed to supporting this goal, working extensively with partners within the community to drive open standards forward.
Buy a AMD FirePro S9170 today

Accelerate your most complex workloads in scientific computing, data analytics, or seismic processing and witness the power of the world’s first 32GB server GPU. Purchase your AMD FirePro S9170 Server GPU from Aspen Systems today!

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