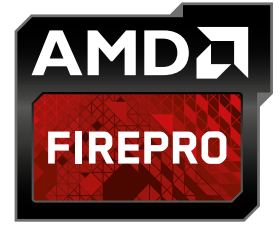


The Best GPU for Compute Just Got Better



Powers the
**Green500™ #1
Supercomputer¹**
*(the L-CSC cluster at the GSI research
facility in Darmstadt, Germany)*

**Supports
OpenCL™ 2.0**
The open standard
for compute
acceleration



**Memory
Leadership**
1st server card
to feature 32GB
of GPU memory



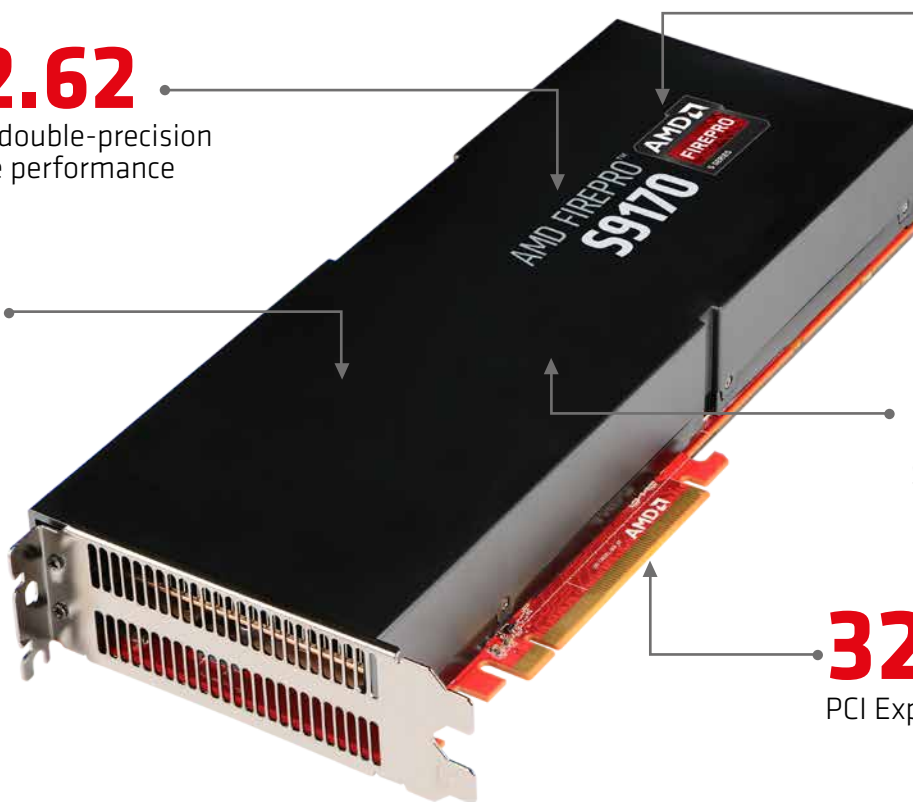
**GPU Compute
Leadership²**
1st server card to
deliver 2 TFLOPS
DGEMM Performance



AMD FIREPRO™ S9170

Up to **2.62**
TFLOPS double-precision
compute performance

**32GB
GDDR5**
GPU memory
Handles large data
sets with ease

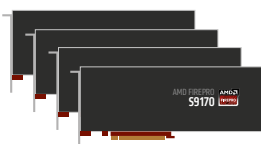


320GB/s
GPU memory
bandwidth

2,816
Stream Processors

32GB/s
PCI Express® 3.0 Connectivity

P2P
Multi-GPU
support
for HPC
clusters



GPU-optimized
OpenCL™
Libraries

**AMD STREAM
Technology**
Enabling GPUs for
compute-intensive workflows

1. November, 2014 Green500 List. See <http://www.green500.org/lists/green201411>

2. AMD FirePro™ S9170 delivers 2 TFLOPS DGEMM double precision performance, and Nvidia's highest performing card as of June, 2015, the Tesla K80, delivers 1.87 TFLOPS DGEMM double precision performance. Visit <http://www.nvidia.com/object/tesla-servers.html> for specs. SG/06/15