AMD FIREPRO™ PROFESSIONAL GPUS FOR HP SERVERS

DESIGNED WITH PERFORMANCE, POWER EFFICIENCY, AND RELIABILITY IN MIND

The AMD FirePro™ Server GPU Advantage

The AMD FirePro™ server GPU is designed for server environments to help accelerate HPC workflows found in academic and government clusters, oil and gas industries, deep neural networks, and much more. Designed for large-scale multi-GPU support, AMD FirePro™ server GPUs offer exceptional compute performance and unmatched performance-per-watt.[1]

AMD STREAM Technology

AMD STREAM Technology powers the ecosystem that enables AMD FirePro server cards to be used for compute-intensive workflows leveraging the massively parallel processing power of AMD GPUs, and to accelerate many applications beyond just graphics. AMD STREAM Technology is composed of fast single- and double-precision GPU compute performance, P2P multi-GPU support, bi-directional PCIe® 3.0 data transfers, and GPU-optimized OpenCL™ libraries.

AMD FirePro GPUs for HP Servers

Meet the world's best performance-per-watt server GPU. Delivering up to 10.8 GFLOPS double-precision performance-per-watt, the AMD FirePro™ S9150 is designed to handle virtually any demanding double-precision and large memory footprint workloads, with support for the latest OpenCL™ 2.0.

Those looking for a great single-precision, lower cost alternative to the AMD FirePro S9150 can turn toward the AMD FirePro™ W7100, offering 3.3 TFLOPS of single-precision compute performance, all from a single slot form factor, drawing 150 watts of total board power.

		AMD FIREPRO™ S9150	AMD FIREPRO™ W7100
FEATURES	OPENCL SUPPORT	2.0	2.0
	PEAK SINGLE-PRECISION	5.07 TFLOPS	3.3 TFLOPS
	PEAK DOUBLE-PRECISION	2.53 TFLOPS	206 GFLOPS
	GPU MEMORY	16GB GDDR5	8GB GDDR5
	TDP	235W	150W
	FORM FACTOR	DUAL SLOT, FULL LENGTH, FULL HEIGHT	SINGLE SLOT, FULL LENGTH, FULL HEIGHT
	AVAILABLE ON THESE HP MODELS	HP PROLIANT DL380 GEN9 HP PROLIANT XL250A GEN9	HP PROLIANT DL380 GEN9

HP PROLIANT DL380 GEN9

HP PROLIANT XL250A GEN9

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Footnotes:

1. AMD FirePro™ S9150 max power is 235W and delivers up to 2.53 TFLOPS peak double and up to 5.07 peak single precision floating point performance. Nvidia's highest performing single-GPU server card in the market as of March 2015 is the Tesla K40, max power of 235W, with up to 1.43 TFLOPS peak double and up to 4.29 peak single-precision compute performance. Visit http://www.nvidia.com/object/tesla-servers.html for Nvidia product specs. FP-97

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