



AMD FIREPRO™ W2100 & W4100 WORKSTATION GRAPHICS Competitive Comparison

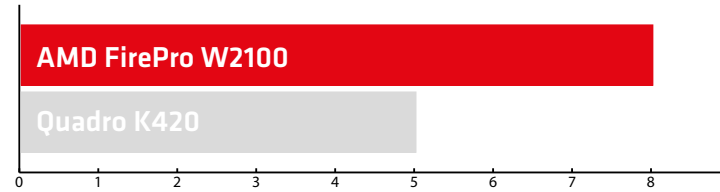


AMD FirePro™ W2100 Professional Graphics Starts here (\$139)

- 2GB DDR3 Memory (28.8GB/s)
- 320 GCN Stream Processors
- 2x DisplayPort 1.2a
- Half-Height Form factor (HH/HL)
- PCIe 3.0



vs. Quadro K420 (\$169¹) SPECviewperf 12.0.1 GEOMEAN²



	W2100	NVS 315	K420	Advantage
Cores	320	48	192	FirePro
Peak SPFP (TFLOPS)	0.403	n/a	0.336	FirePro
GPU Memory (GB)	2	1	1	FirePro
PCIe®	3	2	2	FirePro
Max Displays with DP1.2 ³	2	none	1	FirePro

AMD Advantage

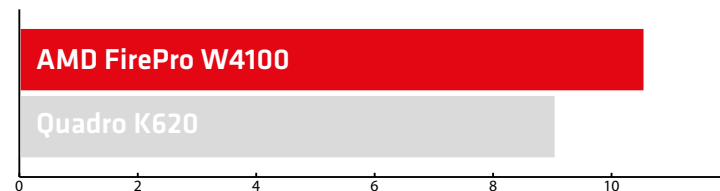
- + Lower Costs (~20% less)
- + Higher VP12 Performance
- + 2x GPU Memory
- + More cores

AMD FirePro™ W4100 In a Class of Its Own (\$179)

- 2GB GDDR5 Memory (64GB/s)
- 512 GCN Stream Processors
- 4x DisplayPort 1.2a
- Half-Height Form factor (HH/HL)
- PCIe 3.0



vs. Quadro K620 (\$199¹) SOLIDWORKS SPECapc AmbientOcclusion Composite²



	W4100	NVS 510	K620	Advantage
Cores	512	192	384	FirePro
Memory Bandwidth (GB/s)	64	29	29	FirePro
PCIe®	3	2	2	FirePro
Max Displays with DP1.2 ³	4	4	1	-

AMD Advantage

- + Lower Costs (~10% less)
- + Up to 20% more performance in CAD apps like SOLIDWORKS
- + More Cores
- + Up to 2x Memory Bandwidth
- + Less than half the price of NVS510



AMD FIREPRO™ W5100 & W7100 WORKSTATION GRAPHICS

Competitive Comparison



AMD FirePro™ W5100

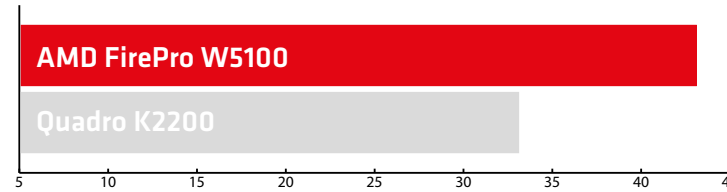
Tackle Larger Projects (\$399)

- 4GB GDDR5 Memory (96GB/s)
- 768 GCN Stream Processors
- 1.4 TFLOPS Peak Single Precision
- 4x DisplayPort 1.2a
- Single-slot Form factor (FH/HL)
- PCIe 3.0



vs. Quadro K2200 (\$599¹)

VP12 Creo_067_carShadedAA8²



	W5100	K2200	K620	Advantage
Cores	768	640	384	FirePro
Peak SPFP (TFLOPS)	1.4	1.3	0.8	FirePro
GPU Memory (GB)	4	4	2	FirePro
Memory Bandwidth (GB/s)	96	80	29	FirePro
PCIe®	3	2	2	FirePro
Max Displays with DP1.2 ³	4	2	1	FirePro

AMD Advantage

- + Lower Cost (\$200 less)
- + Up to 30% more performance in CAD apps like PTC Creo
- + More Cores
- + Quad-Display
- + Memory Bandwidth with PCIe 3.0

AMD FirePro™ W7100

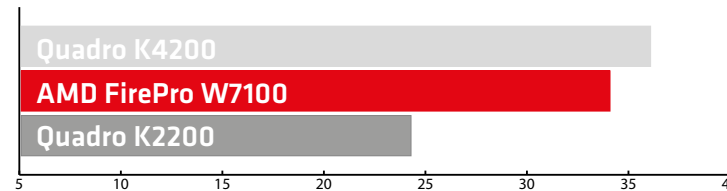
The Ultimate Engineering and Media and Entertainment Solution (\$799)

- 8GB GDDR5 Memory
- 1792 GCN Stream Processors
- 3.3 TFLOPS Peak Single Precision
- 4x DisplayPort 1.2a
- Single-slot Form factor (FH/FL)
- PCIe 3.0



vs. Quadro K4200 (\$1249¹)

SPECviewperf® 12.0.1 GEOMEAN²



	W7100	K4200	K2200	Advantage
Cores	1792	1344	640	FirePro
Peak SPFP (TFLOPS)	3.3	2.1	1.3	FirePro
GPU Memory (GB)	8	4	4	FirePro
PCIe®	3	2	2	FirePro
Max Displays with DP1.2 ³	4	2	2	FirePro

AMD Advantage

- + Best Price (\$450 less)
- + Higher VP12 Performance/\$
- + More Cores
- + 2x GPU Memory
- + More Compute
- + Up to 6 Displays
- + Single Slot Solution

1) Pricing: MSRP data collected October 15th, 2014. 2) SPECviewperf® and SPECcap® (composite graphics) tests are designed to test only GPU contributions to application performance. The contribution/dependency/importance of other system hardware such as hard drive, CPU, memory speed, etc. are effectively eliminated and do not impact the test results. Test System Configuration: AMD Internal testing. The following system was used for all performance benchmark testing Intel E5-1660 3.30GHz, 16GB RAM, Win7 Pro 64-bit SP1, Drivers: AMD 14.30 (E-0912) for W2100, W4100, W5100, W7100, Drivers: AMD 13.352.1014 for W8100, W9100, Drivers: Nvidia 340.66 for all Quadro cards 3) Using standard DisplayPort displays without built in MST hub
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