


# AMD FirePro™ 3D Product Comparison

[New Products](#)
[Click here to return](#)

	Entry					Mid-Range			
	FirePro™ V3800	FirePro™ V3900	FirePro™ V4800	FirePro™ V4900	FirePro™ V5800	FirePro™ V5800 DVI	FirePro™ V5900	FirePro™ W5000	FirePro™ W600
Memory Size	512MB	1GB	1GB	1GB	1GB	1GB	2GB	2GB	2GB GDDR5
Bus Interface	PCIe® x16	PCIe® x16	PCIe® x16	PCIe® x16	PCIe® x16	PCIe® x16	PCIe® x16	PCIe® x16	PCIe® x16
Number of Slots Required	1	1	1	1	1	1	1	1	1
Max Power (W) <sup>1</sup>	43	<50	69	<75	74	74	<75	75	75
Supplemental Power Requirement	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Number of Dual-Link DVI Outputs	1	1	1	1	1	2	1	1	0
Number of DisplayPort Outputs	1	1	2	2	2	0	2	2	6 Mini DP
Number of Displays Supported	2	5	3	3	3	2	3	3	6
Maximum Resolution Support (@ 60 Hz)	2560 x 1600	2560 x 1600	2560 x 1600	2560 x 1600	2560 x 1600	2560 x 2048 <sup>2</sup>	2560 x 1600	4096 x 2160 <sup>3</sup>	4096 x 2160 <sup>3</sup>
Stereo 3D Connector (3-pin DIN)								Yes	
Form Factor <sup>4</sup>	HH/HL	HH/HL	FH/HL	FH/HL	FH/FL	FH/HL	FH/FL	FH/FL	FH/HL
Framelock/ Genlock <sup>4</sup>									
ATI CrossFire™ Pro <sup>5</sup>					Yes	Yes	Yes	Yes	

	High End						Ultra High End		
	FirePro™ V7800	FirePro™ V7800P	FirePro™ V7900	FirePro™ W7000	FirePro™ V8800	FirePro™ W8000	FirePro™ V9800	FirePro™ V9800P	FirePro™ W9000
Memory Size	2GB	2GB	2GB	4GB	2GB	4GB	4GB	4GB	6GB
Bus Interface	PCIe® x16	PCIe® x16	PCIe® x16	PCIe® x16	PCIe® x16	PCIe® x16	PCIe® x16	PCIe® x16	PCIe® x16
Number of Slots Required	1	1	1	1	2	2	2	2	2
Max Power (W) <sup>1</sup>	138	138	<150	150	208	225	<225	<225	274
Supplemental Power Requirement	1 x 6-pin	1 x 6-pin	1 x 6-pin	1 x 6-pin	2 x 6-pin	2 x 6-pin	1x6-pin and 1x8-pin	1x6-pin and 1x8-pin	1x6-pin and 1x8-pin
Number of Dual-Link DVI Outputs	1	0	0	0	0	0	0	0	0
Number of DisplayPort Outputs	2	1	4	4	4	4	6	1	6 Mini DP
Number of Displays Supported	3	1	4	4	4	4	6	1	6
Maximum Resolution Support (@ 60 Hz)	2560 x 1600	2560 x 1600	2560x1600	4096 x 2160 <sup>3</sup>	2560 x 1600	4096 x 2160 <sup>3</sup>	2560 x 1600	2560 x 1600	4096 x 2160 <sup>3</sup>
Stereo 3D Connector (3-pin DIN)			Yes (with included expansion bracket)	Yes	Yes	Yes	Yes		Yes
Form Factor*	FH/FL	FH/FL	FH/FL	FH/FL	FH/FL	FH/FL	FH/FL	FH/FL	FH/FL
Framelock/ Genlock <sup>4</sup>	Yes		Yes	Yes	Yes	Yes	Yes		Yes
ATI CrossFire™ Pro <sup>5</sup>	Yes		Yes	Yes	Yes	Yes	Yes		Yes

\* FH = Full Height, HH = Half Height, HL = Half Length, FL = Full Length

1. Measured under 3DMarks2003.

2. Packed pixel mode.

3. Maximum DisplayPort 1.2 resolution of 4096 x 2160, 30 bits per pixel per display.

4. ATI FirePro™ S400 Synchronization Module required.

5. Specific power, chassis space, connector and resource requirements may apply. Check with system manufacturer to see if dual cards are supported.