	ATI Radeon HD 5970	ATI Radeon HD 5870	ATI Radeon HD 5850	ATI Radeon HD 5830	NVIDIA GeForce GTX 480	NVIDIA GeForce GTX 470
Process	40nm	40nm	40nm	40nm	40nm	40nm
Transistors	2.15 Billion	2.15 Billion	2.15 Billion	2.15 Billion	3.2 Billion	3.2 Billion
Engine Clock	725MHz	850MHz	725MHz	800MHz	700MHz	607MHz
Shader Clock	725MHz	850MHz	725MHz	800MHz	1848MH	1674MHz
SPs	2x1600	1600	1440	1120	480	448
Computer Performance	2x2.72TFLOPS	2.72TFLOPS	2.09TFLOPS	1.792 TFLOPS		
Texture Units 2x80	80	80	56	60	56	
Texture Fillrate	2x68Gigatexels/second	68GTexels/second	52.2GTexels/second	44.8GTexels/second	42GTexels/second	34GTexels/second
ROPs	2x32	32	32	16	48	40
Pixel Fillrate	2x27.2GPixels/second	27.2GPixels/second	23.2GPixels/second	12.8GPixels/second	33.6Gigapixel/second	24.3Gigapixels/second
Z Stencil	217.6GSamples/second	108.8GSamples/second	92.8GSamples/second	51.2GSamples/second		
Memory Type	GDDR5	GDDR5	GDDR5	GDDR5	GDDR5	GDDR5
Memory amount	2x1GB	1GB	1GB	1GB	1536MB	1280MB
Memory Data Rate	2x4.8GBps	4.8GBps	4GBps	4GBps	3.7GBps	3.35GBps
Memory Bandwidth	2x153.6GB/second	153GB/second	128GB/s	128GB/s 177.4GB/second	133.9GB/second	
Maximum board power	286W	188W	170W	175W	250W	215W
Price	$699	$394	$299	$239	$499	$349