



# Radeon™ HD 5800 Series



## KEY MESSAGES World's Most Powerful Graphics Card

- DirectX® 11 Benefits for Games
  - Better Performance - Multi-threading, DirectCompute 11
  - Better Visuals - Tessellation, Post-Processing, Shadows, HDR Texture Compression
  - Better Experience - DirectCompute 11, Physics and AI
- Immersive Gaming with ATI Eyefinity
- ATI Stream Accelerates the PC Performance
- Energy Efficiency

## HOT FEATURES

- More than 2.7 FLOPS Computer Power - World's Most Powerful Graphics
- Up to 24 mega-pixel HD Gaming - Redefine Gaming Experience
- First Fully Microsoft DirectX® 11 Compatible - Better Image Quality
- ATI Eyefinity Technology - Wider View, Support up to Three Monitors
- Advanced GDDR5 Memory for Better Game Play
- Energy Efficiency - 27W at Idle

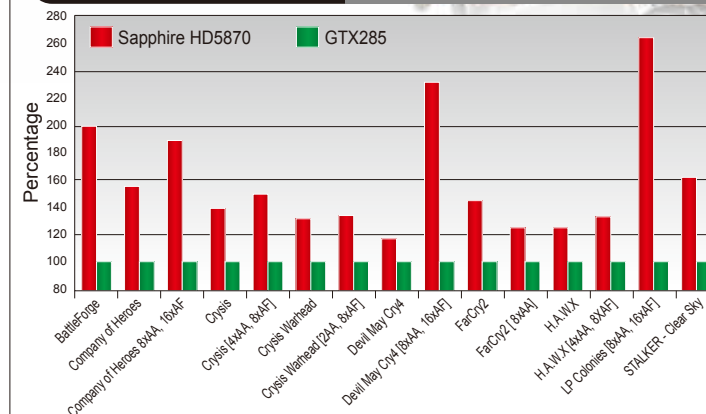
## PRODUCT SPECIFICATIONS

	SAPPHIRE HD 5870	SAPPHIRE HD 5850
Process	40nm	40nm
Engine Clock	850 MHz	725 MHz
Stream Processing Units	1600	1440
Compute Performance	2.72 TFLOPS	2.09 TFLOPS
Texture Units	80	72
Texture Fillrate	68.0 GTexels /s	52.2 GTexels /s
ROPs	32	32
Pixel Fillrate	27.2 GPixel /s	23.2 GPixel /s
Memory Type	GDDR5	GDDR5
Memory Clock	1,200MHz	1,000MHz
Memory Data Rate	4.8 Gbps	4.0 Gbps
Memory Bandwidth	153.6 GB/s	128.0 GB/s
Memory Interface	256-bit	256-bit
Memory Size	1GB	1GB
Graphics Bus Technology	PCI-E® 2.0	PCI-E® 2.0
Microsoft® DirectX® Support	10.1, 11	10.1, 11
External Connector	DP, HDMI, DVI+DVI	DP, HDMI, DVI+DVI
Form Factor	Dual Slot	Dual Slot

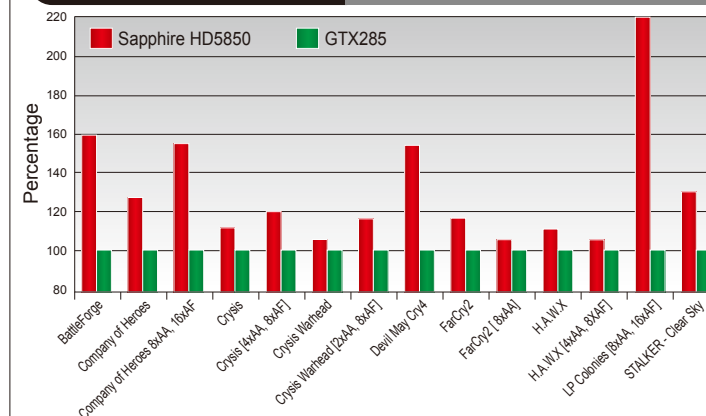


Game bundle:  
 HD5870 with DiRT™ 2™ coupon and Battlestations: Pacific game  
 HD5850 with DiRT™ 2™ coupon  
 Note: bundle subject to change without notice and while stock last.

## HD 5870 Performance



## HD 5850 Performance



## EXCELLENCE Over 1600 World Wide Awards since 2002



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