



RADEON HD 4800 Series



PRODUCT POSITIONING

Next-Generation Graphics for HD Gaming and HD Video

Designed for Performance and Enthusiast Market

Redefine HD Gaming

- Powerful TeraScale Graphics Engine delivers cinematic gaming experience
- Enhanced Anti-Aliasing & Anisotropic Filtering smooth jagged edges and create true-to-life graphics
- DirectX 10.1 support displaying life-like graphic
- ATI CrossFire™ Technology up to quad GPU support

- PCI Express 2.0 double the bandwidth of PCI-E 1.1

Go Beyond HD Video

- Unified Video Decoder 2 with low CPU utilization and full decode for H.264, VC-1, and MPEG-2
- HDMI with 7.1 surround sound
- Support xvYCC color displaying a wider range of color

SAPPHIRE BUNDLE OPTIONS (Full Retail)

Model	DVI-to-VGA Adapter	HDTV Cable	CrossFire Bridge Interconnect Cable	DVI to HDMI Adapter	Driver CD	PowerDVD CyberLink Power DVD 7	DVD Suite CyberLink DVDSuite 5	3DMARK Vantage
SAPPHIRE HD 4870	✓	✓	✓	✓	✓	✓	✓	3DMark Vantage
SAPPHIRE HD 4850	✓	✓	✓	✓	✓	✓	✓	3DMark 06

▲ Product bundle options vary by countries. Check your local stores / distributors for details.

SAPPHIRE RADEON HD 4800 SERIES PRODUCT LINE UP

Model	Memory **	Bus Type	Engine Clock (MHz) / Memory Clock, DDR	Stream Processing Units	Memory Bus	Display Support ***
SAPPHIRE HD 4870	512 MB GDDR5	PCI-E 2.0	750 MHz / 3,600MHz (900MHz GDDR5)	800	256-bit	Dual DVI-I / HDTV-out / HDMI / VGA
SAPPHIRE HD 4850	512 MB GDDR3	PCI-E 2.0	625 MHz / 1,986MHz (993MHz GDDR3)	800	256-bit	Dual DVI-I / HDTV-out / HDMI / VGA

* Specifications subject to change without notice.

** For more memory information, please contact Sapphire authorized dealers near you.

*** adapter required

SAPPHIRE HD 4870



Interface	PCI Express x 16 (PCI-E 2.0)
Memory	512MB GDDR5
Memory Bus	256-bit
Engine Clock / Memory Clock, DDR	750MHz / 3,600MHz (900MHz GDDR5)
Stream Processing Units	800
Outputs	Dual DVI-I / TVO / HDTV(via cable) HDMI(via DVI-to-HDMI Dongle)



SAPPHIRE HD 4870

SAPPHIRE HD 4850

Interface	PCI Express x 16 (PCI-E 2.0)
Memory	512MB GDDR3
Memory Bus	256-bit
Engine Clock / Memory Clock, DDR	625MHz / 1,986MHz (993MHz GDDR3)
Stream Processing Units	800
Outputs	Dual DVI-I / TVO / HDTV(via cable) HDMI(via DVI-to-HDMI Dongle)



SAPPHIRE HD 4850



EXCELLENCE

Over 700 World Wide Awards since 2002



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