PRODUCT OVERVIEW

1. Introduction:

Experience the Power of 6 -ATI Radeon™ HD 5870 Eyefinity 6 Edition Graphics

Experience DirectX® 11 gaming and HD entertainment to the Power of 6 with ATI Radeon™ HD 5870 Eyefinity 6 Edition graphics delivering incredible scalability, productivity and immersive HD gaming performance with 6 display capabilities and 2GB of memory.[1]

Footnotes:

[1]ATI Eyefinity technology works with games that support non-standard aspect ratios, which is required for panning across multiple displays. To enable more than two displays, additional panels with native DisplayPort™ connectors, and/or certified active DisplayPort™ adapters to convert your monitor's native input to your cards DisplayPort™ or Mini-DisplayPort™ connector(s), are required.

Sapphire HD5870 2GB Eyefinity 6 Edition

2. Features:

1. Microsoft DirectX 11 Support

2. 2GB Onboard Frame Buffer

3. ATI Eyefinity Technology, support up to 6 displays. *

4. ATI Stream technology**

5. Microsoft Windows 7 Support

6. 40nm Process Technology

7. 2nd Generation TeraScale Engine

8. PCI Express 2.1 x16 bus interface

9. Advance 1GB/256-bit GDDR5 memory interface

10. HDMI 1.3 support with Deep Color and 7.1 High Bitrate Audio

11. On chip HDCP Support

12. ATI CrossFireX™ multi-GPU support for highly scalable performance. (Use up to four discrete cards with an AMD 790FX based motherboard)

13. ATI Avivo HD Support

- ATI Unified Video Decoder 2 (UVD) for Blu-ray™ and HD Video.

- Accelerated Video Transcoding (AVT)

- DVD Upscaling

- Dynamic Contrast

- Built-in HDMI with 7.1 surround sound support

14. Dynamic power management with ATI PowerPlay™ technology including memory clocks

15. Dolby® TrueHD and DTSHD Master Audio ™ Support

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**Requires application support for ATI Stream technology

3.   System Requirements:

- PCI Express® based PC is required with one X16 lane graphics slot available on the motherboard

- 600 Watt or greater power supply with one 75W 6-pin PCI Express® power connector and one 150W 8-pin PCI Express® power connector recommended. (900 Watt with two 6-pin connectors and two 8-pin connectors for ATI CrossFireX™ technology in dual mode)

- Certified power supplies are recommended. Refer to http://ati.amd.com/certifiedPSU for a list of Certified products

- Minimum 1GB of system memory

- Installation software requires CD-ROM drive

- DVD playback requires DVD drive

- Blu-ray™ playback requires Blu-ray drive

- For an ATI CrossFireX™ system, a second ATI Radeon™ HD 5870 graphics card, an ATI CrossFireX Ready motherboard and one ATI CrossFireX Bridge Interconnect cable per graphics card are required.

4.   Operating System Support:

Windows XP(32Bit/64Bit); Windows Vista(32Bit/64Bit); Windows Media Center Edition 2005, Windows 7

5. **SKU Feature:**

SKU	21161-10
GPU	Radeon HD 5870
Bus Interface	PCI-E x16 (PCI-E 2.1)
Memory	2048MB / 256-bit GDDR5
Clock Speed	850MHz Eclk / Effective 4800 MHz Mclk
Cooling System	Dual slot Fan with auto fan control
Bracket	Full Height
Display Support	Mini DisplayPort x 6
HDCP	Yes
Crossfire Support	Native Hardware Crossfire
External Power	PCIe Graphic External 1 x 6 pin and 1 x 8 pin
Accessories	Crossfire Interconnect Cable x 1 Mini DP to DP Adaptor x 2 Mini DP to HDMI Adaptor x 1 Mini DP to SL-DVI Passive dongle x 2 6 PIN to 4 PIN Power Cable x 1 8-PIN to 4 PIN x2 Power Cable x 1

6. **Maximum Display Resolution:**

- ■ D-Dub(VGA): 2048 x 1536 @85 Hz*
- ■ DL-DVI-I: 2560 x 1600@60Hz
- ■ HDMI:1080P
- ■ Display Port: 2560 x 1600@60Hz
- ■ Eyefinity: 7680 x 3200(SLS Mode)**

*Requires active DisplayPort to VGA Adaptor (Not included in the packaging)

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NOTE:

1. Resolutions are limited by the performance of the attached monitor.

2. Driver version Catalyst 10.3 or above is required to support Single Large Surface Mode in Windows 7 and Vista with 6 displays.

Disclaimer: Product specification subjects to change, product might not be exactly as shown. While every precaution has been taken in the preparation of the material, no responsibility for errors or omissions is assumed. Neither is any liability assumed for damages resulting from the use of the information contained herein.