



DIAMOND MULTIMEDIA - SPECIFICATION SHEET

SKU 5850PE51G

BRAND HD 5800

March 8, 2010 - 5:05 pm

ENG APVD - LK 2009-09-15

MRKTG APVD - MS 2009-09-18

SKU	5850PE51G	
PRODUCT	DIAMOND ATI Radeon™ HD5850 PCIE 1024MB GDDR5 Video Card	
PRODUCT SHORT DESCRIPTION	INTERFACE	PCI Express x16
	GPU	5800
	CORE CLOCK	725 MHz
	MEMORY CLOCK	1000 MHz
	MEMORY CONFIGURATION	
	MEMORY TYPE	GDDR5
	MEMORY BANDWIDTH	128 GB/sec
	MEMORY SIZE	1024MB
	MEMORY CONTROLLER INTERFACE	256-Bit
	PORTS	2 Dual-Link DVI,HDMI,Standard Display Port
DUAL LINK DVI	Two Dual Link DVI + HDMI + Display Port	

PRODUCT DETAILED DESCRIPTION
 Prepare to experience a riveting high-definition gaming experience with ATI Radeon™ HD 5800 Series graphics processors. Expand your visual real estate across up to three displays and get lost in the action with revolutionary ATI Eyefinity Technology. Using ATI Stream technology, accelerate even the most demanding applications and do more than ever with your PC. The first to deliver full support for Microsoft DirectX® 11, these GPUs enable rich, realistic visuals and explosive HD gaming performance so you can dominate the competition.

PRODUCT FEATURES

- GPU: ATI Radeon™ 5850
- Bus Type: PCI-Express X16 (PCI Express 2.0)
- Dynamic power management with ATI PowerPlay technology
- 1 GB GDDR5 memory
- ATI Eyefinity technology
- ATI Avivo HD video and display technology
- ATI Stream technology
- API Support: DirectX® 9.0 and 10.0, 10.1, 11.0 Open GL3.2
- Display Formats: Two Dual Link DVI + HDMI + Display Port
- ATI CrossfireX multi-GPU

SYSTEM REQUIREMENT	EXTERNAL POWER REQUIREMENT	2 x 6 pin mollex
	CPU	Pentium Intel Duo, AMD X64 or higher
	CPU SPEED	2.4 GHz or higher CPU
	MEMORY	1024MB
	HARD DISK	480MB available hard disk space
	SYSTEM BUS	PCI Express x16
	SLOT	DOUBLE
	CHASSIS	ATX
	MONITOR	Digital flat-panel (DFP) displays or DVI-I Compatible or digital CRT display or High-resolution VGA monitor
	INTERNET ACCESS	NO
	USB	NO
	CD DVD	YES
	POWER SUPPLY	PCI Express® based PC is required with one X16 lane graphics slot available on the motherboard 450 Watt or greater power supply with two 75W 6-pin PCI Express® power connectors recommended (600 Watt and two 6-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

OPERATING SYSTEM	WINDOWS-7-32 WINDOWS-7-64 WINXP WINXP64 WINVISTA32 WINVISTA64 MCE LINUX32 LINUX64
FORM FACTOR	Standard Profile Full-Height
DIMENSIONS	[PRODUCT] : 9.5 X 4.0 X 1.5 inches [RETAIL BOX] : 12.4 X 6.5 X 4.1 inches [S BUILDER] :
WEIGHT	[PRODUCT WEIGHT] : 1.8 LBS [PRODUCT WITH CONTENT WEIGHT] : 3.5 LBS
UPC	RETAIL PACKAGE UPC : 757448008845

PACKAGE CONTENT

- 5850PE51G
- INSTALL CD
- QUICK START GUIDE
- DVI-TO-VGA ADAPTER
- CROSSFIRE BRIDGE INTERCONNECT

PRODUCT WEBPAGE <http://www.diamondmm.com/5850PE51G.php>

PRODUCT NOTES **California Health & Safety Notice** : The solder used in this product contains lead, a chemical known to the State of California to cause birth defects and other reproductive harm. Please wash hands after handling internal components and circuit boards and avoid inhalation of fumes if heating the solder.

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Diamond Multimedia
9650 DeSoto Ave. Chatsworth, CA 91311
Tel: (818) 534-1414 Fax: (818) 773-9619
<http://www.diamondmm.com>