



SKU	5570PE31G	
PRODUCT	DIAMOND AMD ATI Radeon™ HD 5570 PCI Express GDDR3 1GB Graphic Card	
PRODUCT SHORT DESCRIPTION	INTERFACE	PCI Express x16
	GPU	5570
	CORE CLOCK	650 MHz
	MEMORY CLOCK	1600 MHz
	MEMORY CONFIGURATION	64M x 16
	MEMORY TYPE	GDDR3
	MEMORY BANDWIDTH	25.6GB/sec
	MEMORY SIZE	1024MB
	MEMORY CONTROLLER INTERFACE	128 bit
	PORTS	Dual-Link DVI,HDMI,VGA
	DUAL LINK DVI	NA

PRODUCT DETAILED DESCRIPTION

- 627 million 40nm transistors
- TeraScale 2 Unified Processing Architecture

400 Stream Processing Units
 20 Texture Units
 32 Z/Stencil ROP Units
 8 Color ROP Units

- GDDR3 memory interface
- PCI Express 2.1 x16 bus interface
- DirectX® 11 support

Shader Model 5.0
 DirectCompute 11
 Programmable hardware tessellation unit
 Accelerated multi-threading
 HDR texture compression
 Order-independent transparency

- OpenGL 3.2 support
- Image quality enhancement technology

Up to 24x multi-sample and super-sample anti-aliasing modes
 Adaptive anti-aliasing
 16x angle independent anisotropic texture filtering
 128-bit floating point HDR rendering

- ATI Stream acceleration technology

OpenCL Support
 DirectCompute 11
 Accelerated video encoding, transcoding, and upscaling

- ATI CrossFireX™ multi-GPU technology

Dual GPU scaling

- ATI Avivo™ HD Video & Display technology

UVD 2 dedicated video playback accelerator
 Advanced post-processing and scaling
 Dynamic contrast enhancement and color correction
 Brighter whites processing (Blue Stretch)
 Independent video gamma control
 Dynamic video range control
 Support for H.264, VC-1, MPEG-2, and Adobe Flash
 Dual-stream 1080p playback support
 DXVA 1.0 & 2.0 support
 Integrated dual-link DVI output with HDCP
 Max resolution: 2560x1600
 Integrated HDMI 1.3 output with Deep Color, xvYCC wide gamut support, and high bit-rate audio Max resolution: 1920x1200
 Integrated VGA output
 Max resolution: 2048x1536
 3D stereoscopic display/glasses support
 Integrated HD audio controller
 Output protected high bit rate 7.1 channel surround sound over HDMI with no additional cables required
 Supports AC-3, AAC, Dolby TrueHD and DTS Master Audio formats
 ATI PowerPlay™ power management technology
 Dynamic power management with low power idle state
 Ultra-low power state support for multi-GPU configurations
 Certified drivers for Windows 7, Windows Vista, and Windows XP

PRODUCT FEATURES

ATI Radeon HD 5500 Series graphics processors offer the most features and functionality in its class. With ATI Radeon HD 5500 Series graphics processors you get a multi-purpose graphics solution for maximum versatility. The Diamond ATI Radeon HD 5570 includes our most comprehensive feature set to date. Along with DirectX 11, including Shader Model 5.0, and OpenGL 3.21 capabilities, the Diamond ATI Radeon HD 5570 also supports integrated HDMI 1.3, integrated HDCP and native support for Blu ray and HD DVD decode. Diamond ATI Radeon HD 5570 with support for Windows XP, Windows Vista, and fully compliant support for Windows 7, makes this a great value for your PC.

SYSTEM REQUIREMENT

EXTERNAL POWER REQUIREMENT	
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	SINGLE
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	400 Watt

OPERATING SYSTEM

WINDOWS-7-32 WINDOWS-7-64 WINXP WINXP64 WINVISTA32 WINVISTA64 MCE

FORM FACTOR

Standard Profile Full-Height

DIMENSIONS

[PRODUCT] : 11.5 x 9.5 x 2.875 inches [RETAIL BOX] : 11.5 x 9.5 x 2.875 inches [S BUILDER] :

WEIGHT

[PRODUCT WEIGHT] : .50 Lbs [PRODUCT WITH CONTENT WEIGHT] : 2.0 Lbs

UPC

RETAIL PACKAGE UPC : 757448010077

PACKAGE CONTENT

- 5570PE31G
- INSTALL CD
- QUICK START GUIDE

PRODUCT WEBPAGE<http://www.diamondmm.com/5570PE31G.php>

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