



SKU	6450PE31G	
PRODUCT	AMD ATI Radeon™ HD 6450 1MB GDDR3 Single Link DVI + 1 HDMI + VGA	
PRODUCT SHORT DESCRIPTION	INTERFACE	PCI Express x16
	GPU	Caicos
	CORE CLOCK	625 MHz (subject to change)
	MEMORY CLOCK	1334 MHz (subject to change)
	MEMORY CONFIGURATION	32Mx32
	MEMORY TYPE	GDDR3
	MEMORY BANDWIDTH	10.7 GB/s
	MEMORY SIZE	1024MB
	MEMORY CONTROLLER INTERFACE	128 bit memory interface
	PORTS	Single-Link DVI,HDMI,VGA
	DUAL LINK DVI	Yes

PRODUCT DETAILED DESCRIPTION **Unlike the competition, AMD Radeon™ HD 6450 Series GPUs:**

- AMD's 2nd generation support for DirectX®11 offers improved performance and visual experience in Windows®7
- AMD App Acceleration and improves playback and image quality playback of new video formats like DivX, DivX Plus HD, and .MKV file formats
- GPU acceleration of everyday applications like your web browser and Microsoft Office 2010
- Full support for Blu-Ray 3D using AMD HD3D Capabilities
- AMD Catalyst™ Software driver suite

POWER CONSUMPTION **16W Full Load**

PRODUCT FEATURES **More efficient tessellation**

- Balanced performance and image quality

Enhanced image quality

- Improved AA and AF

Optimized architecture

Improved efficiency for DirectCompute

SYSTEM REQUIREMENT	EXTERNAL POWER REQUIREMENT	NONE
	CPU	Pentium Intel Duo, AMD X64 or higher
	CPU SPEED	2.4 GHz or higher CPU
	MEMORY	1024MB
	HARD DISK	100MB
	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 or greater power supply recommended (500 Watt for ATI CrossFireX™ technology in dual mode)

OPERATING SYSTEM	WINDOWS-7-32 WINDOWS-7-64 WINXP WINXP64 WINVISTA32 WINVISTA64 MCE LINUX32 LINUX64
FORM FACTOR	Standard Profile Full-Height
DIMENSIONS	[PRODUCT] : TBD [RETAIL BOX] : 11.5 x 9.5 x 2.875 inches [S BUILDER] :
WEIGHT	[PRODUCT WEIGHT] : TBD [PRODUCT WITH CONTENT WEIGHT] : TBD
UPC	RETAIL PACKAGE UPC : 757448021127

PACKAGE CONTENT

- 6450PE31G MEMORY GDDR3 PCI EXPRESS GRAPHIC CARD
- INSTALL CD
- QUICK START GUIDE

PRODUCT WEBPAGE <http://www.diamondmm.com/6450PE31G.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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