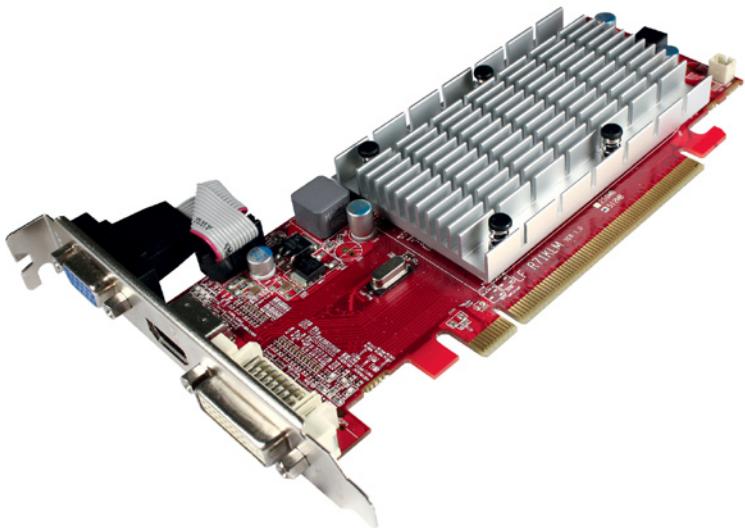




The **Diamond AMD Radeon™ HD 6450** graphics processors is a next-generation visual upgrade that offers advanced video and display technologies, as well as 2nd generation support for DirectX 11 for the most versatile solution for everyday computing.

- **AMD App Acceleration:** Use the power of your GPU to improve the quality of your video, as well as speed up every day tasks.
- **DirectX® 11 Evolved:** Experience new levels of detail and realism using AMD Radeon™ 6450 Graphics with DirectX® 11 technology.



# Radeon™ HD 6450

The Most Technologically Advanced Graphics Processor



With the arrival of the latest in 3D technology you can now enjoy an enhanced visual experience on Stereo 3D-capable desktops and notebooks powered by **AMD HD3D Technology.**<sup>3</sup>

- Watch Blu-ray movies, online streaming videos and other HD content and get smooth – high quality playback with amazing image quality.
- Wide hardware support for 3D HDTV's, 3D Projectors, and 3D monitors, as well as supported Notebook systems.<sup>3</sup>
- Convert your 2D photos and videos to 3D using AMD's cutting edge **HD3D technologies** to enhance your playback experience.<sup>3</sup>



## Specifications

### Radeon HD 6450

Stream Processing Units	3072
Microsoft® DirectX® Support	DirectX® 11
BIOS1 (Default)	Engine Clock – Up to 830MHz Compute Power – 5.1 TFLOPs (SP) / 1.27 TFLOPs (DP)
BIOS2 (Overclocked)	Engine Clock – Up to 880MHz Compute Power – 5.4 TFLOPs (SP) / 1.37 TFLOPs (DP)
Memory	1GB
Memory Type	256-bit GDDR3
Memory Clock	1250MHz (5.0 Gbps GDDR5)
Memory Bandwidth (maximum)	320 GB/s
Graphics Bus Technology	PCI Express® 2.1 x16
Resolution (maximum)	2560x1600 (Single Display)
Max Displays	5 Native (6 with DisplayPort 1.2 MST)
Form Factor	Double Slot
Power Supply Recommended	400W

#### Footnotes:

1. AMD App Acceleration is a set of technologies designed to improve video quality and enhance application performance. Full enablement of some features requires support for OpenCL™ or DirectCompute (including AMD's Universal Video Decoder (UVD)). Not all products have all features and full enablement of some capabilities may require complementary products.
2. AMD PowerPlay™ is a technology platform that includes a broad set of capabilities offered by certain AMD Radeon™ HD GPUs. Not all products have all features and full enablement of some capabilities and may require complementary products.
3. AMD HD3D is a technology designed to enable stereoscopic 3D support in games, movies and/or photos. Requires 3D stereo drivers, glasses, and display.
4. Digital rights management restrictions may apply.