
Vibrant Video - CrossFire from ATI

CrossFire is ATI's technology that provides a method of utilizing multiple graphics processing cards inside a single PC. Using multiple graphics processors provides vastly increased rendering speeds that allow high end graphics at very high screen resolutions. ATI's CrossFire technology includes Supertiling that divides the screen image into subsections that alternates the rendering duties for those tiles between each ATI GPU - balancing the rendering loads for both processors. CrossFire also supports a multiple load-sharing "scissor" mode and an alternate frame-rate mode as well. And, users can enable or disable CrossFire capabilities through the ATI-provided Catalyst software interface.

CrossFire requires PCI Express and a RADEON Xpress 200 CrossFire Edition or Intel i955X based dual-slot motherboard along and a CrossFire ready PCI Express RADEON X850 (can be paired with any existing PCI Express RADEON X850) or X800 (can be paired with existing PCI Express RADEON X800 card). This means if you already have a system based on PCI Express and an ATI RADEON PCI Express X800 or X850 series card, you can simply add a CrossFire ready card to implement and integrate CrossFire technology.

ATI states that CrossFire performance improvements are application dependent, but some applications derive up to 100% increases in frame rate performance improvement at high resolutions and image quality settings.

For more information about CrossFire and CrossFire capable system components see: <http://www.ati.com>

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