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Subject: Re: Question about nVidia's CUDA.

Posted by [saberhawk](#) on Fri, 22 Aug 2008 09:01:23 GMT

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nikki6ixx wrote on Thu, 21 August 2008 15:30My question to anyone here who knows a thing or two about CUDA is whether they think it could be the next big thing in computing, or a big, fancy blip on the roadmap of technology. The reason I'm asking is because I own quite a few nVidia shares, and I need to weigh short-term vs. long-term, etc. I have a good handle on most of their other operations, but CUDA fascinates me, despite me not knowing all too much about its workings.

So does anyone here think CUDA, or its competition from AMD/ATI could turn the computing world on its head?

I've read up about it, at least as much as I can understand, and I am pretty amazed at the amount of power the GPU's of today have. One organization has used CUDA to run programs/applications in half a minute... programs that used to take half an hour, as well as performing other complex applications in real-time!

I'm asking it here, because I know I'll have a better chance of getting some really good answers that will be easy for my small mind to digest.

CUDA is awesome if what you need to do doesn't require much branching (ie physics and graphics). Sadly, there's little chance of it running complicated things such as an operating system with the same amount of performance.

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