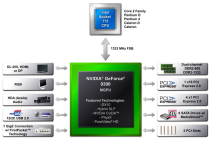


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By: Traian Teglet, Technology News Editor

NVIDIA GeForce 9300 Motherboard GPU
Block DiagramNVIDIA's GeForce
9300 motherboard
GPU diagram
NVIDIA

NVIDIA MCP7a GeForce 9-Series mGPU Launched

Better integrated graphics for Intel-supporting platforms

Despite no official word on NVIDIA's official website, it appears that the Santa Clara, California-based green company has finally unveiled the details of its next-generation integrated graphics chipset, designed to accommodate Intel's current desktop processors, running on Socket 775. Anticipation for the new NVIDIA GeForce 9300 and 9400 Motherboard GPUs has been building for quite some time and now, recent rumors indicate, the company officially unveiled them after Apple launched its next-generation MacBook systems. The specs on the new chipset are pretty much what you would expect, especially given that a significant amount of information on the new motherboard product got leaked over the past few months. Both chipsets come with approximately the same technical specifications, including support for Microsoft's DirectX 10 API and NVIDIA's own technologies, namely Hybrid SLI, CUDA, PhysX and PureVideo HD. The chip itself is said to deliver a significant performance boost over Intel's own integrated graphics solutions, although it is meant for motherboards that are priced below \$100. As far as specifications go, you should expect support for Intel's latest processors based on Socket 775, and FSB of up to 1333MHz, dual channel DDR2 up to 800MHz and DDR3 up to 1333MHz, one PCI Express 2.0 X16 and four PCI-Express 2.0 x1, six SATA 3Gbps ports with MediaShield support, five PCI slots, one Gigabit Ethernet, no less than twelve USB 2.0 ports and HD Audio. The integrated graphics chip will deliver a core speed of 580MHz, and has 16 unified Shaders. Given the overall specifications of NVIDIA's new motherboard product, the Intel-supporting chipset should become one of the best deals on the market. Now, after NVIDIA's official release, we should soon see some benchmarks and reviews of motherboards based on the new chipset, which should help us form a general opinion on what the new NVIDIA platform is capable of.