

## The Next-Generation Video Card

Nvidia has done it again, with its newest video card, the GeForce 7800 GTX. If money is no object and you demand the best, this is the video card for you.

The 7800 GTX, which promises 600 MHz, 256 MB of 256-bit DDR3 memory and a graphics core clock speed of 430 MHz, is the absolute fastest video card, to date, that money can buy.

Despite the high clock speeds, the 7800 utilizes a single-slot cooling solution. This is made possible because of the processor size which is 20 NM smaller than their previous 8600's. Also contributing to the cooling of the card is the improved power management system, which automatically turns off unused portions of the chip.

The 7800GTX is equipped with 24 pixel shader units and 8 vertex shader units. With over 200 GFLOP's of shading available, Nvidia raises the bar, once again, on video card's graphics and performance.

This is all in just one videocard, pair them up in SLI mode and you have the best video cards in terms of speed, stability and appearance. One thing to watch however, when running dual cards in SLI mode, is that unless you have a top of the line processor, such as the FX-55 you may find your video cards waiting on your processor to catch up. In this case you may want to hold off on getting both cards until you upgrade your processor.

Source: <http://www.articlecircle.com>

### About the Author

Nicholas Spriggs at [www.desktop-computer-guide.com](http://www.desktop-computer-guide.com) is dedicated to providing up to date and accurate information in the computer and technology field. For more information on building your computer check us out at [www.desktop-computer-guide.com/build-your-own-computers.html](http://www.desktop-computer-guide.com/build-your-own-computers.html)