NVIDIA GeForce GTX 690 – Graphics Card

Does the new graphics card have GPU and RAM?

The GeForce GTX 690 has RAM at the speed of 6.0 with standard configuration of 4096 MB GDDR5 (double data rate type five synchronous graphics random access memory) that processes 2048 MB per GPU. The card also contains GPU which contains these specifications:

* CUDA (Compute Unified Device Architecture) cores – 3072
* Base Clock (MHz) – 915
* Boost clock (MHz) – 1019
* Texture fill rate (billion/sec) – 234

What are the purposes of GPU and RAM?

The purpose of the GPU is that it controls the output that displays on-screen. Once the user chooses to access an image file or video, the GPU processes it and uses the RAM to temporarily store the file (and information on the image pixels or video pixels) that they are using until the file is closed. RAM is a type of temporary storage that holds instructions from files that are opened (in this case pixels from images or videos), stores and processes them.

What is the role of the graphics card?

The graphics card is used to process and display images/videos. For example, if an image file were to be loaded, the graphics card would then process the pixels (and also passes them on to the RAM to store this information) within the image loaded, and output them onto the screen.