

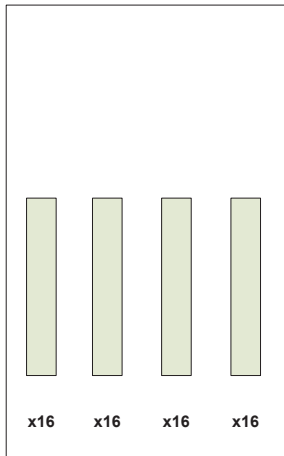


# CUBIX Visual & GPU Compute Solutions...

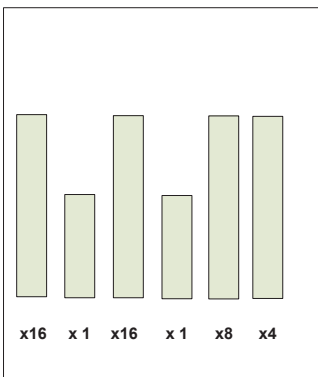
**Add GPUs without adding new servers or workstations!**

## GPU-accelerated upgrades: Build a PC, buy new, or just add GPUs??

To maximize the benefits of using GPU-accelerated applications such as Adobe's® new Creative Suite™ 5, Acceleware®, or Refractive Software's® Octane Render™ - the world's first unbiased, physically-based, interactive renderer, you need to add at least 1 NVIDIA® GeForce GTX-class graphics card (Acceleware = Tesla/Quadro), and this card needs to be CUDA-enabled. Why? Because each of these vendor's applications requires at least 1 dedicated NVIDIA CUDA-enabled GPU for specifically for accelerated application performance.



**Cubix GPU-Xpander PCI Express slot layout**



**Typical motherboard's PCI Express slot layout**

**Number of PCIe x 16 GPU cards supported:**

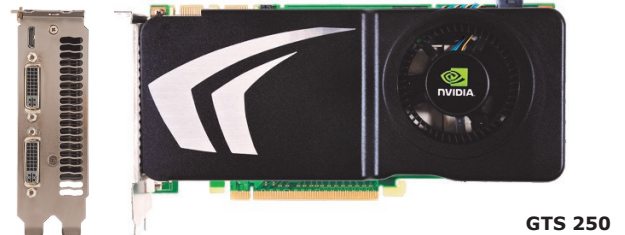
**2 x**



**4 x**



**2 x**



**0 x**



"No problem", you think to yourself. "I've already got *one!*"

Yes, there is a problem. Do you plan to work on other applications while waiting for your file to complete the rendering or other computational processes? You need a second graphics or GPU compute card. Use other applications requiring high-performance graphics or GPU cards? Better make it two NVIDIA GTX-class (or higher-end) cards.

If you're into gaming on your PC, then you already know where this line of thought is leading to. For instance, Refractive Software recommends at least 1 GeForce GTX 260 for Octane Render use specifically, and your current rig is probably not up to the challenge of 2+ x GTX cards, plus discrete audio card, other 3rd party add-in cards such as audio/video capture, firewire adapter, etc.,. What you're going to need to decide is whether to upgrade PC parts, buy a new computer or Apple® Mac Pro, or (cont. pg.2)



# CUBIX Visual & GPU Compute Solutions...

**Add GPUs without adding new servers or workstations!**

## GPU-accelerated upgrades: Build PC, buy new, or just add GPUs??

Simply add GPUs externally connected to your existing computer using Cubix Visual & GPU Compute Solutions' new GPU-Xpander Pro 2.

GPU-Xpander Pro 2 is the superior alternative for a number of reasons; simplicity, time saved, cost - in other words, *value!*

### *Simplicity*

GPU-Xpander Pro 2 quickly and easily plugs into your existing PC or MacPro with a low-profile PCI Express adapter connected by 1.5 meter data cable to the Xpander for Octane Render unit. Within minutes of opening the box, plugging-in cards and power cord, and loading the NVIDIA drivers for your particular OS, you've dramatically increased GPU Compute, transcoding, or rendering performance while preserving the ability to work with other applications.

### *Time Savings*

GPU-Xpander Pro 2 saves you from the time and headache of researching, sourcing, and installing new components into an existing computer that the do-it-yourselfer usually experiences. Whether you're 'simply' adding a new motherboard with extra PCI Express x 16 slots, or building a completely new workstation from the ground up, GPU-Xpander saves time while avoiding frustrations that come from driver conflicts, 64-bit file and Operating System migrations, etc.,.

### *Cost*

GPU-Xpander Pro 2 is usually less expensive than purchasing a PC or Mac Pro configured for use with multiple, high-performance NVIDIA GTX-class graphics cards. Price a new PC with 2 x GeForce GTX 480 cards included, and see if you can find a gaming PC or name-brand workstation for \$2000 or less\*.

### *Value*

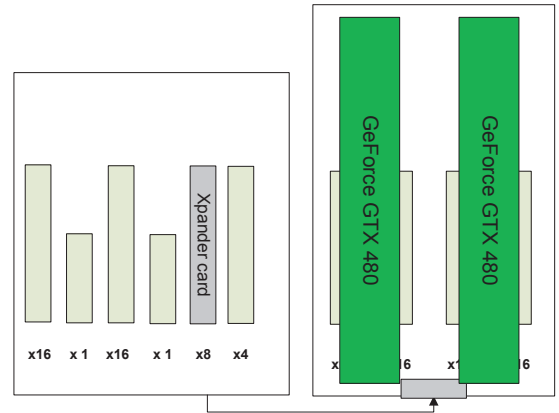
GPU-Xpander Pro 2 means more value for your hard-earned money than any other GPU-acceleration upgrade. For more information, call Cubix Visual & GPU Compute Solutions at (800) 829-0550 (No. America), +1(775) 888-1000 (worldwide), or send an e-mail to [sales@cubixgpu.com](mailto:sales@cubixgpu.com).



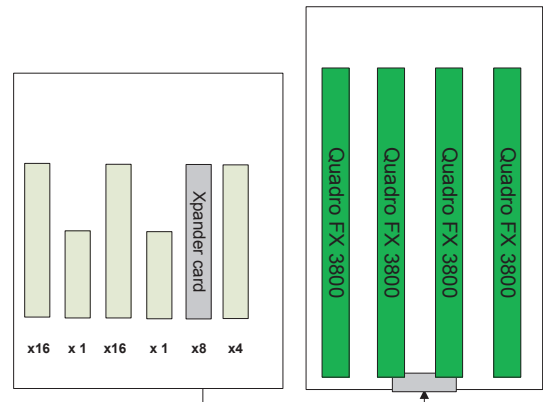
## Cubix Corporation Visual and GPU Compute Solutions

2800 Lockheed Way  
Carson City, NV USA 89706  
[sales@cubixgpu.com](mailto:sales@cubixgpu.com), [www.cubixgpu.com](http://www.cubixgpu.com)

\* Contact Cubix before connecting 2nd unit to your PC. Some older PC units may first require BIOS adjustment.



Typical motherboard's PCI Express slot layout + GPU-Xpander Pro 2 + NVIDIA GeForce GTX 480



Typical motherboard's PCI Express slot layout + GPU-Xpander Pro 2 + NVIDIA Quadro FX 3800