



# CUBIX

Visual & GPU Compute Solutions

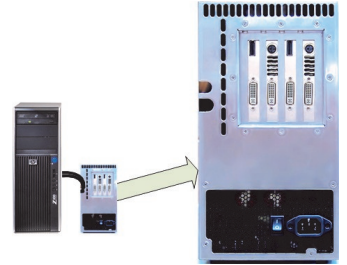
## Add GPUs without adding new servers or workstations!

New Remote 3D Rendering and GPU Compute Expansion Products, from the pioneer of remote, ultra high-performance graphics & multi-computer solutions—Cubix Corporation

### Features & Benefits: GPU-Xpander Pro 2, Xpander for Octane

#### Features

- Rugged chassis with independent power supply and quiet cooling fans
- multi-channel PCI Express , or PCMCIA/ExpressCard 34 adapter options
- 16-channel PCI Express data cable and adapter option shipping July 2010
- Two PCIe x16 expansion slots in each GPU-Xpander Desktop Pro2
- Two Fermi-based GeForce® GTX 470 / 480 graphics cards
- Two-four professional class graphics controllers ; NVIDIA® Quadro® FX 1800, 3800, 4800 or 5800
- Two powerful GPU computing processors; NVIDIA® Tesla™ C1060 or the new Tesla C2050
- An independent, auto-ranging 750W power supply to meet any expansion requirement
- 19" rackmount options coming soon (Q2 2010)
- XpanderBlade options available with 19" rackmount GPU-Xpander units Q2 2010
- Optional fiber optic connection for remote connections (hundreds of meters distance) between host PC and GPU-Xpander units (Q3 2010)
- Simple, quick installation



#### Benefits

- Add 2+ TFlops GPU Compute performance to slot-starved, power deficient workstations at half the cost of a similarly-configured tower workstation
- Add two-four discrete PCIe x16 graphics controllers or GPU Compute cards to a computer that does not have the available slots
- Add two double-wide graphics cards or supercomputing GPU cards to any PC with only a single PCIe x8 or x16 slot available
- Add two double-wide professional graphics cards or HPC processors to any computer regardless of power supply limitations
- Add two graphics controllers or HPC processors without having to specify, purchase, install and configure new computers
- Minimal impact on available desktop or cubicle space
- Removes the need to transfer 64-bit applications and files from your current PC to a new HPC workstation
- Add more high-performance graphics cards and GPGPU cards at a fraction the cost of purchasing a new HPC workstation for the purpose of adding GPU cards for HPC and GPU-accelerated applications
- Move GPU-Xpander Pro 2 from one computer to another as needed
- Connect two or more GPU-Xpander Desktop Pro 2 units to one computer\* (if you have two or more PCIe x8 or x16 slots available in the host computer)
- Add other 3rd party PCI Express-based I/O adapters such as A/V capture, midi or madi devices, fiber HBA, etc.,

\* Contact your Cubix Visual & GPU Compute Solutions Representative before adding more than 1 GPU-Xpander unit to your computer. BIOS upgrade or adjustment to the computer may be required



(Technical Specs listed on Page 2)



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## GPU-Xpander Pro 2 Technical Specifications

### Expansion Slots

**2 x PCI Express x16, 4 x PCI Express x16**

**(Supports 2 x double-wide graphics / GPU cards or 4 single-width graphics cards)**

### Supported Graphics Controllers

**2 x NVIDIA GeForce GTX 470/480, 2 x GTX 260, 285, 295**

**2 x Quadro FX 4800 / 5800, 4 x Quadro FX 1800 / 3800**

- **Support for 4 dual-link DVI LCDs with up to 2560 x 1600 resolution each**
- **Support for multiple DisplayPort or single-link DVI ports**

### Host Connection

**1.5m, 68-pin external PCI Express data cable**

### Front Panel

**4 LEDs for system reset, cable present, power supply good & power supply on**

### Rear Panel

**Power on/off and power input**

### Power

**Single-phase, 50/60Hz, auto-ranging, 100-240VAC, 5.5-3.0A**

### Dimensions

**11.000" H x 6.125" W x 15.000" D (27.940cm H x 15.557cm W x 38.100cm D)**

### Weight

**19.600lbs (8.890kg) with 2 x NVIDIA Quadro FX 5800s**

### Warranty

**Parts/labor return to manufacturer 1 year  
Optional 2, 3 or 4 years**



### Cubix Corporation

### Visual and GPU Compute Solutions

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

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