



CUBIX

Visual & GPU Compute Solutions

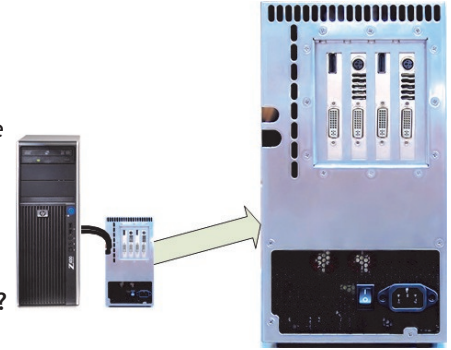
Add GPUs without adding new servers or workstations!

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

FAQs: GPU-Xpander Pro 2, Xpander for Octane Render™

Q. What is GPU-Xpander Pro 2 and Xpander for Octane Render?

A. Cubix GPU-Xpander Pro 2 is two or more additional PCI Express slots for your current PC workstation, featuring its own power supply, and two or more NVIDIA® GeForce, Quadro FX, Quadro DVP, and Tesla GPU Compute cards. Xpander for Octane Render is a GPU-Xpander Pro 2 specifically configured for use with Refractive Software®'s Octane Render - the world's first fully GPU-based, unbiased, interactive renderer. Each product currently features 1-2 high performance NVIDIA CUDA-enabled graphics cards or GPU Compute cards, and plugs into your existing PC system.



Q. Why GPU-Xpander or Xpander for Octane Render instead of a new workstation?

A. Simply put - Value. Each Cubix product represents the best performance *value* available for upgrading GPU Compute or GPU-based rendering performance! Instead of shopping, sourcing, and installing new PC workstations and software when all you need to do is add GPU cards, add a couple of extra PCI Express x 16 slots to your current rig. Cubix offers a less expensive, more convenient, and far more efficient means of adding GPU cards than replacing an entire PC!

Q. What comes with each product?

A. Each GPU-Xpander unit features the same high-performance consumer, professional-grade graphics, and GPU Compute cards you would use for any NVIDIA CUDA-enabled application. GPU-Xpander also features an auto-ranging 750W power supply, power cord options, and a 1.5m data cable with a low-profile PCI Express connector card which plugs into any available x8 or x16 slot.



Q. Can I connect more than 1 GPU-Xpander into my PC or Mac® Pro?

A. Yes you can! If you have 2 open PCI Express slots in your computer*, you can add 4 graphics cards, 4 GPU Compute cards, or combinations of both.

Q. Does GPU-Xpander Pro 2 and Xpander for Octane Render support the new Fermi®-based cards from NVIDIA?

A. Yes, both GPU-Xpander products support the GTX 400 product line, and both products will support the upcoming Tesla c2050 / c2070 products Q2 2010.

Q. I've got a Mac Pro or MacBook® Pro. Does GPU-Xpander support Apple®-certified GeForce and Quadro FX products from NVIDIA?

A. Both GPU-Xpander products will host Apple-certified GeForce and Quadro FX products now. Each product will feature a PCMCIA/ExpressCard 34 connector option by end of April 2010.

Q. I'm building a GPU-based render farm, CPU/GPU hybrid, or adding GPUs to my existing render farm. Do you have a scalable 19" rackmount version of GPU-Xpander?

A. Cubix will ship a modular, 19" rackmount version of GPU-Xpander May 2010.

Q. How long has Cubix Corporation been in business?

A. Cubix has manufactured multi-computer hardware solutions since 1975. Manufactured in the USA, with corporate offices located in Northern Nevada, just outside of beautiful Lake Tahoe in Carson City.



(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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