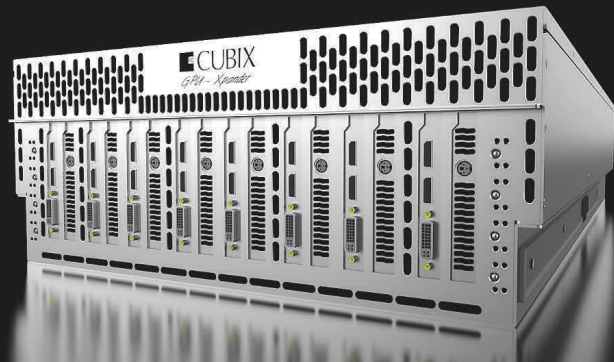
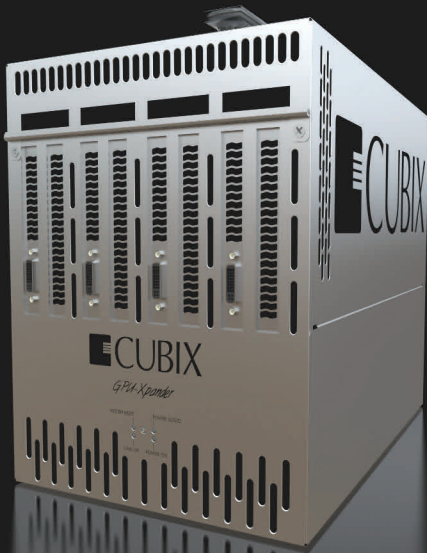


GPU-Xpander for DaVinci Resolve 8.1

Add PCIe slots and watts to your current Apple® Mac Pro or PC workstations





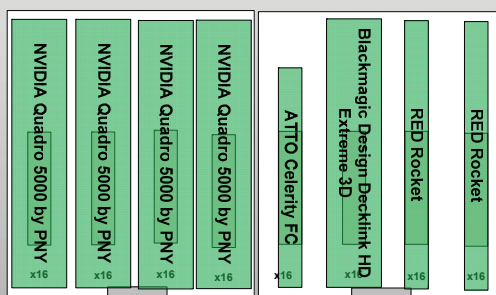
CUBIX
Visual & GPU Compute Solutions

Maximize DaVinci® Resolve 8 performance using certified NVIDIA® graphics cards and Cubix GPU-Xpander products!

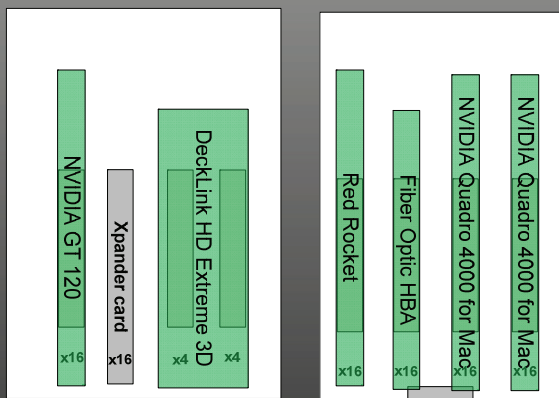
Blackmagic Design's new DaVinci Resolve 8 provides colorists worldwide with unmatched color correction performance. However, in order for Resolve customers to take advantage of critical new performance features such as Noise Reduction, realtime 3D and RED Raw grades, support for multiple video tracks, or even working with 4K material in realtime, users must configure several NVIDIA high-performance graphics cards per workstation.

Until recently, the problem for Apple Mac Pro users was PCIe x16 slot limitations and lack of available power, while Linux users require a stable, open PCIe slot expansion architecture with as many available PCIe slots as possible for maximum performance under a wider variety of resolution options than the OS-X version.

Cubix Corporation, a USA-based PC systems manufacturer and pioneer of blade computing solutions, has developed a line of PCI Express 2.0 slot expansion systems, GPU-Xpanders, designed to solve these problems by providing an external set of 2-16 PCI Express x16 slots which are directly connected to Resolve host workstations. Certified by DaVinci for use with Resolve 8.x, the GPU-Xpander connects to Apple Mac Pro, Microsoft Windows 7, or Linux workstations via 1m-3m data cables and PCIe Gen2 x16 host interface cards, which are installed into the host's PCIe x16 expansion slots. Using Cubix GPU-Xpander products, DaVinci Resolve 8 customers **turn 1 PCI Express x16 slot into 4+ full-length full-height PCIe x16 slots!**



Resolve 8 for Linux with DaVinci-certified motherboard configuration in 19" rackmount, 2U Cubix Host Engine, connected to GPU-Xpander Rackmount 8



Apple Mac Pro PCI Express slot layout + GPU-Xpander Desktop 2 or 4 with dual NVIDIA Quadro 4000 for Mac cards for GPU acceleration, RED Digital Cinema RED ROCKET, Blackmagic Design Decklink Extreme HD (Running DaVinci Resolve for Mac)

Xpander Desktop Series II / Xpander Desktop 4 Technical Specifications:

Expansion Slots

2 double-wide or 4 single-width x PCI Express x16, x8 or x16 electrical (Desktop 2)
4 -8 single-width or 4 double-wide PCIe Gen2 x16 physical & electrical (Desktop 4)

Graphics or IO Controllers

Blackmagic Design® Decklink HD Extreme 3D, Decklink 4K
NVIDIA® Quadro® FX 1800 / 3700 / 3800 / 4800 / 5800 / 4800 for Mac
Quadro 4000 / 5000 / 6000 , Quadro 4000 for Mac
GeForce® GTX 465 / 470 /480/580 Fermi™
GeForce® 9800GT / 8800GTX / GTX 285 for Mac
RED® Rocket
USB 2.0 / 3.0 multi-port
10Gbps Ethernet

Host Adapter: PCIe x16 Host Interface Card (HIC) plus 1m 16-channel data cable

Front Panel: 4 LEDs for system reset, link ok (cable present), power supply good and power supply on

Rear Panel: Power on/off and power input

Power: Single-phase, 50/60Hz, auto-ranging, 100-240VAC, 5.5-3.0A, 750W (Desktop 2)
Single-phase, auto-ranging 100-240VAC, 1200W (Desktop 4)

Dimensions:(Desktop Series II)10.25" H x 8.50" W x 16.25" D (26.03cm H x 21.59cm W x 41.27cm D)(Desktop 4) **11.000" H x 6.125" W x 15.000" D (27.940cm H x 15.557cm W x 38.100cm D)**

Weight: 17.600lbs (7.982kg) actual 25.000lbs (11.340kg) shipping (Desktop Series II)
19.20lbs (8.71kg) actual 26lbs shipping (Desktop 4)

GPU-Xpander Rackmount 2 / 8 Technical Specifications:

2 -4 PCIe Gen2 x16 electrical & physical (Rackmount 2), 8 - 16 PCI Express x16 I/O expansion slots; x16 electrical and physical (Rackmount 8)

Supports two double-wide PCIe I/O adapters (Rackmount 2) four single-width cards, 8 double-wide PCIe I/O cards, or up to 16 single-width PCIe I/O controllers (Rackmount 8)

Graphics or IO Controllers:

Same as GPU-Xpander Desktop 2 / Desktop 4

Host Adapter: PCIe Gen2 x16 bus interface with optional PCIe x8 depending upon configuration

Front Panel

4 LEDs for system reset, link ok (cable present) per bus segment, power supply good and power supply(s) on

Rear Panel Power on/off and power input

Power Supply

Single-phase, 50/60Hz, auto-ranging, 100-240VAC, 700W (Rackmount 2), two Single-phase, 50/60Hz, auto-ranging 100-240VAC, 1200W (Rackmount 8)

Dimensions: R2 - 2.62" H x 19.00" W x 22.75" D (6.67cm H x 48.26cm W x 57.78cm D)