NVIDIA

CREATE MASSIVE ARTIFACT FREE VISUAL DISPLAY SOLUTIONS

NVIDIA® QUADRO® SYNC II

Essential Professional Graphics For Maximum Productivity

Display resolutions are increasing, with 4K displays becoming common and the increasing availability of 5K and beyond displays. Massive visualization displays in design centers, entertainment, retail, and sporting events are pushing the boundaries of display technologies. On-air broadcasts incorporating graphics, video, and virtual sets are becoming the norm. The mixing of graphics and video, often across many display devices, is becoming part of the creative process.

The NVIDIA Quadro Sync II card provides the solution for these advanced synchronized display requirements. The Quadro Sync II card can synchronize up to 4 Pascal GPUs per card for 16 synchronized displays per Sync II card, and with 2 Sync II cards per system, up to 8[1] Pascal GPUs per chassis for a total of 32 synchronized displays per system. The NVIDIA Quadro Sync II card combined with Quadro Pascal-based GPU graphics is the solution for professional synchronized display deployments.

THE PNY ADVANTAGE

PNY provides unsurpassed service and commitment to its professional graphics customers. In addition, PNY delivers a complete solution including the appropriate adapters, cables, brackets, driver software installation disc and documentation to ensure a quick and successful install.

FEATURES

> 2x RJ-45 Frame Lock connectors
> BNC Genlock connector
> Status indicator LEDs
> 4 sync edge connectors
> Supports up to 8[1] Quadro GPUs
> Projector Overlap
> Stereoscopic 3D Support
> PCIe or SATA Power
> Secure cable

PACKAGE CONTENT

> NVIDIA® Quadro® SYNC II Board
> Printed Quick Start Guide
> Four 30,5 cm connect cables
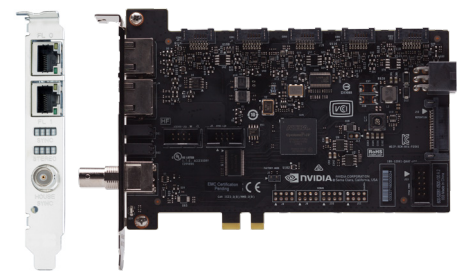> Two 61 cm connect cables

WARRANTY AND SUPPORT

> 3-Year Warranty
> Pre- and Post-Sales Technical Support
> Dedicated Field Application Engineers
> Direct Tech Support Hot Lines

COMPATIBLE CARDS

> Quadro GP100
> Quadro P6000
> Quadro P5000
> Quadro P4000

PNY PART NUMBERS

> VCQPQUADROSYNC2-PB
> VCQP6000SYNC-PB
> VCQP5000SYNC-PB
> VCQP4000SYNC-PB

BENEFITS

> The ability to synchronize the display outputs from 4 Quadro GPUs for a total of 16 synchronized displays per Sync II cards
> Two Sync II cards per chassis can provide up to 32 synchronized displays per chassis.
> Sync II cards can be connected to Sync II cards in another chassis to synchronize displays between systems in visualization clusters.
> Sync II cards can be connected to an external timing signal, synchronizing the output of the GPUs connected to the Sync II card to the external timing.
> Mosaic technology enables up to 16 displays or projectors per systems or per cluster to act like a single large virtual display. The Sync II card can synchronize the 16 displays for Mosaic to provide artifact free images across all 16 displays.
> Create multi-display stereoscopic visualization clusters
> Seamlessly blend multi projector solutions with no visual artifacts
> Support up to two Mosaics. Two Quadro Sync II connected together with the 2 × 7 header can support one to four Mosaics.