

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<sup>1</sup> 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<sup>1</sup> Quadro GPUs
- > Projector Overlap
- > Stereoscopic 3D Support
- > PCIe or SATA Power
- > Secure cable

### PACKAGE CONTENT

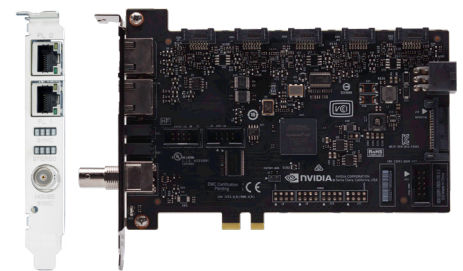
- > NVIDIA® Quadro® SYNC II Board
- > Printed Quick Start Guide
- > Four 30,5 cm connect cables
- > Two 61 cm connect cables

### WARRANTY AND SUPPORT

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

### COMPATIBLE CARDS

- > NVIDIA RTX A6000
- > NVIDIA RTX A5000
- > NVIDIA RTX A4000
- > Quadro RTX 8000
- > Quadro RTX 6000
- > Quadro RTX 5000
- > Quadro RTX 4000
- > Quadro GV100
- > Quadro GP100
- > Quadro P6000
- > Quadro P5000
- > Quadro P4000



### 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 x 7 header can support one to four Mosaics.

<sup>1</sup> Quadro Sync II 32 display support requires a future software update, estimated October 2017. Quadro Sync II cards currently support up to 16 displays.

© 2017 NVIDIA Corporation and PNY. All rights reserved. NVIDIA, the NVIDIA logo, Quadro, nView, CUDA, NVIDIA Pascal, and 3D Vision are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. The PNY logotype is a registered trademark of PNY Technologies. OpenCL is a trademark of Apple Inc. used under license to the Khronos Group Inc. All other trademarks and copyrights are the property of their respective owners. JULY17



PNY Technologies Europe

Rue Joseph Cugnot BP40181 - 33708 Mérignac Cedex | France

T +33 (0)5 56 13 75 75 | F +33 (0)5 56 13 75 77

For more information visit: [www.pny.eu](http://www.pny.eu)