



Digital Signage and Video Walls

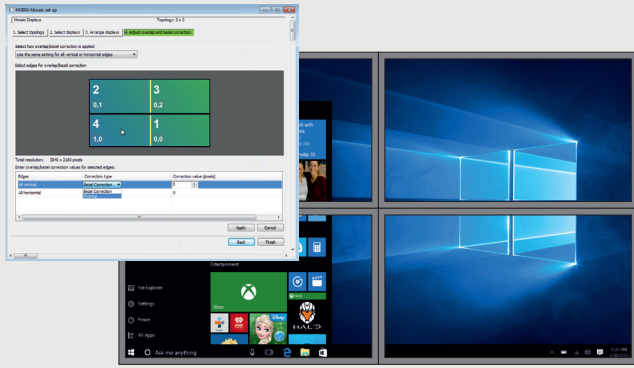


NVIDIA NVS
AUTHORIZED PARTNER
PNY

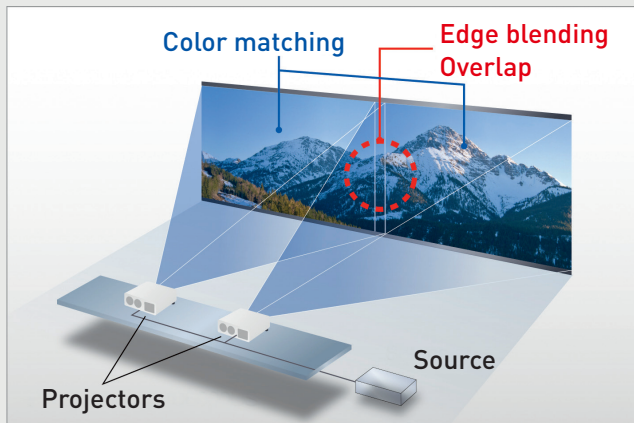
NVIDIA QUADRO
AUTHORIZED PARTNER
PNY

www.pny.com/quadro

Professional Solutions



Unified Desktop



Overlap and Edge blending

nView - Desktop Management Software

Increase productivity with NVIDIA® nView® desktop software to efficiently manage your workspace. Using NVIDIA nView Software, professionals have maximum flexibility and unprecedented control over their workspace.

- ❑ **User Profiles**
IT Managers can deploy different desktop environments based on individual department requirements across the enterprise.
- ❑ **Display Gridlines**
Efficiently use your workspace by dividing the display into multiple sub-regions.
- ❑ **Virtual Desktops**
Eliminate application clutter by creating, customizing, and seamlessly switching between different desktops you create.
- ❑ **Extended Taskbar**
See each application button on its specific display, eliminating a single screen with an overly crowded taskbar.

Mosaic - Multi Display Technology

Whether you want to see your designs across eight displays or project your ideas in 4K, you can with NVIDIA® Mosaic™ multi- display technology. Featured in Quadro and NVS™ graphics card solutions, you can easily span any application across up to 32 high-resolution panels or projectors from a single workstation, without sacrificing performance or power.

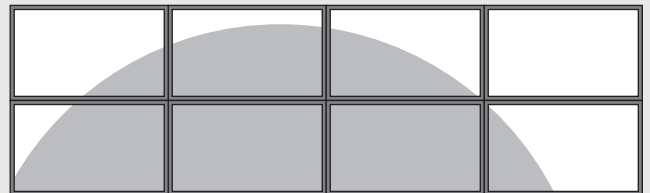
- ❑ **Unified Desktop**
The system views multiple displays as a single unified desktop environment without software customization or performance degradation.
- ❑ **Bezel Correction**
View a fully aligned image across multiple displays by accommodating for the gap between the monitors' bezels.
- ❑ **Seamless Image**
See a flawless image without any tearing artifacts from a fully synchronized display environment.
- ❑ **Projector Overlap**
Create a single, unified desktop image from multiple projectors that support blending.
- ❑ **Desktop Management**
Easily manage a multi-display environment with nView® desktop management software.



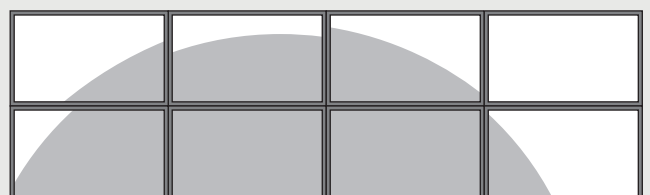
No Tearing



Tearing



Bezel Correction



No Bezel Correction



Quadro M6000 Sync

- 12 GB GDDR5/24 GB GDDR5
- 3072 CUDA Cores
- 317 GB/s
- 250 Watt

PNY Part #: VCQM6000SYNC-PB

- 4x DisplayPort 1.2
- 1x Dual-Link DVI
- 4x 4096x2160 @ 60 Hz
- Genlock/Frame lock
- Dual Slot required plus open slot for Quadro Sync

PNY Part #: VCQM6000SYNC24GB-PB

- ✓ Ultimate performance and interactivity
- ✓ Large models and datasets
- ✓ Cluster deployment with Quadro Sync
- ✓ Remote configuration and image management
- ✓ Up to 16 synced displays from a single system



Quadro M5000 Sync

- 8 GB GDDR5
- 2048 CUDA Cores
- 211 GB/s
- 150 Watt

PNY Part #: VCQM5000SYNC-PB

- 4x DisplayPort 1.2
- 1x Dual-Link DVI
- 4x 4096x2160 @ 60 Hz
- Genlock/Frame lock
- Dual Slot required plus open slot for Quadro Sync

- ✓ Great performance and interactivity
- ✓ 150W power envelop for wide system support
- ✓ Cluster deployment with Quadro Sync
- ✓ Remote configuration and image management
- ✓ Up to 16 synced displays from a single system



Quadro M4000 Sync

- 8 GB GDDR5
- 1664 CUDA Cores
- 192 GB/s
- 120 Watt

PNY Part #: VCQM4000SYNC-PB

- 4x DisplayPort 1.2
- 4x 4096x2160 @ 60 Hz
- Genlock/Frame lock
- Single Slot required plus open slot for Quadro Sync

- ✓ Lowest cost solution for multi-card framelock
- ✓ 120W for widest system support
- ✓ Cluster deployment with Quadro Sync
- ✓ Remote configuration and image management
- ✓ Up to 16 synced displays from a single system



Quadro K1200

- 4 GB GDDR5
- 512 CUDA Cores
- 80 GB/s
- 45 Watt

PNY Part #: VCQMK1200DP-PB (DP)

- 4x miniDisplayPort 1.2
- 4x 4096x2160 @ 60 Hz
- Low Profile / Single Slot

PNY Part #: VCQMK1200DVI-PB (DVI)

- ✓ Video and entry level 3D support
- ✓ Ideal for smaller display walls and signage
- ✓ Low power and low profile for SFF systems
- ✓ Remote configuration and image management



NVS 810

- 4 GB DDR3
- 1024 CUDA Cores
- 28 GB/s
- 68 Watt

PNY Part #: VCNVS810DP-PB (DP)

- 8x miniDisplayPort 1.2
- 8x 4096x2160 @ 30 Hz
- 4x 4096x2160 @ 60 Hz
- Full Size ATX / Single Slot

PNY Part #: VCNVS810DVI-PB (DVI)

- ✓ Video and basic 3D support
- ✓ Single slot and low power for best display density
- ✓ Up to 32 displays from a single system
- ✓ Lowest cost per display
- ✓ Remote configuration and image management



NVS 510

- 2 GB DDR3
- 192 CUDA Cores
- 28 GB/s
- 35 Watt

PNY Part #: VCNVS510DP-PB (DP)

- 4x miniDisplayPort 1.2
- 4x 4096x2160 @ 60 Hz
- Low Profile / Single Slot


PNY Part #: VCNVS510DVI-PB (DVI)

- ✓ Video and basic 3D support
- ✓ Low power and low profile for SFF systems
- ✓ Up to 16 displays from a single system
- ✓ Remote configuration and image management

PNY Advantage

PNY provides unsurpassed service and commitment to its wide variety of graphics customers. In addition, PNY delivers a complete solution including the appropriate adapters, cables, brackets, driver DVD and documentation to ensure a quick and successful install.

- 3 year warranty
- Support for NVIDIA graphics solutions in all system brands
- Pre-and post sales assistance
- Toll-free professional technical support
- Dedicated Field Application Engineers

	1 Card	2 Cards	3 Cards	4 Cards
Quadro M6000 Sync 	4 Overlap + Bezel Correction	8 Overlap + Bezel Correction Quadro Sync card needed	12 Overlap + Bezel Correction Quadro Sync card needed	16 Overlap + Bezel Correction Quadro Sync card needed
Quadro M5000 Sync 	4 Overlap + Bezel Correction	8 Overlap + Bezel Correction Quadro Sync card needed	12 Overlap + Bezel Correction Quadro Sync card needed	16 Overlap + Bezel Correction Quadro Sync card needed
Quadro M4000 Sync 	4 Overlap + Bezel Correction	8 Overlap + Bezel Correction Quadro Sync card needed	12 Overlap + Bezel Correction Quadro Sync card needed	16 Overlap + Bezel Correction Quadro Sync card needed
Quadro K1200 	4 Overlap + Bezel Correction	8 Bezel Correction	12 Bezel Correction	16 Bezel Correction
NVS 810 	8 Overlap + Bezel Correction	16 Bezel Correction	24 Bezel Correction	32* Bezel Correction
NVS 510 	4 Overlap + Bezel Correction	8 Bezel Correction	12 Bezel Correction	16 Bezel Correction

* Win7 max. 24 Displays, Win10 & Linux max. 32 Displays

For more information contact:
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Scalable Visualization Solutions

