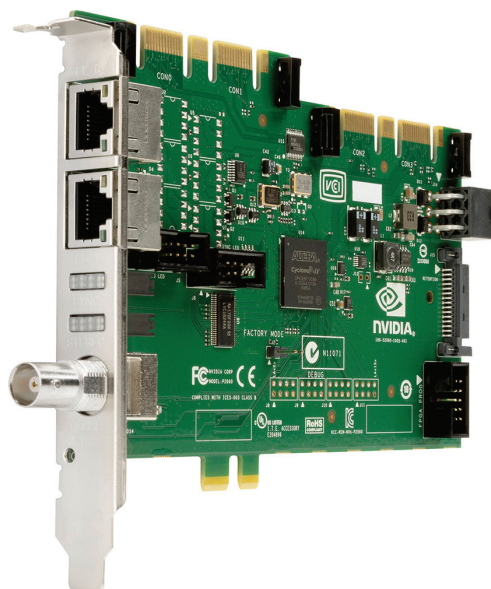


NVIDIA QUADRO SYNC

SYNCHRONIZE 16 DISPLAYS FROM A SINGLE SYSTEM

NVIDIA Quadro Sync brings new levels of flexibility and scalability to ultra-high resolution displays and visualization clusters.

Synchronize up to four Quadro GPUs and up to 16 displays or projectors per system. Increasing GPU and display density reduces the total number of systems required, minimizes operational complexity and reduces costs. NVIDIA Mosaic™ technology transparently scales applications across synchronized displays. Features like Projector Overlap and integrated geometry and intensity adjustment give you pixel-accurate display surfaces. Enjoy more flexibility and capability when deploying ultrahigh resolution display systems with Quadro Sync and Quadro GPUs.



QUADRO SYNC BENEFITS

- Broadcasters can drive a 16 HD display video wall for on-air use with just one system
- Flight simulators can move from HD resolution to four-input 4K projectors with the same size visualization cluster
- Researchers can create stereoscopic 3D 4 x 4 display walls with a single system
- Digital signage or AV solutions can deploy across fewer systems at resolutions ranging from HD to 4K, 5K, or even 8K

QUADRO SYNC SUPPORTS WINDOWS 7, AND LINUX, PROVIDING A ROBUST SYSTEM THAT LETS YOU:

- Keep multi-projector systems or video walls free of imaging artifacts without impacting performance
- Align inputs for multi-input display devices like 4K projectors or panels
- Keep stereoscopic 3D displaying properly across multiple systems
- Align displays or projectors to an external timing source

COMPATIBLE QUADRO BOARDS

- Quadro M6000
- Quadro M5000
- Quadro M4000
- Quadro K6000
- Quadro K5200
- Quadro K5000
- Quadro K4200

CHASSIS REQUIREMENTS

- Single free PCIe slot
- 6-pin PCI or SATA power connector

QUADRO SYNC FEATURES

- 2x RJ-45 Frame Lock connectors
- BNC Genlock connector
- Status indicator LEDs
- 4 sync edge connectors
- Supports up to 4 Quadro GPUs
- Enables advanced Mosaic features
- Projector Overlap
- Stereoscopic 3D Support
- PCIe or SATA Power
- Secure cable and clip retention
- Installs in any open expansion slot

| | |
|------------------------------|--|
| # OF GPUS SUPPORTED | 4 |
| QUADRO SYNC CONNECTORS | RJ45 Frame Lock, BNC Genlock, SLI finger with retention clip |
| QUADRO SYNC THERMAL SOLUTION | Passive |
| QUADRO SYNC SYSTEM INTERFACE | Any available PCIe or PCI expansion slot |
| QUADRO SYNC POWER | 6-pin or SATA power cable |
| HOUSE SYNC | TTL, Composite |
| SWAP LOCK API | OpenGL, Direct 3D |

BEZEL CORRECTION

- View a fully aligned image across multiple displays by accommodating for the gap between the monitors' bezels



Bezel Correction



No Bezel Correction

SEAMLESS IMAGE

- See a flawless image without any tearing artifacts from a fully synchronized display environment



No Tearing



Tearing

PROJECTOR OVERLAP

- Create a single, unified desktop image from multiple projectors that support blending



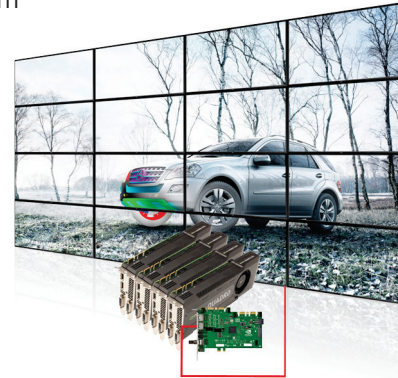
Projector Overlap



No Projector Overlap

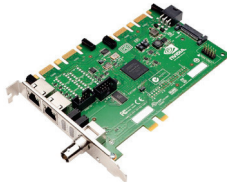
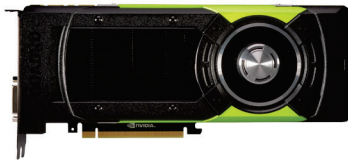
UP TO 16 DISPLAYS

- Synchronize up to four Quadro GPUs in a single system

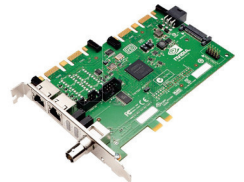
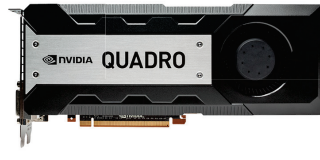


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VCQK6000SYNC-PB EAN: 353640344795



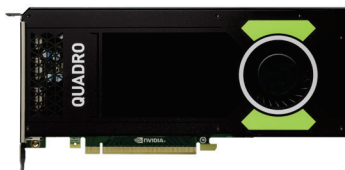
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VCQK5200SYNC-PB EAN: 353640344023



VCQM4000SYNC-PB EAN: 353640345303



VCQK4200SYNC-PB EAN: 353640344078

