

NVIDIA® Quadro® Plex 7000 Scalable Visualization Solution



Target Market: Large Scale Visualization and Collaboration

What is the Quadro Plex 7000 scalable visualization solution?

The Quadro Plex 7000 scalable visualization solution enables simple and economical installation of ultra-high-resolution, multi-display configurations, providing professionals with data collaboration and interpretation environments leading to faster time to insight.

Who needs it?

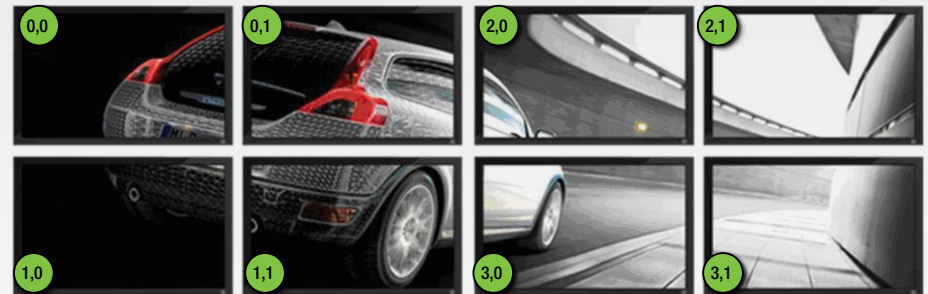
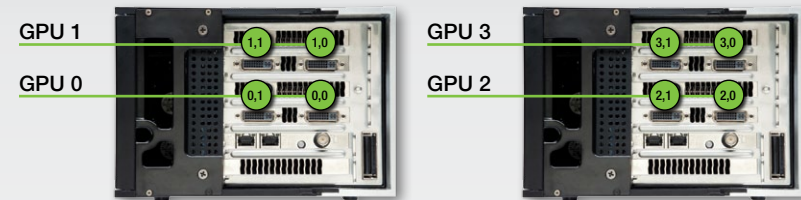
In today's competitive environment, realistic visual interpretation of information across high-resolution displays and projectors are critical for making timely business decisions. By deploying Quadro Plex scalable visualization solutions throughout the enterprise, executives, designers or researchers can benefit from collaboration and interpretation environments that were previously unfeasible technically, or too expensive to deploy.

How do large display walls connect to Quadro Plex?

Quadro Plex connects to a host system through a PCIe x16 interface

- Single Quadro Plex spans up to 4 display channels
- Dual Quadro Plex systems span up to 8 display channels

For More Information Visit: www.pny.com/quadro



Sample Configurations

Display Channels	System Memory	Minimum CPU	Quadro Plex Product	GPU Memory	Interface Needed
Up to 4	12-16GB	Quadcore	1 Quadro Plex 7000	12 GB	1 PCIe x16
Up to 8	24-32GB	Quadcore	2 Quadro Plex 7000	24 GB	1 PCIe x16*

* Requires the Quadro Plex Dual Host Interface Card (DHIC), an interface card designed to connect two Quadro Plex 7000 systems to 1 PCIe x16 slot.



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Customer Qualification	Quadro Plex Solution
Single Workstation: <ul style="list-style-type: none"> • Single Quadro Plex 7000 (up to 4 DVI-I DL channels) • Dual Quadro Plex 7000 (up to 8 DVI-I DL channels) • All connected displays must be the same model, resolution, and run at the same refresh rate • Multiple workstations (cluster) 	Yes Yes Call
Using Switch or Expander	Call
Stereo: <ul style="list-style-type: none"> • Passive • Active 	Yes Yes

See the Big Picture NVIDIA® Quadro® Plex scalable visualization solutions

KEY BENEFITS

- Turnkey large scale visualization solution supports high-resolution environments
- Flexible architecture supports many display configurations with zero performance impact (compared to a single GPU across multiple displays)
- Span any application across multiple displays

QUADRO PLEX SYSTEM REQUIREMENTS

- Host operating system: 64-bit Windows 7, Vista, XP, or Linux strongly recommended
- Host system bus: PCI Express Gen 2 x16
- Host system memory: 8 GB for one Quadro Plex 7000, 16 GB for two Quadro Plex 7000s
- Single Quadro Plex 7000 maximum number of displays: 8 (identical display devices required)
- Dual Quadro Plex 7000s maximum number of displays: 16 (identical display devices required)

Part Number	Product Name	Description
VCSQ7000TK	NVIDIA Quadro Plex 7000	Turnkey system includes: <ul style="list-style-type: none"> • Quadro Plex 7000 system (two Quadro GPUs and one G-Sync) • PCI Express Gen 2.0 Host Interface Card • Attached full height bracket, unattached low profile bracket • 2.0 meter interface cable • Power cord • Driver and documentation CD
VCSRmk7	Quadro Plex 7000 Rack Mount Kit	All accessories necessary to mount two Quadro Plex 7000s in a 3U configuration
SHAX16-I	PCIe x16 Host Interface Card	Replacement host interface card
DSHAX16	PCIe x16 Dual Host Interface Card	Allows two Quadro Plex 7000 systems to be driven from a single x16 PCIe slot

