NVIDIA® Quadro® Plex Scalable Visualization Solutions
Target Market: Large Scale Visualization and Collaboration

What are Quadro Plex scalable visualization solutions?

Quadro Plex scalable visualization solutions enable simple and economical installations of ultra-high-resolution, multi-display configurations providing professionals with collaboration and interpretation environments for faster time to insight.
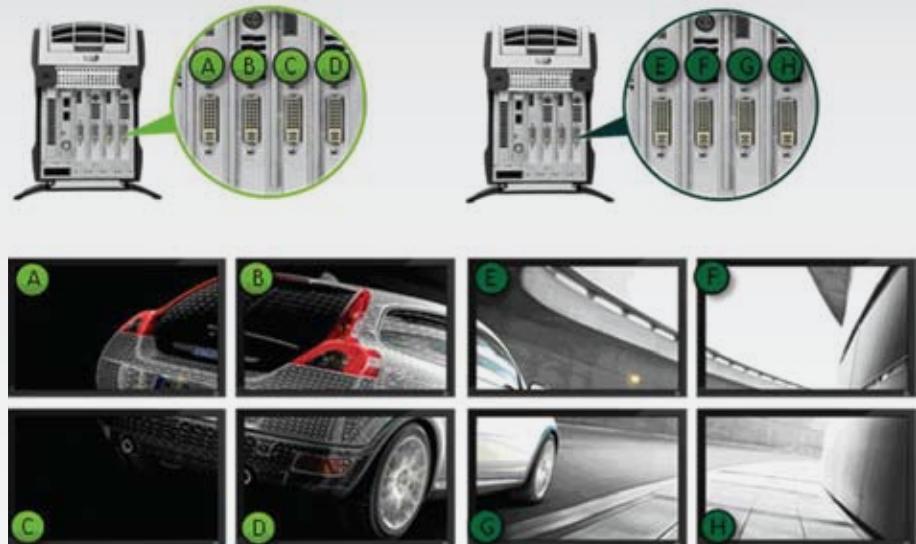
Who needs it?

In today's competitive environment, realistic visual interpretation of information across high-resolution, displays and projectors is critical for making timely business decisions. By deploying Quadro Plex scalable visualization solutions throughout an enterprise, professionals can create collaboration and interpretation.

How do large display walls connect to Quadro Plex?

Quadro Plex connects to a Host system through PCIe x16 interface
• Single Quadro Plex Solutions Span up to 4 Display Channels
• Dual Quadro Plex Solutions Span up to 8 Display Channels

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

Sample Configurations

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

* Requires the Quadro Plex Dual Hardware Interface Card (DuHIC), Special Interface Card to connect two Quadro Plex Systems to 1 PCIe x16 slot.

NVIDIA® Quadro® Plex Scalable Visualization Solutions

Target Market: Large Scale Visualization and Collaboration

Customer Qualification	Quadro Plex Solution
Single Workstation: • Single Quadro Plex D2 (up to 4 DVI Channels) • Dual Quadro Plex D2 (up to 8 DVI Channels) Note* all displays must be of similar type • Multiple Workstations (Cluster)	Yes Yes Call
Using Switch or Expander	Call
Stereo: • Passive • Active	Yes Yes

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

KEY BENEFITS
• Turnkey Large Scale Visualization solution supporting high-resolution environments
• Flexible architecture supports many display configurations with zero performance impact (compared with a single GPU per single display)
• Span any Application Across Multiple Displays

QUADRO PLEX SYSTEM REQUIREMENTS:
• **Host Operating System:** Windows XP 32/64, Linux 32/64
• **Host System Bus:** PCIe Gen2.0 x16 or x8 Slot
• **Host System Memory:** 1 Quadro Plex – 8 GB, 2 Quadro Plex – 16GB
• **Displays:** Maximum of 8 displays; identical display devices required

Part Number	Product Name	Description
VCS2200-D2–X16-PB	NVIDIA Quadro Plex D2 2200	Turnkey System and cabling with PCIe x16 Host adapter Card Includes: • 1 – D2 2200 System (2 FX5800 & 1 G-Sync) • 1 – 2.0 M cable • 1 – Power Cord • 1 – Host Interface Card x16 with Full height and low profile brackets
SHAX16-I	Host Interface Card (HIC) x16	Replacement Host adapter Card for connecting to 1 Quadro Plex to a single PCIe x16 slot
SHAX8-I	Host Interface Card (HIC) x8	Replacement Host adapter Card for connecting to 1 Quadro Plex to a single PCIe x8 slot
DSHAX16	Dual Host Interface Card (DUHIC) x16	Specialty Host adapter Card for connecting to 2 Quadro Plex to a PCIe x16 slot