



# NVIDIA® Quadro® Plex S4 Series

Target Market: Interactive Remote Graphics and Offline Rendering

## What are Quadro Plex S4 Series Solutions?

The Quadro Plex S4 series is a dedicated 1U rackmounted visual computing solution for addressing the most demanding remote graphics and offline rendering problems.

## Who needs it?

In today's competitive environment, any application that requires the ability to visualize and interact with extremely large models remotely, and demands supercomputing processing power, is an ideal candidate for the Quadro Plex S4 Series.

## How do servers connect to the Quadro Plex S4 Series?

Quadro Plex S4 series products connect to servers through two PCIe x16 or PCIe x8 host interfaces and 0.5M or 2.0M interface cables. A dual x16 PCIe interface card is also available that allows two Quadro Plex 2200 S4s to be connected to a single server with an available x16 PCIe slot.



► For More Information: [www.pny.com/quadro](http://www.pny.com/quadro)

NVIDIA Quadro GPU	# Quadro GPUs	CUDA Parallel Processing Cores	Memory Total	Interface Needed*	Form Factor
FX 5800	4	960 (240/GPU)	16GB (4GB/GPU)	PCIe x16 or PCIe x8	1U rackmount

\* The Quadro Plex Dual Hardware Interface Card (DHIC) supports two Quadro Plex S Series systems from a server with one PCIe x16 slot.



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## Quadro Plex S4 Series Overview

The NVIDIA Quadro Plex 2200 S4 dedicated visual computing system (VCS) delivers remote and distributed graphics visualization for breakthrough levels of capability and productivity. Architected with four Quadro FX 5800 GPUs, the Quadro Plex S4 Series enables graphics-intensive, high-density visual computing and unmatched scalability

### KEY BENEFITS

- Advanced remote interactive graphics
- Unprecedented offline rendering compute density
- Revolutionary CUDA parallel computing
- Brings supercomputing capabilities to remote desktops

### QUADRO PLEX S4 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



Customer Qualification	Quadro Plex Solution
Remote Interactive Graphics or Offline Visualization Clusters	Call

Part Number	Product Name	Description
VCS2200S4-BU	NVIDIA Quadro Plex 2200 S4 Base Unit	Quadro Plex 2200 S4 Base Unit (requires two x16 or x8 HICs or one x16 DHIC and two interface cables, 0.5M or 2.0M) <ul style="list-style-type: none"> <li>• 2200 S4 Base Unit (4 FX 5800 GPUs)</li> <li>• Power Cords (NA and PDU)</li> <li>• LP Brackets</li> <li>• Rackmount Kit</li> </ul>
SHAX16-I (two required)	Host Interface Card (HIC) x16	x16 Host Interface Card for Quadro Plex 2200 S4
SHAX8-I (two required)	Host Interface Card (HIC) x8	x8 Host Interface Card for Quadro Plex 2200 S4
DSHAX16 (one required)	Dual Host Interface Card (DHIC) x16	Dual Host Interface Card for connecting to two Quadro Plex 2200 S4s to a PCIe x16 slot
S-1/2M-CBL (two required)	0.5M Interface Cable	Half meter Interface Cable to connect x16 or x8 HIC to Quadro Plex S4
S-2M-CBL (two required)	2.0M Interface Cable	Two meter interface Cable to connect x16 or x8 HIC to Quadro Plex S4