NVIDIA NVS 810 - Now Available

New Products
[NVIDIA NVS 810 for DP Customers](#)
PNY PN: VCNVS810DP-PB
[NVIDIA NVS 810 for DVI Customers](#)
PNY PN: VCNVS810DVI-PB

NVIDIA® NVS™ 810
Build cost-effective, reliable signage solutions with the 8 display output, single slot form factor NVIDIA NVS 810

NVIDIA NVS 810 is the first of its kind to offer eight display outputs, plus the world's most advanced GPU architecture - NVIDIA Maxwell™ - all in a single-slot form factor. This makes it ideal for creating dense signage solutions, delivering the uncompromised performance and reliability required to deploy demanding content in mission-critical signage installations.

Eight mini-DisplayPort 1.2 connectors on the NVIDIA NVS 810 are capable of driving UHD 4K displays at 60 Hz. Plus, it provides advanced features like multi-streaming and stream cloning that enable extremely efficient cable management and display flexibility in complex installations. Key NVIDIA features like bezel correction, synchronization across 8 displays, Warp & Blend, and Mosaic make digital signage easy. The NVS 810 for DVI version also includes eight locking mini-DisplayPort to DVI-D SL adapters for installations requiring DVI displays.

KEY FEATURES

- **Eight Display Outputs**
  The NVS 810 leverages a dual GPU design to offer eight mini-DisplayPort 1.2 connectors capable of driving true 4K displays at 30 Hz.
- **Extreme Scalability**
  Simply combine multiple NVS 810 cards in a single system to create cost-effective, massive signage walls with extreme screen resolution.
- **Advanced Image Management**
  Tap into the NVIDIA DesignWorks™ suite of powerful tools to manage images on complex multi-display configurations.

Specifications

NVIDIA CUDA® Parallel Processing Cores	1024 (512 cores per GPU)
Frame Buffer Memory	4 GB DDR3 (2GB per GPU)
Memory Interface	128-bit (64-bit per GPU)
Memory Bandwidth	28.8 GB/s
Max Power Consumption	68 W
Graphics Bus	PCI Express 3.0 x16
Display Connectors	Mini DP 1.2 (8)
Max Display Support	8x 4096 x 2160 at 30Hz, 4x 4096 x 2160 at 60Hz
Form Factor	4.4" H x 7.8" L Single Slot
Thermal Solution	Active
Warranty	3 Years

NVIDIA NVS 810 for DP

NVIDIA NVS 810 for DVI

Datasheets:

- [NVIDIA Quadro & NVS Line Card Brochure](#)
- [NVIDIA NVS 810 for DP brochure](#)
- [NVIDIA NVS 810 for DVI brochure](#)

To find out which NVIDIA Quadro professional graphics board is right for you visit www.pny.com/configurator