



Professional Graphics by
PNY



NVIDIA® Quadro® 5000 SDI by PNY Technologies®

VCQ5000SDI-PB

NVIDIA Quadro 5000 SDI by PNY Technologies, is the ideal solution for digital broadcast professionals, who use various applications such as virtual-sets, sports, and weather news systems to composite live video footage onto virtual backgrounds and send the result to live video for TV broadcast. NVIDIA Quadro SDI solutions also allow film production, post-production, and finishing professionals to preview the results of 3D compositing, editing, and color grading in real time on high definition (HD) broadcast monitors. This graphics-to-video-out solution delivers uncompressed 8-, 10-, or 12-bit SDI from programmable graphics, enabling a direct connection to broadcast monitors, switchers, tape decks, or SDI projectors.

The Quadro SDI solutions provide two channels—fill or key—of 8-, 10-, or 12-bit uncompressed SDI in 2K, HD, or SD formats, and analog and digital house synchronization. It supports both Microsoft® Windows® and Linux, and works on top of existing applications, or can be easily integrated within a broadcast or video editing application through the NVIDIA API.

PNY Advantage:

- 3 year warranty
- Support for NVIDIA Quadro by PNY in all system brands
- Pre- and post-sales technical support
- Toll-free professional technical support
- Dedicated Field Application Engineers

PNY provides unsurpassed service and commitment to its professional graphics customers. In addition, PNY delivers a complete solution including the appropriate adapters, cables, brackets, driver CD and documentation to ensure a quick and successful install.

PRODUCT SPECIFICATIONS:

Memory	2.5GB GDDR5
Memory Interface	320-bit
Memory Bandwidth	120GB/sec
CUDA Parallel Processing Cores	352
Physical dimensions (Quadro 5000)	ATX form factor, 4.376" (H) x 9.50" (L), Dual Slot
Physical dimensions (SDI Output Card)	ATX form factor, 3.875 inches high x 6.60 inches long
Maximum Power Consumption (Quadro 5000)	152W
Maximum Power Consumption (SDI Output Card)	7W
Graphics Bus (Quadro 5000)	PCI Express Gen 2 x16
Graphics Bus (SDI Output Card)	Not applicable, for mechanical stabilization only
Display Connectors (Quadro 5000)	DVI-I DL + DisplayPort (2) + ST
Dual Link DVI	Yes (1), used by crossover cable
DisplayPort	Yes (2)
Connectors (SDI Output Card)	BNC Fill, BNC Key, BNC Input (Sync)
Auxiliary power connectors (Quadro 5000)	Yes (1) 6-pin
Thermal Solution (Quadro 5000)	Active fansink
PNY part number	VCQ5000SDI-PB



For more information visit: www.pny.com/quadro

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Make Life Simple™

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