

NVIDIA QUADRO
AUTHORIZED PARTNER

PNY®



NVIDIA® Quadro® K6000 SDI

VCQK6000SDI-PB

ULTIMATE GRAPHICS-TO-VIDEO SOLUTION FOR BROADCAST, VIDEO AND FILM

Offering 12GB of GDDR5 graphics memory, 2880 NVIDIA CUDA® parallel processing cores, and built on the latest NVIDIA Kepler™ architecture, the NVIDIA Quadro K6000 SDI delivers unmatched performance across a broad range of broadcast, video and film pre- and post-production applications that require the compositing of 3D or other computer generated graphics in real-time with 2K, HD or SD video.

The Quadro K6000 SDI allows broadcast, video and film production, post-production, and finishing professionals to preview the results of 3D compositing, editing, and color grading in real-time on high definition broadcast monitors. The 8-, 10-, or 12-bit SDI generated from programmable graphics enables a direct connection to broadcast monitors, switchers, tape decks, or SDI projectors.

PACKAGE INCLUDES

- NVIDIA Quadro K6000 professional graphics board
- Stereo connector bracket
- Two DisplayPort to DVI-D SL adapters
- DVI to VGA adapter
- 6-pin auxiliary power cable
- Software installation and documentation disc for Windows
- NVIDIA Quadro SDI Output board
- DVI to DVI crossover cable and

- ribbon connector cable
- Cable retention clips
- Printed K6000 and Quadro SDI Output QuickStart Guidet

PNY ADVANTAGE

- 3 year warranty
- Support for NVIDIA Quadro in any system brand
- Pre- and post-sales assistance
- Toll-free professional technical support
- Dedicated Field Application Engineers

PNY provides unsurpassed service and commitment to its professional graphics customers and delivers a complete solution including the appropriate adapters, cables, brackets, software installation disc, and PDF and printed documentation to ensure a quick and successful installation process.



For more information visit
www.pny.com/quadro

PRODUCT SPECIFICATIONS

CUDA Cores	2880
GPU Memory	12GB GDDR5
Memory Interface	384-bit
Memory Bandwidth	288GB/s
K6000 System Interface	PCI Express 3.0 x16
SDI Output System Interface	Any available slot
K6000 Maximum Power	225W
SDI Output Maximum Power	14W
Energy Star Enabling	Yes
K6000 Thermal Solution	Ultra-quiet active fansink
SDI Output Thermal Solution	Passive
K6000 Dimensions	4.376" H x 10.50" L, dual slot
SDI Output Dimensions	3.875" H x 6.60" L, single slot
K6000 Display Connectors	DVI-DL (2) + DP 1.2 (2) + Stereo
DisplayPort 1.2	Yes
DisplayPort with Audio	Yes
DVI-D SL Connectors	Yes, via included adapters
VGA Connector	Yes, via included adapter
Number of Displays Supported	3 (4 with DP 1.2 MST)
SDI Output Connectors	3 BNC (SDI Fill, SDI Key, Genlock)
Maximum DP 1.2 Resolution	4096 x 2160 at 60Hz
Maximum DVI-DL Resolution	2560 x 1600 at 60Hz
Maximum DVI-SL Resolution	1920 x 1200 at 60Hz
Maximum VGA Resolution	2048 x 1536 at 85Hz
HDCP Support	Yes
Professional 3D Support	Yes, via included stereo connector bracket
Graphics APIs	Shader Model 5.0, OpenGL 4.3, DirectX 11
Compute APIs	CUDA, DirectCompute, OpenCL
NVIDIA 3D Vision and 3D Vision Pro	Yes
PNY Part Number	VCQK6000SDI-PB

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PNY Technologies, Inc. 100 Jefferson Road, Parsippany, NJ 07054 | Tel 408 567 5500 | Fax 408 855 0680

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