



THE POWER TO REALIZE YOUR VISION NVIDIA® QUADRO® K2000

Outstanding NVIDIA Kelper™ Architecture Performance and Quad Display Support Enhances Professional Productivity and Creativity

The NVIDIA® Quadro® K2000 offers the perfect blend of performance and the latest productivity enhancing technical innovations at a very reasonable cost for a wide range of leading professional applications. You get 2GB of GDDR5 GPU memory, 384 SMX CUDA parallel processing cores, the ability to drive up to four displays simultaneously, and full Shader Model 5 compatibility; all in a single slot form factor which requires no auxiliary power to deliver full performance.

Designed and built specifically for professional workstations, NVIDIA Quadro GPUs power more than 200 professional applications across a broad range of industries including manufacturing, media and entertainment, sciences, and energy. Professionals trust them to realize their most ambitious visions – whether it's product design, visualization and simulation, or spectacular visual storytelling – and get results to market faster, more profitably, and with superior visual quality.

FEATURES

- > Two DisplayPort 1.2 Connectors
- > DisplayPort with audio
- > DVI-I Dual-Link Connector
- > VGA support¹
- > nView desktop management software compatible
- > HDCP support
- > NVIDIA Mosaic²



SPECIFICATIONS

GPU Memory	2GB GDDR5
Memory Interface	128-bit
Memory Bandwidth	64.0GB/s
CUDA Cores	384
System Interface	PCI Express 2.0 x16
Max Power Consumption	51W
Thermal Solution	Ultra-quiet active fansink
Form Factor	4.376" H x 7.97" L, Single Slot, Full Height
Display Connectors	DVI-I DL + 2x DP1.2
Max Simultaneous Displays	3 direct, 4 DP1.2, 2 Win XP
Max DP 1.2 Resolution	3840 x 2160 at 60Hz
Max DVI-I DL Resolution	2560 x 1600 at 60Hz
Max DVI-I SL Resolution	1920 x 1200 at 60Hz
Max VGA Resolution	2048 x 1536 at 85Hz
Graphics APIs	Shader Model 5.0, OpenGL 4.4, DirectX 11
Compute APIs	CUDA, DirectCompute, OpenCL

¹ Via supplied adapter/connector/bracket | ² Windows 7, 8 and Linux

© 2013 NVIDIA Corporation. All rights reserved. NVIDIA, the NVIDIA logo, NVS, nView, CUDA, and GigaThread are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. All other trademarks and copyrights are the property of their respective owners.