

THE POWER TO REALIZE YOUR VISION NVIDIA® QUADRO® K2000D

Outstanding NVIDIA Kelper™ Architecture Performance Optimized for Medical Imaging Solutions and DVI Display Users

The NVIDIA Quadro K2000D graphics board 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. With two DVI-DL connectors, and the ability to drive a third DVI-SL display, the K2000D is an ideal choice for medical imaging 10- or 12-bit grayscale displays. You also get 2GB of GDDR5 GPU memory, 384 SMX CUDA parallel processing cores, 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 demanding needs – whether it's product design, visualization and simulation, or medical and diagnostic imaging.

FEATURES

- > Two DVI Dual-Link Connectors
- > Mini-DisplayPort 1.2 Connector
- > DisplayPort with audio
- > VGA support¹
- > nView desktop management software compatible
- > HDCP support
- > Mosaic mode²



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 + DVI-D DL + mini-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 and Linux