NVIDIA Kepler™ Architecture
Performance and Features in An Affordable Low-Profile Professional Graphics Solution

The NVIDIA® Quadro® K600 graphics board offers great performance and outstanding features at an affordable price for a wide range of leading professional applications. You get 1GB of onboard DDR3 GPU memory, 192 SMX CUDA parallel processing cores, and full Shader Model 5 compatibility; all in a low-profile form factor for maximum system flexibility.

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**
- DisplayPort 1.2 Connector
- DisplayPort with Audio
- DVI-I Dual-Link Connector
- VGA Support
- nView Desktop Management Software Compatible
- HDCP Support
- Mosaic Mode

**SPECIFICATIONS**
- GPU Memory: 1GB DDR3
- Memory Interface: 128-bit
- Memory Bandwidth: 29.0GB/s
- CUDA Cores: 192
- System Interface: PCI Express 2.0 x16
- Max Power Consumption: 41W
- Thermal Solution: Ultra-quiet active fansink
- Form Factor: 2.713” H × 6.3” L, Single Slot, Low Profile
- Display Connectors: DVI-I DL + DP1.2
- Max Simultaneous Displays: 2
- Max DP 1.2 Resolution: 3840 × 2160 at 60Hz
- Max DVI-I DL Resolution: 2560 × 1600 at 60Hz
- Max DVI-I SL Resolution: 1920 × 1200 at 60Hz
- Max VGA Resolution: 2048 × 1536 at 85Hz
- Graphics APIs: Shader Model 5.0, OpenGL 4.4, DirectX 11
- Compute APIs: CUDA, DirectCompute, OpenCL

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