Accelerate your creativity with NVIDIA® Quadro®—the world’s most powerful workstation graphics.

The NVIDIA Quadro K4200 delivers incredible 3D application performance and capability, allowing you to take advantage of dual copy-engines for seamless data movement between GPU and system memory—all in a flexible, single-slot form factor. 4 GB of GDDR5 GPU memory with ultra-fast bandwidth is ideal for creating and rendering large, complex models. An all-new display engine drives up to four displays with DisplayPort 1.2 support for ultra-high resolutions like 3840x2160 @ 60 Hz with 30-bit color. Synchronize multiple displays across systems with the Quadro Sync board. Accelerate data transfer with external I/O boards through GPUDirect™ for Video and dual-copy engines.

Quadro cards are certified with a broad range of sophisticated professional applications, tested by leading workstation manufacturers, and backed by a global team of support specialists, giving you the peace of mind to focus on doing your best work. Whether you’re developing revolutionary products or telling spectacularly vivid visual stories, Quadro gives you the performance to do it brilliantly.

FEATURES
- Two DisplayPort 1.2 Connectors
- DisplayPort with Audio
- DVI-I Dual-Link Connector
- VGA Support
- 3D Stereo Support
- HD SDI Capture/Output Compatibility
- NVIDIA GPUDirect™ Support
- Quadro Sync Compatibility
- Stereo Connector
- NVIDIA nView™ Desktop Management Software Compatibility
- HDCP Support
- NVIDIA Mosaic

SPECIFICATIONS
- GPU Memory: 4 GB GDDR5
- Memory Interface: 256-bit
- Memory Bandwidth: 173.0 GB/s
- NVIDIA CUDA® Cores: 1344
- System Interface: PCI Express 2.0 x16
- Max Power Consumption: 108 W
- Thermal Solution: Ultra-Quiet Active Fansink
- Form Factor: 4.376” H × 9.50” L, Single Slot, Full Height
- Display Connectors: DVI-I DL + 2x DP 1.2
- Max Simultaneous Displays: 3 direct, 4 DP 1.2 Multi-Stream
- Max DP 1.2 Resolution: 3840 x 2160 at 60 Hz
- Max DVI-I DL Resolution: 2560 x 1600 at 60 Hz
- Max DVI-I SL Resolution: 1920 x 1200 at 60 Hz
- Max VGA Resolution: 2048 x 1536 at 85 Hz
- Graphics APIs: Shader Model 5.0, OpenGL 4.5, DirectX 11.2
- Compute APIs: CUDA, DirectCompute, OpenCL

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1 Via supplied adapter/connector/bracket | 2 Windows 7, 8, 8.1 and Linux | 3 Product is based on a published Khronos Specification, and is expected to pass the Khronos Conformance Testing Process when available. Current conformance status can be found at www.khronos.org/conformance | 4 GPU supports DX 11.2 API, Hardware Feature Level 11.0