

PART NUMBER:
VCQK4200-PB

NVIDIA Quadro K4200 by PNY
INCREDIBLE GRAPHICS
PERFORMANCE



Accelerate your creativity with NVIDIA® Quadro®—the world’s most powerful workstation graphics. Support for multiple 4K displays, large memory capacity, advanced photorealistic rendering and flexible multi-GPU configurations.

The NVIDIA Quadro K4200 delivers incredible 3D application performance and capability, allowing you to take advantage of dual copy-engines for seamless data movement within GPU 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. DisplayPort 1.2 support for ultra-high resolutions like 3840x2160 @ 60 Hz with 30-bit color and an all-new display engine drives up to four displays. Plus, NVIDIA Sync allows you to frame-lock multiple displays together and take advantage of SDI video input/output.

NVIDIA Quadro is the world’s most advanced visual computing platform for workstations. Much more than a powerful graphics accelerator for sophisticated applications used by professionals, NVIDIA Quadro enables you to create and collaborate in exciting new ways. This makes it the #1 solution for designing, visualizing, and simulating your ideas.

NVIDIA Quadro by PNY GPUs are designed, built, and tested by NVIDIA specifically for professional workstations powering more than 150 professional applications across a broad range of industries, including manufacturing, media and entertainment, sciences, and energy.

QUADRO K4200 - PRODUCT SPECIFICATIONS

GPU MEMORY	4 GB GDDR5
MEMORY INTERFACE	256-bit
MEMORY BANDWIDTH	173 GB/s
CUDA CORES	1344
SYSTEM INTERFACE	PCI Express 2.0 x16
MAX POWER CONSUMPTION	108 W
THERMAL SOLUTION	Ultra-quiet active fansink
FORM FACTOR	111.15 mm (H) x 241.3 mm (L) Dual Slot, Full Height
DISPLAY CONNECTORS	1 x DVI-DL 2 x DP1.2 1 x Stereo ¹
MAX SIMULTANEOUS DISPLAYS	3 direct, 4 DP 1.2 Multi-Stream
MAX DP 1.2 RESOLUTION	3048 x 2160 @ 60 Hz
MAX DVI-DL RESOLUTION	2560 x1600 @ 60 Hz 1920 x1200 @ 120 Hz
MAX DVI-SL RESOLUTION	1920 x1200 @ 60 Hz
MAX VGA RESOLUTION	2048 x 1536 at 85 Hz
GRAPHICS APIS	Shader Model 5.0, OpenGL 4.5 ² , DirectX 11.2 ³
COMPUTE APIS	CUDA, DirectCompute, OpenCL
PACKAGE CONTENT	- 2 x DP to DVI (SL) adapter P/N: GSP-DPDMISL - DVI to VGA adapter P/N: GSP-DVIVGA - Stereo Connector P/N: GSP-STEREOQ4000-PB
PART NUMBER	VCQK4200-PB

¹ Via supplied adapter/connector/bracket

² 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

³ GPU supports DX 11.2 API, Hardware Feature Level DX 11.0