PART NUMBER:
VCQM2000-PB

NVIDIA Quadro M2000 by PNY

REAL INTERACTIVE EXPRESSION

The Perfect Balance of Superb Performance, Compelling Features, and Compact Form Factor. The Quadro M2000 delivers incredible creative experiences across a broad range of professional 3D applications.

This advanced graphics card features an NVIDIA Maxwell™- based GPU, plus 4 GB of ultra-fast on-board memory and the power to drive four 4K displays natively. This makes it an excellent choice for accelerating product development and content creation workflows that demand fluid interactivity with complex models and scenes. Creative professionals can tap into this increased performance—as well as hardware HEVC encode and decode engines—to accelerate both creation and playback of HEVC content.

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 M2000 - PRODUCT SPECIFICATIONS

GPU MEMORY	4 GB GDDR5
MEMORY INTERFACE	128-bit[1]
MEMORY BANDWIDTH	106 GB/s
GPU PROCESSING CORES	768
SYSTEM INTERFACE	PCI Express 3.0 x16
MAX POWER CONSUMPTION	75 W
THERMAL SOLUTION	Ultra-quiet Active Fansink
FORM FACTOR	110 mm (H) x 167 mm (L) Single Slot, Full Height
DISPLAY CONNECTORS	4 x DP 1.2
MAX SIMULTANEOUS DISPLAYS	4 direct, 4 DP 1.2 Multi-Stream
MAX DP 1.2 RESOLUTION	4096 x 2160 @ 60 Hz
MAX DVI-I SL RESOLUTION[2]	1920 x1200 @ 60 Hz
GRAPHICS APIS	Shader Model 5.0, OpenGL 4.5, DirectX 12[3]
COMPUTE APIS	CUDA, DirectCompute, OpenCL
PACKAGE CONTENT	4 x DP to DVI (SL) adapter P/N: QSP-DPDVISL
WEIGHT	239g
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EAN NUMBER	3536403348441

[1] The 128-bit memory system utilizes Maxwell's segmented memory capability
[2] Via supplied adapter/connector/bracket
[3] GPU supports DX 12 API Hardware Feature Level 12_1

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