



## REAL INTERACTIVE EXPRESSION NVIDIA® QUADRO® M2000

### The Perfect Balance of Superb Performance, Compelling Features, and Compact Form Factor.

Delivering 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.

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. This gives 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

- > Four DisplayPort 1.2 Connectors
- > DisplayPort with Audio
- > NVIDIA nView™ Desktop Management Software Compatibility
- > HDCP Support
- > NVIDIA Mosaic<sup>1</sup>



#### SPECIFICATIONS

GPU Memory	4 GB GDDR5
Memory Interface	128-bit
Memory Bandwidth	Up to 106 GB/s
NVIDIA CUDA Cores	768
System Interface	PCI Express 3.0 x16
Max Power Consumption	75 W
Thermal Solution	Active
Form Factor	4.376" H x 6.6 L Single Slot
Display Connectors	DP 1.2 [4]
Max Simultaneous Displays	4 DP 1.2 Multi-Stream
Max DP 1.2 Resolution	4096 x 2160 @ 60Hz
Graphics APIs	DirectX 12 <sup>2</sup> OpenGL 4.5 <sup>3</sup> Shader Model 5.0 Vulkan 1.0 <sup>3</sup>
Compute APIs	CUDA, DirectCompute, OpenCL™

<sup>1</sup> Windows 7, 8, 8.1, 10 | <sup>2</sup> GPU supports DX 12 API Hardware Feature Level 12\_1 | <sup>3</sup> 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](http://www.khronos.org/conformance)

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