NVIDIA

QUADRO

UNMATCHED POWER.
UNMATCHED CREATIVE
FREEDOM.
NVIDIA® QUADRO® P6000

The World's Most Powerful Workstation Graphics Card.

The NVIDIA Quadro P6000 is the world's most advanced professional graphics solution ever created, combining the latest GPU, memory and display technologies that result in unprecedented performance and breakthrough capabilities. Professionals across of range of industries can now create their most complex designs, solve the most challenging visualization problems and experience their creations within the most detailed, life-like VR environments.

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 1.4 Connectors
> DisplayPort with Audio
> VGA Support[1]
> 3D Stereo Support with Stereo Connector[1]
> NVIDIA GPUDirect™ Support
> Quadro Sync II[2] Compatibility
> NVIDIA nView® Desktop Management Software
> HDCP 2.2 Support
> NVIDIA Mosaic[3]

SPECIFICATIONS

GPU Memory	**24 GB GDDR5X**
Memory Interface	**384-bit**
Memory Bandwidth	**Up to 432 GB/s**
NVIDIA CUDA® Cores	**3840**
System Interface	**PCI Express 3.0 x16**
Max Power Consumption	**250 W**
Thermal Solution	**Active**
Form Factor	**4.4"H x 10.5" L, Dual Slot, Full Height**
Display Connectors	**4x DP 1.4 + DVI-D DL**
Max Simultaneous Displays	**4 direct, 4 DP1.4 Multi-Stream**
Max DP 1.4 Resolution	**7680 x 4320 @ 30 Hz**
Max DVI-D DL Resolution	**2560 x 1600 @ 60 Hz**
Graphics APIs	**Shader Model 5.1, OpenGL 4.5[4], DirectX 12.0[5], Vulkan 1.0[4]**
Compute APIs	**CUDA, DirectCompute, OpenCL™**

To learn more about the NVIDIA Quadro P6000 visit **www.nvidia.com/quadro**

[1] Via adapter/connector/bracket | [2] Quadro Sync II card sold separately | [3] Windows 7, 8, 8.1, 10 and Linux | [4] 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 | [5] GPU supports DX 12.0 API, Hardware Feature Level 12_1