



# AS REAL AS IT GETS

## NVIDIA® QUADRO® VR

### CREATE IT.



VRWorks™ is a comprehensive suite of APIs, libraries, and engines that enable application and headset developers to create amazing Virtual Reality experiences.

VRWorks enables a new level of presence by bringing physically realistic visuals, sound, touch interactions, and simulated environments to Virtual Reality.

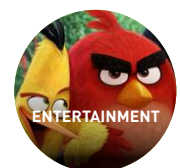
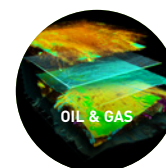


1	GRAPHICS	Multi-res shading, VR Scalable Link Interface (VR SLI), Single Pass Stereo, and Lens-Matched Shading
2	HEADSET	Context Priority, Direct Mode, Front Buffer Rendering
3	AUDIO	VRWorks Audio, OptiX™
4	TOUCH & PHYSICS	NVIDIA® PhysX®
5	MULTI DISPLAY	Warp & Blend, Mosaic, GPU Synchronization
6	PRO VIDEO	GPUDirect™ for Video

### LIVE IT.

Virtual Reality creation and consumption requires the highest-performance graphics to deliver the smoothest, most immersive and life-like VR experiences.

Only NVIDIA VR Ready designated Quadro graphics have the level of performance and capabilities essential for best VR experiences across professional applications.



#### SCALABLE PERFORMANCE

Blazing fast single and multi-GPU performance for high-resolution, jitter-free VR

#### MASSIVE MEMORY

Larger memory capacity for VR assets than consumer graphics solutions

#### PHOTOREALISM

NVIDIA Iray technology for interactive photorealistic visualization in VR

#### APPLICATION CERTIFICATION

Certified with 100s of professional applications to enable accelerated workflows

#### RELIABILITY

Designed, built and tested by NVIDIA for 24/7 usage in the enterprise

#### GLOBAL SUPPORT

Deep industry solutions expertise and enterprise level technical support

### NVIDIA QUADRO ADVANTAGE

# NVIDIA® QUADRO® VR READY SOLUTIONS

## FOR DESKTOP WORKSTATIONS

### PASCAL ARCHITECTURE



QUADRO GP100	
CUDA Parallel-Processing Cores	3584
GPU Memory	16 GB HBM2
Max Power Consumption	235 W



2x QUADRO P6000 (VR SLI)	
CUDA Parallel-Processing Cores	3840
GPU Memory	24 GB GDDR5X
Max Power Consumption	250 W



QUADRO P6000	
CUDA Parallel-Processing Cores	3840
GPU Memory	24 GB GDDR5X
Max Power Consumption	250 W



QUADRO P5000	
CUDA Parallel-Processing Cores	2560
GPU Memory	16 GB GDDR5X
Max Power Consumption	180 W



QUADRO P4000	
CUDA Parallel-Processing Cores	1792
GPU Memory	8 GB GDDR5
Max Power Consumption	105 W

### MAXWELL ARCHITECTURE



2x QUADRO M6000 24 GB (VR SLI)	
CUDA Parallel-Processing Cores	3072
GPU Memory	24 GB GDDR5
Max Power Consumption	250 W



QUADRO M6000 24 GB	
CUDA Parallel-Processing Cores	3072
GPU Memory	24 GB GDDR5
Max Power Consumption	250 W



QUADRO M6000	
CUDA Parallel-Processing Cores	3072
GPU Memory	12 GB GDDR5
Max Power Consumption	250 W



QUADRO M5000	
CUDA Parallel-Processing Cores	2048
GPU Memory	8 GB GDDR5
Max Power Consumption	150 W

## FOR MOBILE WORKSTATIONS

	QUADRO M5500	QUADRO P5000	QUADRO P4000
CUDA Parallel-Processing Cores	2048	2048	1792
GPU Memory	8 GB GDDR5	16 GB GDDR5	8 GB GDDR5
Max Power Consumption	100 W	100 W	100 W



### VR READY PARTNERS

Workstations with NVIDIA VR Ready Quadro graphics are available from our global partners, including:

