AS REAL AS IT GETS

# NVIDIA RTX For Virtual Reality

WWW.PNY.COM/VR

## CREATE IT.

NVIDIA VRWORKS™

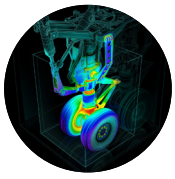
VRWorks™ is a comprehensive suite of APIs, libraries, and engines that enable application and headset developers to create amazing Virtual Reality experiences.

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


## LIVE IT.

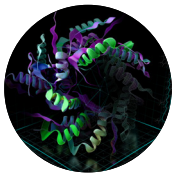
Virtual Reality creation and consumption requires the highest-performance graphics to deliver the smoothest, most immersive and life-like VR experiences.

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



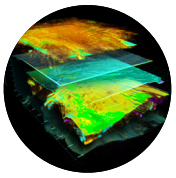
INDUSTRIAL DESIGN

MEDICAL



LIFE SCIENCES

ARCHITECTURE



OIL & GAS

ENTERTAINMENT

| | | |
|---|---|---|
| 1 | **Graphics** | Multi-View Shading, Foveated Rendering, Variable Rate Shading, USD and MDL. |
| 2 | **Headset** | Context Priority, Direct Mode, Front Buffer Rendering, VirtualLink |
| 3 | **Audio** | VRWorks Audio, OptiX™ |
| 4 | **Touch & Physics** | NVIDIA® PhysX® |
| 5 | **Multi Display** | Warp & Blend, Mosaic, GPU Synchronization |
| 6 | **Pro Video** | GPUDirect™ for Video |

| | |
|---|---|
| **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 RTX real-time cinematic quality rendering for VR |
| **Application Performance** | 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 RTX ADVANTAGE

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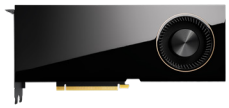
NVIDIA RTX

# VR Ready Solutions

## For Desktop Workstations:

### Ampere Architecture



| NVIDIA RTX A6000 48 GB ECC | |
|---|---|
| CUDA Cores | 10752 |
| GPU Memory | 48 GB GDDR6 |
| Max Power Consumption | 300 W |

| NVIDIA RTX A5000 24 GB ECC | |
|---|---|
| CUDA Cores | 8192 |
| GPU Memory | 24 GB GDDR6 |
| Max Power Consumption | 230 W |

| NVIDIA RTX A4000 16 GB ECC | |
|---|---|
| CUDA Cores | 6144 |
| GPU Memory | 16 GB GDDR6 |
| Max Power Consumption | 140 W |

### Volta Architecture


| NVIDIA RTX A6000 48 GB ECC | |
|---|---|
| CUDA Cores | 4608 |
| GPU Memory | 48 GB GDDR6 |
| Max Power Consumption | 295w |

### Turing Architecture


| NVIDIA RTX 8000 48 GB ECC | |
|---|---|
| CUDA Cores | 4608 |
| GPU Memory | 48 GB GDDR6 |
| Max Power Consumption | 295 W |


| NVIDIA RTX 6000 24 GB ECC | |
|---|---|
| CUDA Cores | 4608 |
| GPU Memory | 24 GB GDDR6 |
| Max Power Consumption | 295 W |


| NVIDIA RTX 5000 16 GB ECC | |
|---|---|
| CUDA Cores | 3702 |
| GPU Memory | 16 GB GDDR6 |
| Max Power Consumption | 230 W |


| NVIDIA RTX 4000 8 GB | |
|---|---|
| CUDA Cores | 2304 |
| GPU Memory | 8 GB GDDR6 |
| Max Power Consumption | 125 W |

HAVE QUESTIONS?

Contact your **PNY Account Manager**, email **GOPNY@PNY.COM** or visit **WWW.PNY.COM/NVIDIA-PRO-GRAPHICS**

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