

Technology drives innovation. With each new leap forward, we are given glimpses into what is possible, and the opportunity to utilize those newfound possibilities to change the ways in which we work. Quadro RTX introduces advanced Tensor Cores to accelerate AI for High Performance Computing (HPC), making what was once considered science fiction into performance enhancing fact.

## BENEFITS INCLUDE:

Quadro RTX Deep-learning AI is powered by Tensor Cores and supplemented with RT Cores enabling AI-aided cinematic quality ray tracing. This incredible and unique capability allows for the lifelike inclusion of lighting and material effects exactly as would be found in nature.

AI-enhanced imaging utilizes predictive mapping to reduce rendering times and provide enhanced details in a fraction of the time for everything from VFX movie or television work to advanced visualization, simulation, and VR environments.

Utilizing Quadro RTX AI and deep-learning features, a data scientist or others can pour through mountains of data in search of patterns and significant outliers, producing actionable results and transforming your GPU from a passive piece of equipment into an active research assistant.

Robotics driven by the AI-enabled Quadro RTX do more than follow tasks. Equipped with adaptive intelligence, robotic assistants can recognize and circumvent potential pitfalls, adapt to an evolving environment, and aid in medical operations with delicate accuracy beyond that of human hands.

The future of GPU-based technology is here, and it is the AI-enabled Quadro RTX. To learn more about how AI-based operations can change the way you work visit [WWW.PNY.COM/AI](http://WWW.PNY.COM/AI)

## SPECIFICATIONS AT A GLANCE:

GPU	PART NUMBER	MEMORY	MEMORY W/ NVLink	CUDA CORES	TENSOR CORES
<b>Quadro RTX 8000</b>	VCQRTX8000-PB	48GB GDDR6 ECC	96GB GDDR6 ECC	4,608	576
<b>Quadro RTX 6000</b>	VCQRTX6000-PB	24GB GDDR6 ECC	48GB GDDR6 ECC	4,608	576
<b>Quadro RTX 5000</b>	VCQRTX5000-PB	16GB GDDR6 ECC	32GB GDDR6 ECC	3,072	384
<b>Quadro RTX 4000</b>	VCQRTX4000-PB	8GB GDDR6	N/A	2,304	288
<b>Quadro GV100</b>	VCQGV100-PB	32GB HBM2	64GB HBM2	5,120	640

For more information, contact a PNY account manager at 1-888-333-3657 or email: [GOPNY@PNY.COM](mailto:GOPNY@PNY.COM)