

The Healthcare industry is driven by discovery, and NVIDIA Quadro RTX with NVIDIA Turing shortens the time from discovery to patient delivery. With Deep Learning and AI capable of analyzing massive cohort studies, and unmatched rendering able to provide researchers and diagnosticians with medical images of unprecedented detail and clarity, the future of medical science is being advanced with NVIDIA Quadro RTX.

UTILIZING ADVANCED ARTIFICIAL INTELLIGENCE TO SAVE TIME AND LIVES

DEEP LEARNING AI

The NVIDIA Quadro RTX with NVIDIA's Turing™ architecture is capable of harnessing the advanced power of Deep Learning and Artificial Intelligence to analyze massive research studies to find previously unknown treatment possibilities, saving time for medical professionals, and optimizing treatment options through new techniques like personalized genomic medicine. Taking the GPU from a passive tool to an active assistant, NVIDIA Quadro RTX allows medical professionals to focus on their patients.

ACCELERATING MEDICAL IMAGING WHILE IMPROVING DETAIL

HIGH-PERFORMANCE COMPUTING

Capable of converting raw sensor data into highly detailed diagnostic imagery, NVIDIA Quadro's RTX High-Performance Computing capability is reducing the time required to produce clear and diagnostically relevant medical imaging without sacrificing detail. The quicker medical professionals are provided the information they need, the sooner treatment can commence.

EXPLORE THE HUMAN BODY LIKE NEVER BEFORE

VIRTUAL LINK VR

With one simple connection, medical professionals are able to enter a remarkably virtual reality experience, and approach treatment and teaching from entirely new perspectives. Replacing the need for bulky set-ups and tangles of cable, NVIDIA Quadro RTX with Virtual Link makes it easier than ever before to explore the body.

DRIVE DISCOVERY THROUGH UNPARALLELED PROCESSING POWER

NVIDIA TURING

NVIDIA Quadro RTX powered by NVIDIA's Turing architecture is revolutionizing the ways medical professionals interact with technology. In an industry where saving time is paramount, every second removed from a procedure makes a critical impact for those in need of treatment. The NVIDIA Quadro RTX, capable of up to 500 trillion Tensor operations per-second (TOPS) has the potential to save time and lives by bringing dramatic advances in deep learning and artificial intelligence to clinicians and patients. NVIDIA's Turing is the driving force behind the impact NVIDIA Quadro RTX will have on the Healthcare industry.

SPECIFICATIONS AT A GLANCE

GPU	MEMORY	RAY TRACING	RT CORES	CUDA CORES	Tensor Cores
Quadro RTX 8000	48 GB GDDR6	10 GigaRays/sec	72	4,608	576
Quadro RTX 6000	24 GB GDDR6	10 GigaRays/sec	72	4,608	576
Quadro RTX 5000	16 GB GDDR6	6 GigaRays/sec	48	3,072	384
Quadro RTX 4000	8 GB GDDR6	6 GigaRays/sec	36	2,304	288