Real time ray tracing for professionals

Experience unbeatable performance, power, and memory with the NVIDIA® Quadro RTX™ 8000, the world’s most powerful graphics card for professional workflows. The Quadro RTX 8000 is powered by the NVIDIA Turing™ architecture and NVIDIA RTX™ platform to deliver the latest hardware-accelerated ray tracing, deep learning, and advanced shading to professionals. Equipped with 4608 NVIDIA CUDA® cores, 576 Tensor cores, and 72 RT Cores, the Quadro RTX 8000 can render complex models and scenes with physically accurate shadows, reflections, and refractions to empower users with instant insight. Support for NVIDIA NVLink™ lets applications scale performance, providing 96 GB of GDDR6 memory with multi-GPU configurations. And with the industry’s first implementation of the new VirtualLink™ port, the Quadro RTX 8000 provides simple connectivity to the next-generation of high-resolution VR head-mounted displays to let designers view their work in the most compelling virtual environments possible.

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.