Breakthrough PC Performance for Developers and Creators

NVIDIA TITAN RTX is the ultimate PC GPU for the world’s most demanding users—AI researchers, data scientists, and content creators. Powered by NVIDIA Turing™, NVIDIA’s next-generation GPU architecture designed for AI and ray tracing, TITAN RTX delivers the best PC performance for training neural networks, processing large datasets, and creating ultra-resolution video and 3D content.

TITAN RTX features 576 multi-precision Turing Tensor Cores that deliver up to 130 teraFLOPS (TFLOPS) for deep learning training; 72 Turing RT Cores that provide up to 11 GigaRays per second for maximum real-time ray tracing performance; and 24 gigabytes (GB) of GDDR6 memory for training with higher batch sizes, processing larger datasets and animation models, and managing the most demanding creative workflows. Pair two TITANs together with NVIDIA NVLink and double your memory and performance.¹

TITAN RTX is supported by the CUDA-X AI SDK for AI and data science and NVIDIA’s Studio Driver program that brings support for creative applications to your PC.

To learn more about the TITAN RTX, visit www.nvidia.com/titan-rtx/

¹ Connecting two TITAN RTX cards with NVLink to scale performance and memory capacity to 48 GB is only possible if your application supports NVLink technology. Please contact your application provider to confirm their support for NVLink. ² NVIDIA NVLink sold separately. ³ GPU supports DX 12.0 API, Hardware Feature Level 12_1. ⁴ Product is based on a published Khronos specification and is expected to pass the Khronos Conformance Testing Process when available. Current conformance status can be found at www.khronos.org/conformance

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