



NVIDIA TITAN RTX

FASTEST PC GRAPHICS CARD EVER BUILT

NVIDIA® TITAN RTX™ is the fastest PC graphics card ever built. It's powered by the award-winning Turing™ architecture, bringing 130 Tensor TFLOPs of performance, 576 tensor cores, and 24 GB of ultra-fast GDDR6 memory to your PC.

NVIDIA RTX™ graphics cards power the creative applications you use every day. Whether you're creating online videos or feature-length films, animating and 3D modelling, designing graphics, or broadcasting games, now you can do more and wait less.

Create the most beautiful and accurately lit renders faster than ever before with NVIDIA RTX and dedicated ray-tracing technology. Focus on your creativity and let Tensor Cores save you time by accelerating AI to boost quality and handle tedious, time-consuming tasks. Edit full-fidelity 8K RAW video without frame drops, pre-caching, or transcoding to low-res proxies. Take advantage of abundant graphics horsepower to create crystal-clear livestreams and enjoy blazing-fast image processing. Experience fluid interactivity with large and complex 3D models and virtual reality experiences from the 50% performance improvement NVIDIA RTX delivers in raster performance over previous-generation GPUs.

NVIDIA TURING

TITAN RTX graphics cards are powered by the Turing GPU architecture and the all-new RTX platform. This gives you up to 6X the performance of previous-generation graphics cards with the power of real-time ray tracing and AI.

THE FASTEST START FOR MACHINE LEARNING ON PC

Perfect for developers and enthusiasts, TITAN RTX and RAPIDS provides a fast and simple start to exploring GPU-accelerated data science workflows on your PC.

TITAN RTX - PRODUCT SPECIFICATION

MEMORY SIZE	24 GB GDDR6	
MEMORY INTERFACE	384-bit	
MEMORY BANDWIDTH	672 Gb/s	
CUDA CORES	4608	
TURING TENSOR CORES	576	
SINGLE PRECISION PERFORMANCE	16,3 Tflops	
TENSOR PERFORMANCE	130 Tflops	
TEXTURE RATE (BILINEAR)	510 GigaTexels/s	
CONNECTORS	3x DisplayPort, 1x HDMI, 1x USB Type C	
SYSTEM INTERFACE	PCI Express 3.0 x16	
POWER CONNECTORS	2x 8-pin	
MAX POWER CONSUMPTION	280 W	
THERMAL SOLUTION	active cooling	
FORM FACTOR	Dual Slot	
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