

Category Award

NVIDIA GeForce RTX 5090 GPU



NVIDIA

NVIDIA Corporation

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[Company Website](https://www.nvidia.com)

Winning Reason

The NVIDIA GeForce RTX 5090 is the most powerful consumer-grade graphics card, featuring an innovative 2-slot slim design that allows the high-performance card to be installed in compact systems. The RTX 5090 uses Blackwell architecture and is equipped with 32GB of GDDR7 memory, providing exceptional AI computing power and complete ray tracing capabilities. With the latest DLSS 4 technology, it can efficiently handle the most complex games and creative tasks. Its groundbreaking 2-slot design not only reduces space requirements but also includes advanced dual-flow fans and liquid metal cooling technology, achieving outstanding cooling performance. This card's precise design and robust capabilities make it the top choice for gamers and creators.

Product Feature

The heart of the GeForce RTX 5090 is its Blackwell-architecture, which features 92 billion transistors and provides over 3,352 trillion AI TOPS of computing power. Its fifth-generation Tensor Cores & fourth-generation RT Cores deliver breakthroughs in AI-driven rendering, including neural shaders, digital human technologies, geometry and lighting. It also uses DLSS 4's Multi Frame Generation to boost frame rates by using AI to generate up to three frames per rendered frame. It works in unison with the suite of DLSS technologies to increase performance by up to 8x over traditional rendering, while maintaining responsiveness with NVIDIA Reflex technology. DLSS 4 also introduces the graphics industry's first real-time application of the transformer model architecture to improve games further.

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