

EVGA GeForce RTX 3070 Series Powered by the NVIDIA Ampere Architecture - Now Available!

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The Definition of Ultimate Performance

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The EVGA GeForce RTX 3070 is powered by the NVIDIA Ampere architecture. Built with enhanced RT Cores and Tensor Cores, new streaming multiprocessors, and high-speed G6 memory, it gives you the power you need to rip through the most demanding games at 1440p resolution. Combined with the next generation of design, cooling, and overclocking with EVGA Precision X1, the EVGA GeForce RTX 3070 Series creates a definition for ultimate performance.

The new NVIDIA GeForce RTX 30 Series GPUs, the 2nd generation of RTX, features new RT Cores, Tensor Cores and streaming multiprocessors, bringing stunning visuals, amazingly fast frame rates, and AI acceleration to games and creative applications. Powered by the NVIDIA Ampere architecture, which delivers increases of up to 1.9X performance-per-watt over the previous generation, the RTX 30 Series effortlessly powers graphics experiences at all resolutions, even up to 8K at the top end. The GeForce RTX 3090, 3080, and 3070 represent the greatest GPU generational leap in the history of NVIDIA.

EVGA iCX3 Cooling Technology

ARGB GeForce RTX 30 Series LED - Vibrant, customizable range of color and brightness to light up your system. Triple Fan Cooling - Three fans are installed on all air-cooled EVGA GeForce® RTX 3070 Series graphics cards to optimize airflow, increase cooling performance, and reduce fan noise. Unified Copper Block for GPU and Memory - A unified copper block which EVGA has previously used on the HYBRID cooler solution and is proven to lower both GPU and memory temperatures. Asymmetry Fan Arrangement and Design - Asymmetry fan layout to allow the airflow to cover nearly the entire heatsink increasing airflow for better heat dissipation. Air-Through PCB - Carefully placed cut-outs in the PCB and backplate improve airflow and decrease exhaust recovery. Through-Hole Heatsink Fins - The EVGA iCX3 heatsink features many L-shaped fins with hundreds of through-holes to allow cool air to run through the entire heatsink evenly and quietly.

Built for EVGA Precision X1

Built for NVIDIA GeForce RTX, EVGA Precision X1 is the next generation overclocking software to maximize and control your EVGA graphics card. With the new EVGA Precision for Game Bar widget, you can get instant access to monitoring and overclocking built right into Windows Game Bar. Want to overclock and monitor without even exiting your game? It's all here.

DXR (DirectX Ray Tracing)

DirectX Ray Tracing allows games to simulate how light works in real life, providing incredibly realistic and beautiful graphic effects like global illumination, reflections, and shadows. GeForce RTX GPUs were designed from the start for the demands of ray tracking workloads. Specialized RT cores, found only on GeForce RTX graphics cards, provide billions of rays per second of performance, and up to 3X the frame rate with DXR games and applications. This makes ray tracing at real-time frame rates possible for the first time.

DirectX 12 Ultimate

DirectX is an API that enables developers to add amazing graphics effects to Microsoft Windows-based PC games. DirectX 12 Ultimate is the newest version of the API and new gold standard for the next-generation of games. DX12 Ultimate takes games to a whole new level of realism with support for ray tracing, mesh shaders, variable rate shading, and sampler feedback. GeForce RTX is the first and only PC platform with support for these game-changing features.

To learn more about EVGA GeForce RTX 3070 Series graphics cards, please visit

<https://www.evga.com/articles/01434>.

About EVGA

Founded in 1999, EVGA has grown exponentially in the channel, serving the system builder, distribution and retail markets with products that offer the highest in quality and customer satisfaction, thereby making the computing experience transparent to the hardware in the box. EVGA only offers visual processing products based on NVIDIA chipsets and in year 2005 expanded its product line to include motherboards. For further information online about EVGA, visit <http://www.evga.com>.

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