



NVIDIA RTX SERVER HIGH-PERFORMANCE, FLEXIBLE RENDERING IN THE DATA CENTER



Accelerated Performance from Desktop to Data Center

Designers and artists across industries are required to produce higher quality content faster than ever but productivity is limited by inefficient CPU-based render solutions. Break the confines of costly CPU render farms with NVIDIA RTX™ Server—the highly configurable reference design for on-demand rendering and virtual workstation solutions in the data center. Available from leading system partners, it delivers powerful, GPU-accelerated performance, from interactive sessions on the desktop to final frame batch rendering in the data center.



Courtesy of Image Engine© NETFLIX

Scene from *Lost in Space* rendered 24X faster* on an RTX Server compared to a CPU-based render node.



*Performance improvement observed comparing the rendering time for a 120-frame animated sequence with Autodesk Arnold 5.3.0.0 on a CPU render node (Dual Intel Xeon Gold 6126 processor, 12 core, 2.6 GHz) vs. a GPU-accelerated configuration (Dual Intel Xeon Gold 6126 processor + 4X Quadro RTX 8000).

To learn more about NVIDIA RTX Server and availability from leading partners, visit www.nvidia.com/rtx-server

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OFFLINE RENDERING

Drastically reduce the time required for offline rendering with the power of GPU acceleration with NVIDIA RTX Server.

VIRTUAL WORKSTATIONS

Provision for multiple, easy-to-manage virtual workstations or a combination of virtual workstations and batch render nodes from a single NVIDIA RTX Server with NVIDIA Quadro vDWS.

ACCELERATED DESKTOP RENDERING

Boost local workstation rendering performance by connecting to NVIDIA RTX Server and tapping into the power of multiple GPUs.