



## 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](http://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.