



# NVIDIA RTX SERVER

## BRINGING DATA SCIENCE TO THE DATA CENTER

### Accelerated Data Science Performance

Data is fundamentally changing the way companies do business. While this data can provide companies with valuable insights, processing and extracting the right information is a challenge. The time it takes to wrangle, prepare, and clean data from multiple data stores can also be significant. NVIDIA RTX® Server helps data scientists transform massive amounts of information into insights faster than ever before by bringing GPU acceleration to the entire data science workflow within a virtualized environment—from data preparation and model training to visualization.



#### REMARKABLE GPU HORSEPOWER

Experience faster model development and training with an RTX Server powered by high-performance NVIDIA® Quadro RTX™ 6000 and 8000 GPUs.



#### NVIDIA GPU-ACCELERATED SOFTWARE

Speed up the entire data science workflow with CUDA-X AI, a collection of software libraries featuring RAPIDS that provides essential optimizations.

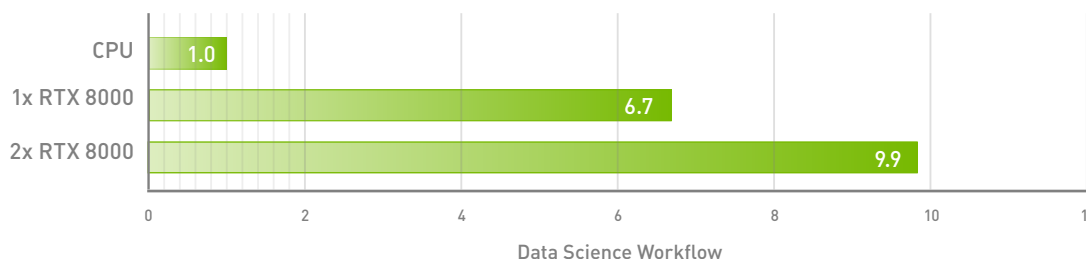


#### VIRTUAL DATA SCIENCE WORKSTATIONS

Provision for multiple, easy-to-manage virtual data science workstations from a single NVIDIA RTX Server with NVIDIA Quadro vDWS.

#### Quadro RTX Accelerated Data Science

Up to 10X Faster End-to-End



Test run on server using Intel Xeon Gold 6140 CPUs, 2 sockets, 72 threads, 384 GB RAM, Ubuntu 16.04.4 and NVIDIA Quadro RTX 8000 GPUs, driver version 410.93. Internal testing using RAPIDS data science workflow benchmark. End-to-end test time = ETL + conversion + training + validation times

To learn more about the NVIDIA RTX Server visit  
[www.thinkmate.com/systems/servers/gpx/rtx](http://www.thinkmate.com/systems/servers/gpx/rtx)

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