



# **A NEW BREED OF WORKSTATION FOR DATA SCIENCE**

## Where Powerful Hardware and Accelerated Software Unite

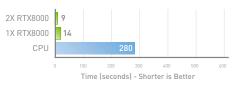
Data is fundamentally changing the way companies do business, driving demand for data scientists and increasing the complexity in their workflows. OEM workstation vendors, working in close partnership with NVIDIA, are introducing a new breed of workstations that help data scientists transform massive amounts of information into insights faster than ever before by accelerating data preparation, model training, and visualization. NVIDIApowered data science workstations combine the world's most advanced NVIDIA® Quadro RTX™ GPUs with a data science software stack built on NVIDIA CUDA-X AI to deliver an integrated solution provided by leading workstation and system builder partners to ensure maximum compatibility and reliability.



### **Delivering Exceptional Data Science Performance**

#### End-to-End Faster Speeds with RAPIDS on RTX 8000

Data Prep



PU Intel Xeon 6140 @ 3.2GHz | 3.7GHz Turbo | 384GB RAM | Ubuntu 16.04.4 VIDIA driver 410.93

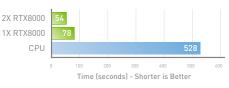
an out-of-the-box solution built and tested by leading workstation partners.

#### Training 2X RTX8000 1X RTX8000 CPU

Time (seconds) - Shorter is Better

CPU Intel Xeon 6140 @ 3.2GHz | 3.7GHz Turbo | 384GB RAM | Ubuntu 16.04.4 NVIDIA driver 410.93

End-to-End



CPU Intel Xeon 6140 @ 3.2GHz | 3.7GHz Turbo | 384GB RAM | Ubuntu 16.04.4 End-to-end time = ETL + Conversion + Training + Validation

#### To learn more about the NVIDIA-Powered Data Science Workstation, visit www.nvidia.com/data-science-workstation

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