AMAX Tesla Success Stories

Computational professionals, such as scientists and research engineers, are facing increasing demands for the toughest computing challenges including drug research, oil and gas exploration and computational finance on a daily basis. With the world's first teraflop many-core processor, NVIDIA® Tesla™ high performance computing (HPC) solutions enable the necessary transition to energy efficient parallel computing power. With 448 cores per processor and a CUDA architecture that simplifies application development, Tesla™ scales to solve the world's most important computing challenges—more quickly and accurately.

Key features:

- Industry's first massively multi-threaded architecture with a 448-processor computing core per GPU card.
- Many-core architecture delivers optimum scaling across HPC applications.
- Scale to thousands of processor cores to solve large-scale problems by splitting the problem across multiple GPUs.
- High-efficiency computing platform for energy-conscious organizations.
- NVIDIA CUDA™ technology unlocks the power of Tesla many-core computing products.
- Seamlessly able to fit into existing HPC environments.

AMAX Tesla Customers Include:

UC Berkeley
UC San Diego
Brigham Young University
University of Toronto
Nankai University China
California Institute of Technology
Texas A&M University
John Hopkins University
University of Massachusetts
University of British Columbia
University of Florida
University of Mississippi Duluth
The University of Wisconsin
University of Illinois
Harvard University
Princeton University
Stanford University
China University of Petroleum
Department of the Air Force
Department of the Navy
Department of the Army
Sandia National Laboratories
vertex
RMS Risk Management Solutions
IDA
OxfordRisk
LOCKHEED MARTIN
Flow Parametrics, LLC
BAE SYSTEMS
NEXUS GEOSCIENCES
AEROSPACE
Raytheon
Lilly
ThermoFisher SCIENTIFIC
CTDAM Connecticut Digital Asset Management
Farnam Street FINANCIAL
Pacific Northwest NATIONAL LABORATORY