ACECOMPUTERS

HIGHER EDUCATION TECHNOLOGY SOLUTIONS

Custom Systems That Balance Cost and Performance

Colleges, universities, and research labs face constant pressure to reduce costs without compromising on quality. Ace Computers builds high-performance clusters and workstations that support demanding workloads across simulation, engineering, physics, biology, nanotechnology, and deep learning.

Colleges, Universities, and Research Labs Must Control Costs Without Sacrificing Quality.

With collegiate esports on the rise, we also build systems designed for competitive gameplay, capable of supporting multiple players with top-tier speed and stability.

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CASE STUDY:

Major U.S. Research Institution

A major U.S. research institution required a trusted technology partner to support cutting-edge initiatives spanning deep learning, robotics, and nanotechnology with highly stable, high-performance machines capable of handling continuous compute-heavy workloads. The institution selected Ace Computers for their ability to deliver custom solutions, receiving purpose-built servers, storage, and NVIDIA GPU-equipped workstations that support advanced algorithm development across both the Robotics and Intelligent Machines Center and Computational Perception Lab. The partnership has delivered nearly a decade of uninterrupted, long-duration processing power with minimal downtime, enabling critical research through Ace's stable, cost-effective technology built for precision and endurance.

> **"We constantly run computationally heavy tasks for long periods of time on the machines. Thus, the stability of the machines is very important. I have been using Ace Computers workstations for many years and they have been very reliable."**
>
> *— Graduate Research Assistant, School of Interactive Computing Major, U.S. Research Institution*

Scan to Learn More

Features That Drive Scientific Computing and Simulation

- Compact workstations deliver supercomputer-class performance at a lower cost
- Increased memory and storage for faster problem-solving and analysis
- Scalable infrastructure with cluster expansion and future-ready servers
- High-performance systems accelerate modeling, simulation, and data-heavy research
- Reduced total cost of ownership with minimal downtime and maximum efficiency

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