Overview

The challenges of implementing AI don’t stop with choosing the right deep learning framework. Creating the computing environment that will run your AI algorithm is perhaps even more challenging. AI workloads demand balanced systems that account for compute, networking, and storage. And the way you configure your computing environment will depend on the unique needs and goals of your organization.

Because there is no single, turn-key way to configure your AI environment, it’s critical to have a partner with extensive experience designing HPC environments for AI applications. Penguin Computing® has been designing some of the world’s most powerful HPC environments for 20 years, including those used for AI and deep learning applications.

With our expertise in advanced computing, big data storage, and networking, Penguin Computing will ensure that your HPC environment fulfills your organization’s needs and allows you to get the most out of your AI research.

Why Choose Penguin Computing?

• 20 years of experience designing HPC systems for the most compute-intensive operations

• Expertise in big data storage, advanced computing, and networking

• Comprehensive knowledge needed to design the right AI environment for your specific project

• Trusted by the top AI labs in the world

• Professional support services to keep your systems at peak performance
What can the AI Practice do for you?

Design a Custom Configuration Tailored to Meet Your AI Deeds

Built with vendor agnostic, best-of-breed and Penguin Computing-designed technologies for storage, computing, and networking with both air and liquid cooling options.

Production and Testing of the Entire System

Our manufacturing facility, located in the heart of California's Silicon Valley, has a combined 6 megawatts of power. More importantly, our on-site quality assurance engineering team has an intimate understanding of our technologies and test each system personally.

System Hosting

We have partnerships with data center facilities across the U.S. that host our clients systems. This option removes the physical footprint, power, and cooling issues that come with hosting a system yourself.

System Management

Our expert AI System Administrators have run some of the world's largest AI systems, and they can bring that expertise and experience to your AI clusters.

Top-Rated Customer Support

Our support team ensures you are never left in the dark with your AI journey. We cover all aspects of your infrastructure, form computing, to storage, to networking. Our Technical Support team receives perfect 5/5 ratings for overall satisfaction from 76% of customers.

Choose From Best-of-Breed or Proprietary Technology

NVIDIA DGX-1

Tundra ES Computing Platform

Learn More

For more details on how the Penguin Computing AI Practice can help you, contact a representative by email at sales@penguincomputing.com, call 1-888-PENGUIN (736-4846), or visit https://www.penguincomputing.com/ai-practice

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Finance products, services, even soft costs with Penguin Computing Capital. Choose from options such as no money down, flexible billing choices, extended repayment timelines, and a variety of end-of-term alternatives.

About Penguin Computing

Penguin Computing, Inc is a 20-year-old, U.S.-based global provider of high-performance computing (HPC) and data center solutions with more than 2,500 customers in 40 countries, across eight major vertical markets. Penguin Computing offers a comprehensive portfolio of Linux servers and software, integrated, turn-key clusters, enterprise-grade storage, and bare metal HPC on cloud, as well as expert HPC and AI services, financing, and top-rated support.