AI-ready supercomputing infrastructure solution for all workloads at scale, featuring NVIDIA DGX™ A100 systems, DDN A³I storage solution, Cluster Management, NVIDIA NGC software packages and AMAX Services Offerings.

AMAX’s turnkey DGX POD is built on the DDN NVIDIA DGX POD reference architecture, integrating one DDN AI400X™, the all-NVME flash appliances within the A³I product line of AI and analytics data solutions, with up to 353TB of raw flash capacity to ensure maximum productivity of the two NVIDIA DGX™ A100 systems. The four NVIDIA Mellanox ConnectX-6 QM8700 HDR 200Gb/s IB Switches provide the optimal interconnect for DGX™ POD with 40 ports of connectivity in a 1U form factor. The Bright Cluster Manager software for HPC will provide management for the hardware, the operating system, the HPC software, and users. AMAX will offer the factory integrated and factory tested turnkey solution ensuring a tightly integrated and optimized HPC cluster; and will deliver and setup onsite with our white glove professional service technicians.

The AMAX turnkey NVIDIA DGX™ A100 and DDN storage is an artificial intelligence supercomputing infrastructure, providing the computational power necessary to training today’s state-of-the-art deep learning models and to fuel innovation well into the future. It helps IT leaders to deploy AI much quicker and more efficient and delivers groundbreaking performance; designed to solve the world’s most challenging computational problems.

As your company business grows, you will need to scale your AI infrastructure. Leverage AMAX’s expertise with over 40 years’ experience in OEM manufacturing and hyperscale rack integration and let us help you deploy the AMAX GPU SuperPOD for a seamless integration. We tested and validated the solution for enterprises with fully configured; a turnkey solution that is ready to deploy and install at your data center in minutes.

**AMAX AI Infrastructure at Scale**

AMAX NVIDIA DGX SuperPOD delivers groundbreaking performance; designed to solve the world’s most challenging AI problems.

**Simplified AI**
Predictable performance, capacity and scaling

**Tested and Validated**
Reference architecture for the enterprise

**Fully Configured**
Turnkey solution ready to deploy and install in minutes

**Seamless Integration**
Move rapidly to production at scale

**Expert Services**
Leverage our experience for your peace of mind
AMAX Engineering and Rack Integration Services

Enterprise IT environments are evolving faster than ever. Rack integration solutions are one strategy enterprises can utilize to maximize resource efficiency and keep pace with scaling needs.

AMAX provides flexible Rack Integration Services that enable companies to focus on their core competencies and redirect resources to generate the most value for their customers.

- Assessment of requirements, environment and all elements unique to the customer
- Engineering design and selection of specific technologies, components and solutions
- Preliminary organization of project materials, personnel and scheduling
- Rack integration process, including node assembly, networking, power, cabling and cooling options
- BIOS setting, OS and Custom Imaging
- Full documentation, including serial number, recording, cable list, layout, diagrams and photo documentation
- Full Rack Burn-in
- Testing and Validation
- Packaging and transport to destination
- Deployment, power-on and troubleshooting