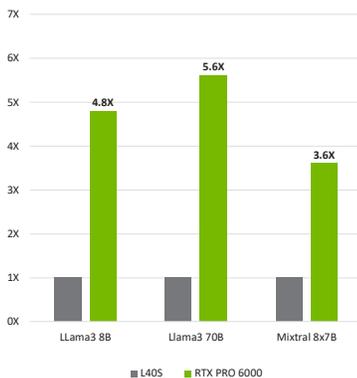


AMAX Solutions with NVIDIA RTX PRO 6000 Blackwell Server Edition GPUs

AMAX ENGINEERING

AMAX is a global leader in advanced computing solutions for AI, HPC, edge, and data center applications. Backed by decades of engineering expertise, AMAX partners with organizations worldwide to design, build, and deploy scalable systems.

Over 5X Inference Throughput



*Source: NVIDIA

Infrastructure for Scale Out AI

The AMAX RackScale 32 with NVIDIA RTX PRO™ 6000 Blackwell Server Edition delivers a rack-scale platform designed for inference at scale, agent-based systems, and advanced 3D computing.

AMAX RackScale 32 Key Features

- **Multi-Workload Acceleration:** Supports agentic and generative AI, physical AI, inference, rendering, graphics, and scientific computing.
- **Large GPU Memory:** Up to 3 TB of GDDR7 with ECC memory per rack, handling large datasets and complex workflows.
- **High-Speed Networking:** NVIDIA Spectrum-X/Quantum-X interconnects ensure low-latency communication across distributed environments.
- **Advanced Rendering & Simulation:** Fourth-generation RT cores and neural graphics acceleration deliver physically accurate 3D experiences.
- **Cluster-Ready Architecture:** PCIe Gen 5, MIG partitioning, and rack-scale design support expansion into multi-rack AI factories.

Graphics and Rendering for Enterprise Workloads

AMAX RackScale 32 with RTX PRO 6000 Blackwell is built for demanding visualization workloads such as NVIDIA Omniverse, digital twin creation, robotics simulation, and 3D design. These strengths make it a fit for industries including manufacturing, engineering, media, and research. In addition to visual computing, RackScale 32 also accelerates AI workloads like generative models and multimodal inference, giving organizations a single platform flexible enough to support both graphics and AI.

AMAX GPU Solutions with NVIDIA RTX PRO 6000 Blackwell

AMAX RackScale 32 with NVIDIA RTX PRO 6000 Blackwell



AMAX RackScale 32 with NVIDIA RTX PRO 6000 Blackwell	
CPU	Dual Socket AMD EPYC 9005 Series
GPU	32× NVIDIA RTX PRO™ 6000 Blackwell Server Edition
GPU Memory	Up to 3 TB GDDR7 with ECC per rack
Networking	NVIDIA Spectrum-X / Quantum-X
Storage	High Performance Storage Appliance
Total FP4 Performance	128 PFLOPS

AMAX AceleMax® AXG-428AG



AMAX AceleMax® AXG-428AG	
Chassis Form Factor	MGX 4U
CPU	Dual AMD EPYC 9005 Series processors (up to 5GHz)
GPU Support	Up to 8× RTX PRO 6000 Blackwell GPUs
System Memory	32 DDR5 DIMM slots, up to 5200 MT/s
Expansion	Up to 5× PCIe 5.0 ×16 NIC slots + NVLink support
Storage	8× E1.S NVMe bays, plus 2× M.2 slots

Design to Deployment

AMAX delivers fully engineered, tested systems ready for day-one operation:

- Site survey and infrastructure assessment
- Burn-in, performance, and validation testing
- GPU benchmarking and optimization
- Rack & stack deployment and networking configuration
- Ongoing remote monitoring and service

For customers awaiting permanent data center space, AMAX offers **HostMax™**, an interim hosting service that enables immediate activation of RackScale 32 with secure remote access and AMAX engineering support.

