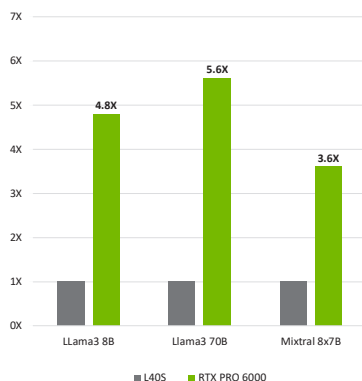


# AMAX Solutions with NVIDIA RTX PRO 6000 Blackwell Server Edition GPUs

## 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™ and Quantum InfiniBand 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 Server Edition 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 Server Edition

## 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 Server Edition 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                |
| Management               | DC-SCI BMC with remote monitoring                   |

### 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.

