



AMAX GPU Solutions for Healthcare and Life Sciences

Secure, Compliant Infrastructure for AI-Driven Clinical and Research Workloads

AMAX ENGINEERING

AMAX delivers GPU solutions designed for healthcare, combining advanced system architecture with supply chain logistics, validation, and deployment services. Our engineering expertise ensures reliable, compliant infrastructure that supports multimodal AI workloads while helping providers scale efficiently and maintain predictable performance.

Transforming Healthcare with AI Infrastructure

AMAX solutions empower healthcare providers and research organizations to accelerate AI adoption in clinical, operational, and research environments. Dense GPU capacity supports multimodal LLMs and imaging AI, while efficient cooling and modular designs enable sustainable scaling. Our systems are engineered to meet the demands of regulated healthcare environments, balancing performance, compliance, and patient privacy.

Key Features for AMAX AI Solutions for Healthcare



Modular Server Platform:

Easy customization to match diverse healthcare workloads



GPU-accelerated Edge AI Solutions:

Bring intelligence directly to the point of care. AMAX platforms provide secure, flexible deployment across clinics, hospitals, and research environments



Designed for Healthcare Use Cases:

Support for genomics, imaging, clinical LLMs, and more



AI Software Stack:

NVIDIA Clara™, MONAI, and NVIDIA Triton Inference



Privacy and Compliance:

Built to meet HIPAA and GDPR requirements with ISO 27001 and ISO 13485 certifications



End-to-End Deployment Services:

Racks fully validated through site survey, burn-in, benchmarking, and backed with ongoing support



AMAX AceleMax® AXG-428AG

4U NVIDIA MGX server built for maximum flexibility and throughput in AI workloads.



AMAX AceleMax® AXG-428AG	
CPU	Dual Socket AMD EPYC™ 9005 Series processors (up to 5GHz)
GPU	Up to 8× NVIDIA RTX PRO™ 6000 Blackwell Server Edition, L40S, or H200 NVL GPUs
Cooling	High-efficiency air cooling
System Memory	32 DDR5 DIMM slots, up to 5200 MT/s (1DPC)
Networking	5× PCIe 5.0 ×16 slots for NICs
Storage	8× E1.S NVMe SSD bays, plus 2× M.2

AMAX AceleMax® AXG-224IB

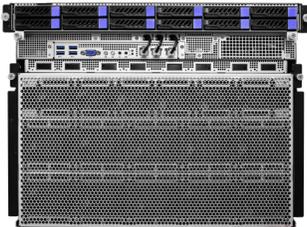
2U dual-socket GPU server designed for versatile AI training, inference, and cloud applications.



AMAX AceleMax® AXG-224IB	
CPU	Dual Socket Intel® Xeon® 6 processors (6700/6500 series)
GPU	Up to 4× NVIDIA RTX PRO™ 6000 Blackwell Server Edition, L40S, or H200 NVL GPUs
Cooling	High-efficiency air cooling
System Memory	32 DDR5 DIMM slots, up to 6400 MT/s
Networking	3× PCIe Gen5 ×16 NIC slots
Storage	8× PCIe Gen5 E1.S NVMe SSD bays, plus 2× M.2

AMAX AceleMax® AXG-828U with HGX B300

8U rackmount server with high GPU density for large-scale AI training and inference.



AMAX AceleMax® AXG-828U with HGX B300	
CPU	Dual Socket Intel® Xeon® 6700E/6700P series processors
GPU	NVIDIA HGX™ B300 8-GPU with NVSwitch
Cooling	High-efficiency air cooling
System Memory	Up to 32 DDR5 DIMM slots, up to 6400 MT/s
Networking	8× OSFP 800 Gbps InfiniBand ports
Storage	Up to 12× 2.5" hot-swap bays, plus 1× M.2

NVIDIA DGX Spark™

Desktop AI supercomputer with Grace Blackwell architecture for early-stage AI development and testing.



NVIDIA DGX™ Spark	
CPU	20 core Arm, 10 Cortex-X925 + 10 Cortex-A725 Arm
GPU	NVIDIA Blackwell Architecture
Cooling	High-efficiency air cooling
System Memory	128 GB LPDDR5x, unified system memory
Networking	ConnectX-7 Smart NIC
Storage	1 or 4 TB NVME.M2 with self-encryption

Visit www.amax.com/contact to get started today



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