

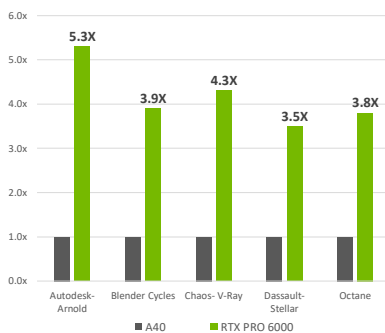
AMAX GPU Solutions for Media and Entertainment

Optimized Compute for Content Creation and Rendering

AMAX ENGINEERING

Media and Entertainment GPU solutions deliver exceptional performance with multi-GPU power, fast storage, and advanced cooling to accelerate 3D rendering, visual effects, animation, and AI-driven content creation.

Rendering Performance
RTX PRO 6000 vs A40



Source: NVIDIA

Infrastructure for Creative Workloads

AMAX Media and Entertainment Solutions are built for studios and production environments that demand consistent performance across editing, rendering, and AI-driven content creation. Each system is designed to support the full digital content lifecycle, from 3D asset development and visual effects to GPU-accelerated rendering and real-time delivery.

Key Features for Media & Entertainment

- **Accelerated Rendering Performance:** NVIDIA® Blackwell architecture delivers faster path tracing, real-time ray tracing, and neural rendering for higher visual fidelity and reduced frame times.
- **AI-Enhanced Content:** Supports generative AI toolsets for video enhancement, upscaling, and asset creation through NVIDIA Omniverse™, PyTorch, and Adobe Firefly.
- **Virtual Production and Simulation:** Runs real-time virtual sets, motion capture, and simulation workflows powered by Unreal Engine and Autodesk for faster creative iteration.
- **High-Speed Media Pipelines:** Integrates NVMe storage and PCIe Gen5 throughput to efficiently manage large 3D assets and 8K video timelines.
- **Studio and Data Center Ready:** Scalable configurations for local workstations, rendering farms, or full AI training clusters.

Next-Level Rendering Performance

AMAX solutions accelerated by NVIDIA RTX PRO™ 6000 Server Edition GPUs deliver up to 5.3x faster rendering than the previous generation across key rendering applications. This performance improvement enables faster iteration, higher visual quality, and shorter production cycles for modern content creation.

AMAX AceleMax® AXG-428AG

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) or Dual Socket Intel Xeon 6 Processors
GPU	Up to 8x double-width GPUs (up to 600W each) or 16x single-width GPUs
Cooling	High-efficiency air cooling
System Memory	32 DDR5 DIMM slots, up to 5200 MT/s (1DPC)
Networking	5x PCIe 5.0 x16 slots for NICs
Storage	8x E1.S NVMe SSD bays, plus 2x 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 4x NVIDIA RTX PRO™ 6000 Blackwell Server Edition, NVIDIA L40S, or NVIDIA H200 NVL GPUs
Cooling	High-efficiency air cooling
System Memory	32 DDR5 DIMM slots, up to 6400 MT/s
Networking	3x PCIe Gen5 x16 NIC slots
Storage	8x PCIe Gen5 E1.S NVMe SSD bays, plus 2x M.2

AMAX LiquidMax® LX-5b Workstation with NVIDIA RTX PRO 6000 Blackwell GPUs

Ultra-quiet GPU workstation designed for high-performance AI and deep learning applications.



AMAX LiquidMax® LX-5b Workstation	
CPU	Single / Dual Socket Intel® Xeon® series processors or Single Socket AMD processor
GPU	Up to 4x NVIDIA RTX PRO 6000 Blackwell Workstation Edition
Cooling	Full liquid cooling for both CPU and GPU
System Memory	Up to 16 DDR5 DIMM slots
Networking	2 x 10GbE LAN ports (RJ45)
Storage	Up to 10 x SATA 6Gb/s ports, 2 x M.2 connector (2280, 22110)

NVIDIA DGX Spark™

DGX personal AI computer with Grace Blackwell architecture for early-stage AI development, prototyping 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 NIC
Storage	4 TB NVME.M2 with self-encryption

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



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