Lenovo ThinkStation PGX for Media and Entertainment

Build, fine-tune, and run large AI models with the NVIDIA GB10 Grace Blackwell Superchip, without sending unreleased content to the cloud.



Accelerated by NVIDIA

128GB Unified Memory | Up to **4TB** SSD Storage | Up to **1 petaFLOP**

Build generative AI on your own IP: on the desk, not in the cloud

Media & entertainment AI challenges

Compute Bottlenecks
Shared clusters and cloud GPUs queue your renders and experiments, scaling costs unpredictably.

Cloud Dependency
Unreleased footage and designs cannot leave the studio, so cloud-only AI creates IP and NDA exposure.

Software Complexity
Teams spend more time assembling libraries and drivers than building models.

Environment Mismatch
Cloud-built models rarely run unchanged in the studio pipeline, forcing rework.

Industry segments:

- **VFX & Animation**
- **Film & Television Post-Production**
- **Game Development**
- **Broadcast & Streaming**
- **Advertising & Content Production**



Personal AI supercomputer for your creative desk

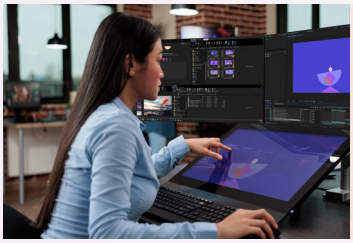
AI performance
NVIDIA Blackwell architecture accelerates AI training and inference

Scalability
Dual QSFP 200 Gb/s ports pair two PGX units for models up to 405B parameters

Unified memory
128GB shared CPU-GPU memory for large models without splitting

AI-Ready stack
Validated for NVIDIA AI software stack and NVIDIA DGX™ OS

Powering the AI-driven content pipeline



Custom generative models

AI and ML R&D teams fine-tune image and video models on house style.



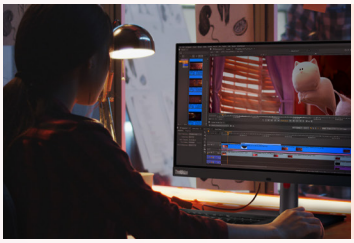
AI-assisted VFX

Pipeline TDs build tools for rotoscoping, upscaling, and denoising.



Media library intelligence

Data teams train models to auto-tag and search large content libraries.



Pipeline R&D and inference

Technical directors prototype and serve models locally before production.



On-prem governance

IT and infrastructure leads keep proprietary content inside the studio.

What makes ThinkStation PGX different

Server-grade AI power in a desktop form factor. NVIDIA Grace Blackwell architecture, enterprise-class cooling, and the option to pair two units for larger models.



Features & specifications

NVIDIA GB10 Grace Blackwell Superchip
NVIDIA CUDA® cores · Tensor cores · RT cores

Up to 1 PFLOP (FP4) ·
273 GB/s memory bandwidth

4x USB Type-C (20 Gb/s) · HDMI 2.1a
RJ-45 10 GbE · Wi-Fi 7 · Bluetooth 5.3

128GB Coherent
unified system memory

1TB or **4TB**
NVMe M.2 (self-encrypting)

Discover more about Lenovo ThinkStation PGX and how it powers AI-driven creative production

Learn more

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