

Vertical AI Jumpstart Services in a Lenovo ThinkStation PGX

Powered by NVIDIA Grace Blackwell

AI Adoption Shouldn't Require a Data Center

Organizations across every industry are eager to leverage AI—but the traditional path demands multi-million-dollar infrastructure investments, specialized cooling, high-density racks, complex networking, and months of lead time. CNXN Helix's **Vertical AI Jumpstart Services with Lenovo ThinkStation PGX** help eliminate these barriers to entry.

Powered by the NVIDIA GB10 Grace Blackwell Superchip, Lenovo ThinkStation PGX delivers up to 1 petaFLOP of AI performance right on your desk. Connect two ThinkStation PGX systems to support even larger AI models, while CNXN Helix Vertical Jumpstart Services help get you to your first AI win in days, not months. This gives organizations a practical way to evaluate AI using their own data before making broader infrastructure or investment decisions.

How Lenovo ThinkStation PGX Removes Barriers to Getting Started with AI

This architecture is designed to address the most common challenges organizations face when moving from AI exploration to real-world implementation.

Eliminates Data Center Complexity	Purpose-built AI Development on Your Desktop
• No specialized racks, cooling, or power upgrades • Standard wall outlet power—runs in a conference room • Deploy in hours/days, not weeks/months • Eliminates high up-front electrical and facility costs	• Up to 1 PFLOP of FP4 AI performance • 128GB unified memory (256GB in 2-node cluster) • Models up to 200B params (405B in cluster mode) • Start smart, scale confidently: GB10 → NVIDIA AI Factory

1 PFLOP

FP4 AI Performance

128GB

Unified Memory

200B+

Parameter Models

2-day

1st Functional
AI Deployment

Vertical Use Cases Across Industries

Select from a menu of pre-built, deployable AI use cases tailored to your industry—each jumpstarting your business with a fully functional implementation with your own data, on-premises and ready to share with leadership and employees.

Education

- IEP and 504 Plan Support Assistant
- Multilingual Translation
- Curriculum AI Assistants
- Student Orientation and Aid

State and Local Government

- Public Services Assistant
- Municipal Town Permitting
- State Fish and Game Assistant

Healthcare

- Regulatory Compliance Assistant
- Readmittance Assistant
- Code-related Denial Assistant
- Patient Acuity Assistant

Retail

- In-store Associate Assistant
- Employee Onboarding
- Marketing Insights Assistant

Manufacturing

- Factory Production Assistant
- Maintenance Manuals Assistant
- R&D/Product Management Assistant
- ICS Assistant

General Departments

- IT Help Desk Ticket Assistant
- OSHA Compliance Assistant
- Insurance Claim Adjudication
- HR Assistant

How to Get Started

OPTION 1

Buy Hardware Only

For highly technical AI teams and data scientists. Purchase OEM Lenovo ThinkStation PGX systems units and deploy your own custom AI solutions independently.

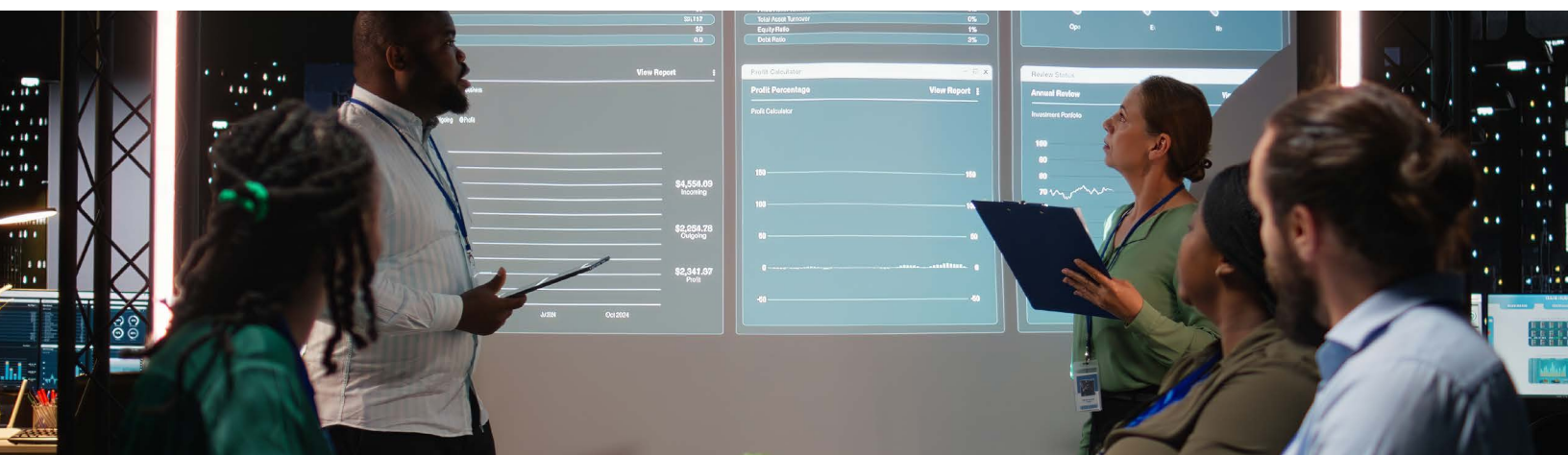
Starting at \$5K-\$10.5K
(1- or 2-node)

OPTION 2

CNXN Helix Jumpstart Package

Pair Lenovo ThinkStation PGX with CNXN Helix Vertical Jumpstart Services to deploy a selected AI use case using your organization's own data. Secure, on-premises, and outcome-focused.

Starting at \$20K



What's Included in the Lenovo ThinkStation PGX Jumpstart Package

Hardware

- OEM Lenovo ThinkStation PGX workstation
- Monitor, keyboard, and mouse
- QSFP cluster cables (2-node config with NCCL configuration)
- 2–4TB NVMe storage per node
- USB-C to USB-A adapter

CNXN Helix Jumpstart Services (~20 hrs)

- Client selects from list of use cases
- Data pipeline preparation and ingestion
- Day 1: Device setup and data staging
- Day 2: Pipeline, model config and training
- Project management and delivery

Start Smart, Scale Confidently

Your Path from Desktop to Data Center

Developing on Lenovo ThinkStation PGX gives your organization a local environment built on the NVIDIA GB10 Grace Blackwell Superchip and NVIDIA AI software stack. Teams can prototype, fine-tune, and run inference locally using the same NVIDIA ecosystem that supports broader enterprise AI environments, creating a practical path from initial development to larger-scale infrastructure.

Start with Lenovo ThinkStation PGX, deploy and pilot with a focused audience, and expand to larger NVIDIA GPU infrastructure as requirements grow. This allows your organization to begin without an immediate data center commitment while creating a foundation that can support broader AI initiatives over time.

ThinkStation PGX → Dual PGX → Edge/Enterprise AI Infrastructure → AI Factory (Data Center)

Start focused on Lenovo ThinkStation PGX, deliver value locally, and expand strategically as AI requirements grow.

**For more information about the comprehensive services Connection offers,
contact your Account Team today.**

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