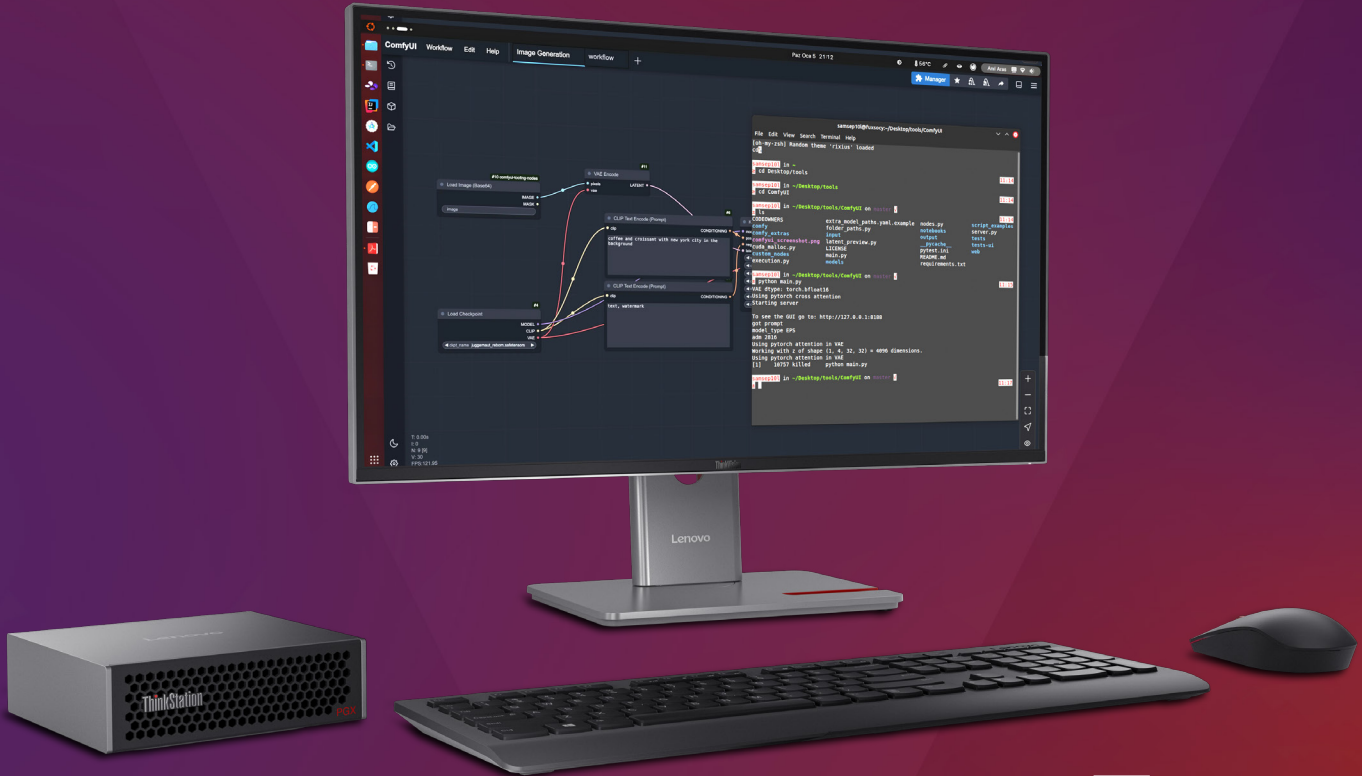


Lenovo
ThinkStation

Lenovo ThinkStation PGX
Smarter AI Starts Smaller

Lenovo



Accelerated by  **nVIDIA**

The Lenovo ThinkStation PGX is the first Lenovo workstation accelerated by the NVIDIA GB10 Grace Blackwell Superchip. Purpose-built to complement your AI workflow, it offers a controlled, sandbox environment for prototyping, fine-tuning, and inferencing—seamlessly integrating into existing workstation setups to boost compute capacity and support models with up to 200B parameters. Preloaded with the NVIDIA DGX™ OS and the NVIDIA AI software stack, plus popular tools like PyTorch and Jupyter Notebooks, the PGX delivers a familiar, efficient development experience. It's an ideal companion for developers, researchers, and students seeking scalable AI capabilities without the complexity or cost of cloud infrastructure.

Processor:

**ARM
20 Cores**

10 Cortex-X925cores
10 Cortex-A725 cores

GPU:

**NVIDIA Blackwell
Architecture**

5th Gen Tensor Cores
4th Gen RT Cores

Unified System Memory:

**128GB
LPDDR5x**

Support for AI models
up to 200B parameters

AI:

**1000
TOPS**

1000 Trillion Operations
Per Second for blazing
fast inference

Lenovo Options & Accessories



ThinkVision P27Q-40 Display



Lenovo Essential Wireless Combo Keyboard & Mouse Gen2 Black



Scan for system overview, supported components, and technical specifications.

For a full list of accessories and options, please visit: accsmartfind.lenovo.com

For more details on ThinkStation and ThinkPad, please visit: lenovo.com/workstations

Visit us on social media: [#lenovoworkstations](https://twitter.com/lenovoworkstations)



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Lenovo ThinkStation PGX Product Specifications[^]

Performance

Architecture

NVIDIA Grace Blackwell

Processor

NVIDIA Grace 20 core Arm® CPU
10 Cortex-X925 cores
10 Cortex-A725 cores

GPU

NVIDIA Blackwell Architecture

CUDA® Cores	Blackwell
Tensor Cores	5 th gen
RT Cores	4 th gen

Dedicated NVENC video encoder
Dedicated NVDEC video decoder

AI

1000 TOPS
1 PFLOP (FP4, sparsity)

Unified System Memory

128GB LPDDR5x
256-bit bus
273 GB/s bandwidth

Total Storage

1TB or 4TB NVMe M.2
with self-encryption

Scalability

Two ThinkStation PGX nodes can be linked via integrated NVIDIA ConnectX®-7 to handle models up to 405B parameters

Power Consumption

240W

Software

Operating System

NVIDIA DGX OS
Ubuntu Linux® Pro with NVIDIA Base OS

Pre-installed NVIDIA software

NVIDIA AI Software Stack
CUDA 13
GB10 Dashboard
AI Workbench

Recommended Services

Lenovo offers a comprehensive portfolio of services to support and protect your ThinkStation investment—so you can focus on your business, not your IT.

Premier Support

Bypass phone menus and scripted troubleshooting to access advanced-level

[^] For a full list of configuration details, specifications, and any limitations please visit: <https://psref.lenovo.com>

Connectivity

Rear Ports

(4) USB4 Type-C (20Gb/s)*
(1) HDMI 2.1a (multichannel audio)
(1) RJ-45 10 GbE
(2) ConnectX-7 (required to connect to other ThinkStation PGX)

Wireless Connectivity

Wi-Fi 7
Bluetooth™ 5.3 LE

LAN

10 GbE

Security

Self-encrypting NVMe (AES SED)
TPM 2.0
NVLink-C2C enclave
NVIDIA FW Recovery
AMI Setup Password
UEFI Secure Boot

Design

Volume

1.13 Liter (Small Form Factor)

Dimensions (WxDxH)

(mm): 150 x 150 x 50.50
(inches): 5.91 x 5.91 x 1.99

Weight

Starting at: 2.65lbs (1.2kg)

Sustainability

Packaging

Carton: 90% Recycled and/or FSC certified content
Cushion: 90% Recycled EPE

Certifications

RoHS Compliant

technicians with the expertise needed to quickly diagnose and solve problems.

Keep Your Drive

Enhance your data protection by keeping ownership of your hard-drive in case of replacement.

* USB port transfer speeds are approximate and depend on many factors, such as processing capability of host/peripheral devices, file attributes, system configuration and operating environments; actual speeds will vary and may be less than expected.

Lenovo



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