

Scale hybrid cloud at the speed of AI

Run AI inference at any scale, anywhere. That's **smarter**.

As AI inference rapidly transforms the business landscape, IT leaders are turning to hybrid cloud for the agility to meet rapidly shifting resource demands.

IT leaders are looking for scalable, high-performance AI workload-ready infrastructure that can be rolled out quickly with minimal management and maintenance overhead. This means pre-designed solutions with robust management features, proven reliability, and a full array of service and support options that you can rely on from your largest data center to your most remote edge location.

The **Lenovo ThinkAgile HX665 V3** and **Lenovo ThinkAgile HX650 V3** solutions, featuring **Nutanix GPT-in-a-Box™**, provide a complete, end-to-end solution. Single-pane-of-glass management and a single source of support across both hardware and software help streamline your AI inference initiatives.



Better together

Lenovo and Nutanix provide AI inference solutions and expertise to simplify integrating GPT models while maintaining control over data and applications.

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89% of CIOs have a “continued need” to scale AI



but only **34%** of CIOs believe their infrastructure is “AI ready.”¹



Smarter
technology
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GPT-in-a-Box™

GPT-in-a-Box™ is a turnkey AI inference solution for organizations seeking to implement generative pre-trained transformer (GPT) capabilities while maintaining control over data and applications. GPT-in-a-Box™ provides a secure, full-stack enterprise AI platform with everything needed to build an AI-ready infrastructure, including:

- ✓ A single-cloud operating model using **Nutanix Cloud Platform** with graphic processing units (GPUs)
- ✓ **Nutanix Unified Storage (NUS)** for total data management, security, privacy, and resilience
- ✓ A bring-your-own-model approach that allows you to choose the best LLM (e.g., Llama 2, Falcon, MPT, and others) for your environment.



Nutanix Validated Design (NVD)²

NVD is an architected and fully tested bundled solution that includes hardware, software, and services — a full-stack, scalable, secure platform that's prevalidated and can be preconfigured on the **ThinkAgile HX665 V3** and **ThinkAgile HX650 V3** solutions to jump-start generative AI and AI/ML application deployments.



Maximize reliability and performance

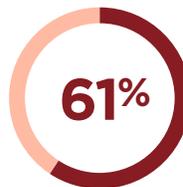
A successful deployment depends on reliable servers that ensure your AI workloads run without interruption. **For 10 years in a row, Lenovo servers have ranked as the industry's most reliable x86 platforms.**³ Further maximize availability with zero-touch deployment, uninterrupted updates, data redundancy features, and cloud backup.

Enhanced with faster processors and memory, **Lenovo platforms hold more than 294 current performance world records**, so you can run your workloads at blazing-fast speeds.



An efficient approach to AI

Accelerate time to value with Lenovo Professional Services experts who can help you design, implement, and manage your hybrid cloud to quickly launch and scale AI applications. Lenovo's roster of AI services includes the **AI Discovery Center of Excellence**, which provides the technical knowledge to extract business insights from your data quickly, responsibly, and ethically. And with Lenovo TruScale Device as a Service, you can deliver AI as a service.



Lenovo and Nutanix make hybrid cloud simple and cost-effective **with up to 61% reduced TCO, yielding a five-year ROI of 418%.**⁴

To learn more, visit the [Lenovo and Nutanix partner page](#) or contact your Lenovo sales representative.

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Sources

- 1 Lenovo, "Lenovo Global CIO Report 2024," April 2024
- 2 Nutanix, **Nutanix GPT-in-a-Box: AOS 6.7 with AHV Design**, Nutanix Validated Design, June 2024
- 3 Information Technology Intelligence Consulting, "ITIC 2023 Global Server Hardware, Server OS Reliability Report," September 2023
- 4 Enterprise Strategy Group, "**Economic Validation: The Economic Benefits of Lenovo ThinkAgile HX Series with Nutanix Cloud Platform**," May 2024

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