



Breaking down the barriers to ROI from AI

Lenovo Hybrid AI Advantage™ with NVIDIA

Lenovo

 **NVIDIA**

AI innovation is accelerating with advanced models, optimized compute, and agentic AI. “Worldwide IT spending is expected to total \$5.61 trillion in 2025, an increase of 9.8% from 2024,” according to the latest forecast by Gartner®*. Despite this, in our opinion, many struggle to scale AI for enterprise-wide productivity and agility. CIOs face challenges in maximizing ROI, simplifying AI complexities, and deploying solutions across hybrid environments. Organizations also seek to empower employees with relevant intelligence from AI platforms for greater productivity, regardless of work style or location. AI agents can boost productivity, but defining the right use cases and solutions is key. Secure data and AI platforms are essential for adapting to changing needs and driving sustainable innovation. Success depends on bringing AI to data across private, enterprise and public environments. This Hybrid AI approach is the foundation of agentic AI.

Top Areas for AI Investment



28.7 % Data Science & business intelligence



27.2 % IT Consulting & services for AI projects



27.0 % Data center & Edge AI infrastructure

*Gartner Press Release, Gartner Forecasts Worldwide IT Spending to Grow 9.8% in 2025, January 21, 2025. GARTNER is a registered trademark and service mark of Gartner, Inc. and/or its affiliates in the U.S. and internationally and is used herein with permission. All rights reserved.

Top Challenges Preventing AI Adoption



33.3 % Concerned about financial risks and uncertain AI ROI



33.0 % Our data is insufficient or disorganized for AI



32.5 % Lacking in-house AI expertise

50% of organizations have adopted AI but are struggling with unclear ROI, insufficient data, and limited expertise

Source: IDC CIO Playbook 2025, sponsored by Lenovo

42% of organizations globally highlighted that they believe that AI-powered devices boost employee productivity and experience, improving employee productivity is a **#1** business priority.

Source: IDC CIO Playbook 2025, sponsored by Lenovo

Shaping the agentic AI world

Data exists everywhere – in manufacturing, retail, banking, healthcare business locations, enterprise datacenters and in public domain. A Hybrid AI approach best addresses enterprise needs by bringing AI to public, enterprise, and personal data. Hybrid AI is shaping the agentic AI world. The rise of AI agents to automate business workflows is increasingly enabled by personal and enterprise data and smaller AI models, in addition to public models and large language models trained and modified in datacenters.

Smaller, specialized models trained on-prem or at the edge on enterprise data generate relevant intelligence and effectively enable AI agents and AI assistants. This delivers substantial benefits in cost effectiveness, efficiency, accessibility, and customization turning the promise of business value from AI at scale into a reality. Lenovo Hybrid AI Advantage™ with NVIDIA uniquely enables agentic AI use cases to be accessed on personal devices, workstations, and datacenters across enterprise locations.

63% of worldwide organizations prefer using on-premises and/or hybrid infrastructure for AI workloads

Source: IDC CIO Playbook 2025, sponsored by Lenovo

Data quality, sovereignty and compliance is the **#1** inhibitor causing AI projects to fall short of expectations.

Source: IDC CIO Playbook 2025, sponsored by Lenovo



Turn intelligence into outcomes faster with Lenovo Hybrid AI Advantage™ with NVIDIA

Lenovo Hybrid AI Advantage™ with NVIDIA enables organizations to better leverage AI to improve productivity, increase agility and innovate with trust. NVIDIA's accelerated computing, networking, AI Enterprise software and AI models have been integrated into modular Lenovo Hybrid AI Advantage™ solutions to enable enterprises to achieve factory-like industrialization and reliability while preparing for a new era of agentic AI with minimal complexity.

Lenovo and NVIDIA bring years of partnership, collaboration and engineering to meet customers where they are on their AI journey. Lenovo Hybrid AI Advantage™ with NVIDIA solutions are designed to help customers achieve three key outcomes from AI:

1

Increase productivity

Enable teams to achieve more with functional and vertical AI agents, solutions and personalized experiences, delivering value across locations and hybrid workplaces, including enterprises, stores, branches, factories, vehicles, homes, and smart cities.

2

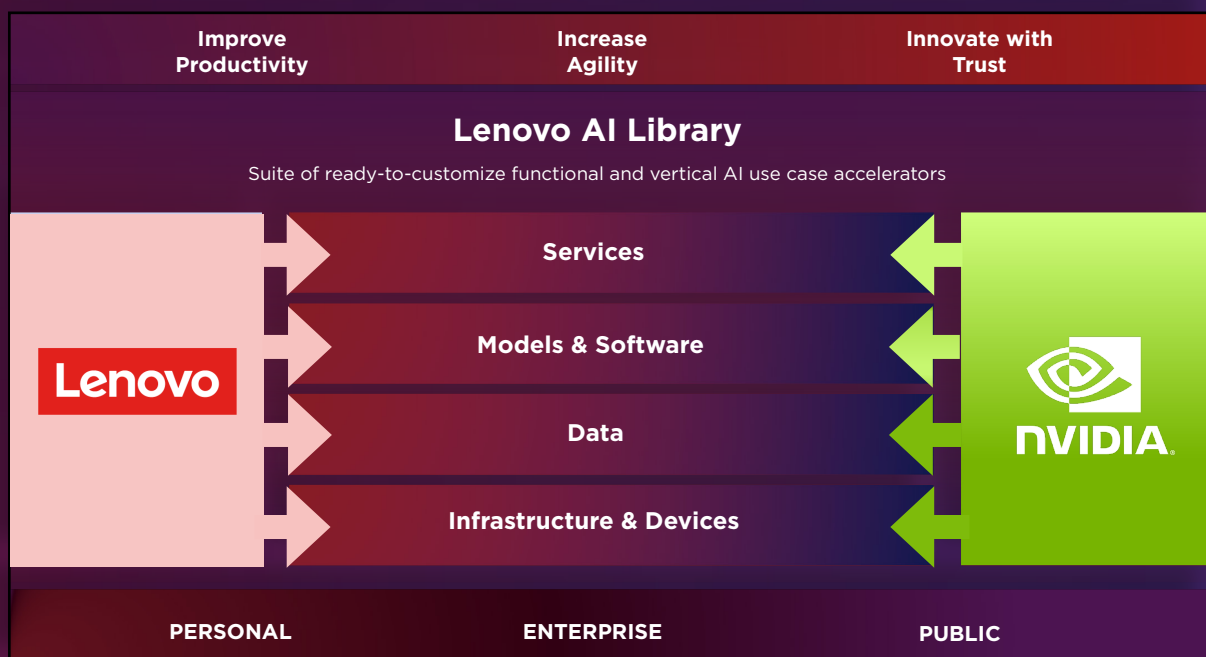
Optimize agility

Build, scale and operate a Hybrid AI factory quickly to reduce tech debt and drive operational efficiencies with modern AI infrastructure, devices, models and services.

3

Innovate with trust

Achieve trusted, compliant and responsible AI by managing and protecting data with integrated validated solutions across the enterprise and ecosystem.



Getting started with Lenovo Hybrid AI Advantage™ with NVIDIA

Lenovo Hybrid AI Advantage™ with NVIDIA solutions are validated and tested to help customers break the barriers to ROI from AI. The integrated solutions reduce complexities and risks associated with the deployment and scaling of AI and have been designed to maximize business value from the most common or complex use cases across enterprises, such as content generation, customer support and knowledge management.

Industrialized for performance with NVIDIA, the Lenovo Hybrid AI Advantage™ with NVIDIA solutions bring AI to where it makes the most impact – empowering teams to be more productive. Lenovo's agentic AI platform supports the rapid customization of Lenovo AI Library use cases and development of new AI agents and assistants, while our full-stack Lenovo Hybrid AI factory optimized with NVIDIA unlocks relevant intelligence from your data and AI models securely, efficiently, and responsibly.

The Lenovo Hybrid AI Advantage™ with NVIDIA solutions are informed by NVIDIA Enterprise Reference Architectures and include NVIDIA's accelerated computing as well as networking and NVIDIA AI Enterprise along with Lenovo's AI infrastructure, storage, models, software, services and proven partner solutions. Lenovo Hybrid AI Advantage™ solutions provide flexibility for customers to choose from a range of sizes, locations, deployment methods and managed services options aligned to the specific needs of their business.





Smarter AI with Lenovo and NVIDIA

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For more information about Lenovo's Hybrid AI Advantage™ with NVIDIA, visit:
[Lenovo.com/HybridAI](https://lenovo.com/HybridAI)

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