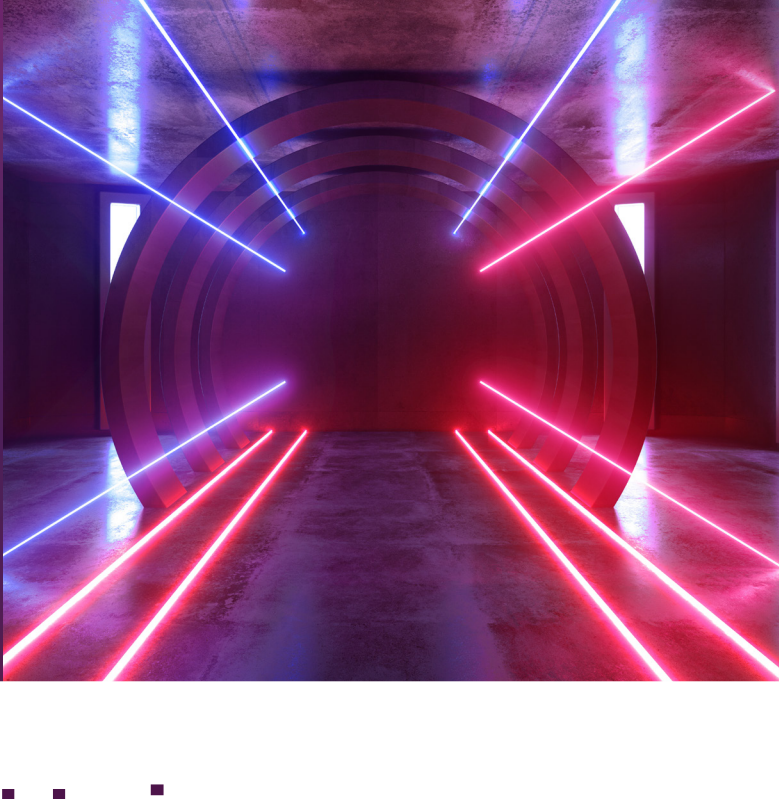


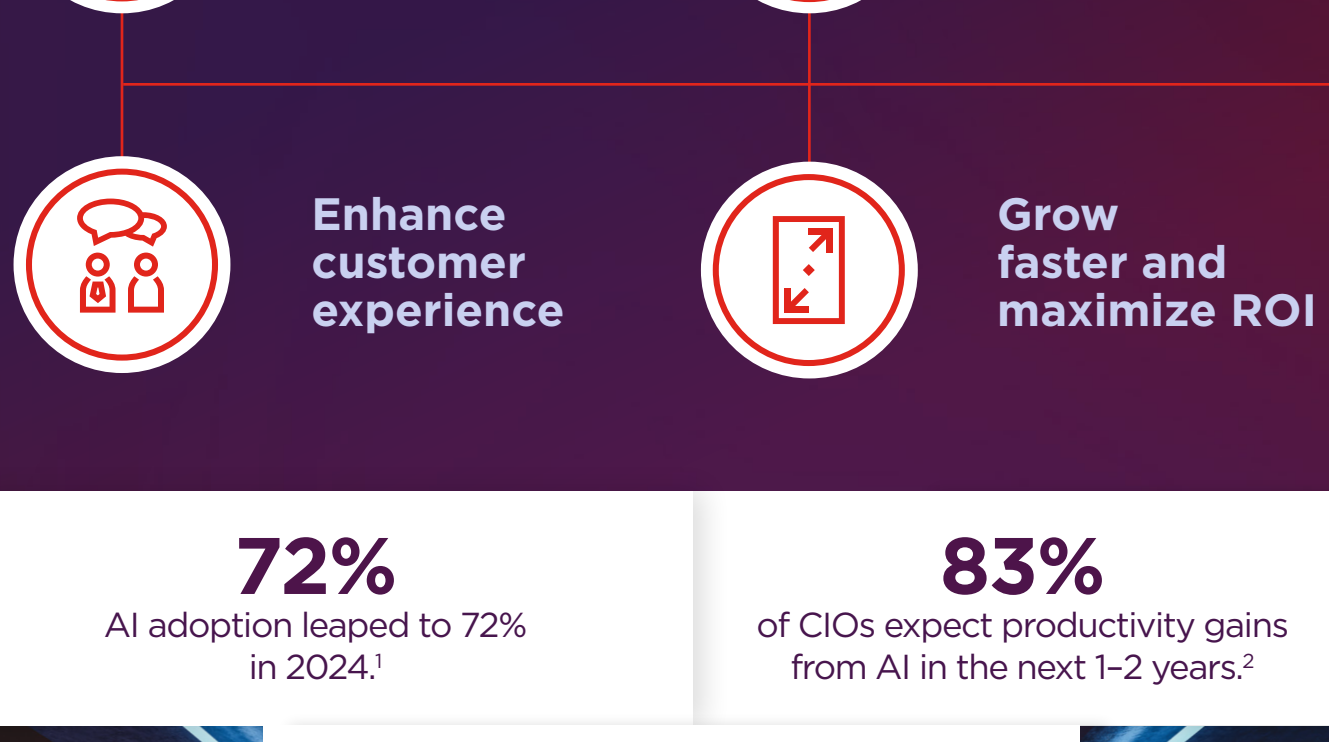
Architect your AI Vision



AI is too important to ignore

From machine learning (ML) to small and large language models (SLMs/LLMs), AI is enabling organizations of all sizes to build for tomorrow, today. With the right infrastructure you can achieve your AI goals faster.

Lenovo ThinkSystem™, ThinkEdge™ and ThinkAgile™ solutions powered by AMD EPYC™ processors are ideal for demanding AI workloads, from Generative AI to ML/deep learning, computer vision, predictive analytics and beyond.



72%
AI adoption leaped to 72% in 2024.¹

83%
of CIOs expect productivity gains from AI in the next 1–2 years.²

#1
Using emerging technologies like Gen AI has been the #1 business priority this year.³



A world of possibilities

AI opens up a range of high-value use cases across virtually all industries.



2.6x
Organizations adopting large language models (LLMs) and generative AI are 2.6x more likely to increase revenue by 10 percent or more.⁴

70%
Up to 70 % of repetitive work activities could be automated via Gen AI to improve productivity.⁵

80%
80% of CIOs say using AI will make it easier to support their organization's IT sustainability goals.⁶

5-10%
AI could save 5-10% per year in healthcare industry spending (up to \$360 billion).⁷

23%
Using AI for underwriting, auto lenders have reported cutting losses by 23% annually.⁸

Popular use cases include...

Machine Learning

- Hyper-personalization and price optimization
- Sharper fraud and cyber threat detection
- Automated, optimized process and operations

Natural Language Processing (NLP) and Generative AI

- Accelerated research and time to insights
- Frictionless human-machine communication
- Automated transcription and summarization

Recommendation systems

- Targeted product suggestions based on user patterns
- Optimized consumer experiences across multiple platforms
- More responsive and helpful customer service

Generative AI: the opportunity in numbers

Generative AI is a type of artificial intelligence that can create original text, images, videos and other forms of content in response to user prompts – with significant scope for a multitude of high-value use cases across industries.

65%
65% of business leaders are regularly using Gen AI in at least one business function, up from one-third last year.⁹

2%
Generative AI could increase retail productivity by up to 2% of annual revenues (\$660 billion).¹⁰

40%
40% of all employees' working hours can be augmented or automated by Generative AI.¹¹

Make AI your own

To leverage the full potential of AI, many organizations recognize the need to build their own in-house Private AI environment.

Private AI enables enhanced data privacy and security for compliance, trust and collaboration.



Popular use cases include...

Do you have everything in place to unlock deeper insights and maximum value from your data?

Training	Inference	Traditional workloads and data stores
The most data- and processing-intensive part of the AI lifecycle—building the AI systems' understanding of language, images and other data types.	AI inferencing applies existing trained models to new proprietary data sets for application-specific tasks. Require less processing than training – lowering the bar to entry.	These provide the foundational business process computing and many data sources to feed AI innovation and insights.

Architect your AI vision with Lenovo and AMD

Lenovo demystifies AI with proven and ready-to-deploy infrastructure solutions optimized for industry-leading AI applications and workloads.

[Learn More](#)



¹ <https://www.mckinsey.com/capabilities/quantumblack/our-insights/the-state-of-ai>
² Lenovo, "Inside the Tornado: Lenovo Global CIO Report 2024," April 2024
³ IDC and Lenovo, "CIO Playbook 2024," 2024
⁴ Accenture, 2023 <https://www.accenture.com/content/dam/accenture/financial/capabilities/technology/technology-innovation/imagery/Accenture-Breakthrough-Innovation.pdf>
⁵ <https://www.mckinsey.com/industries/technology-media-and-telecommunications/our-insights/beyond-the-hype-capturing-the-potential-of-ai-and-gen-ai-in-tmt/>
⁶ Lenovo, "Inside the Tornado: Lenovo Global CIO Report 2024," April 2024
⁷ National Bureau of Economic Research, "The Potential Impact of Artificial Intelligence on Healthcare Spending," January 2023
⁸ Built In, "51 Examples of AI in Finance," October 2023
⁹ <https://www.mckinsey.com/capabilities/quantumblack/our-insights/the-state-of-ai>
¹⁰ McKinsey, "The economic potential of generative AI: The next productivity frontier," June 2023
¹¹ Accenture, "A new era of generative AI for everyone," 2023