Lenovo | AMD

Building future-ready, modern Enterprise IT

Enterprise IT isn't just under pressure because demand is rising – older platforms no longer fit modern workloads, cost models, and energy realities.

See how modern, simplified Enterprise IT delivers real business outcomes.

Pressures are building on your infrastructure

Spending on IT is increasing
Rising IT demands drive I/T leaders to prioritize efficiency.

- **$6 trillion**
  Gartner® forecasts record global spending on IT in 2026.[1]
- **+13.5%**
  Gartner® forecasts global IT spending will increase by 13.5% in 2026, compared to 2025.[2]

Public cloud is no longer the simple answer
On-Prem is proving to be more effective for many workloads

- **+19%**
  Data center system spending is growing fastest among all IT segments (Gartner®, 2025).[3]
- **60% - 70%**
  Enterprises whose cloud costs exceed 60%-70% of IT spend are moving back on premises (Deloitte, 2025).[4]

AI experiments have turned into AI expectation
Many enterprise investments are focused on AI.

- **~80%**
  The vast majority of organizations are using AI today (McKinsey, 2025).[5]
- **60%**
  of organizations are already in late-stage AI adoption (IDC, 2025).[6]

Energy is becoming a limiting factor
Power, cooling, and efficiency are shaping IT decisions.

- **10x**
  Global AI data center power consumption will reach 90 TWh by 2026, a 10x increase since 2022 (Deloitte, 2024).[7]
- **40%**
  Air cooling can consume up to 40% of data center electricity.[7]

Modern workloads often push older platforms past their limits

Virtualization costs and constraints are rising

Licensing and pricing changes have created cost uncertainty.

Higher VM density is needed to achieve performance and efficiency goals.

Re-platforming carries risk. Enterprises must choose carefully.

Hybrid, distributed, and edge IT need a modern foundation
More environments means more to manage.

IT management costs increase as platform and tooling sprawl grow.

Performance and security are often inconsistent when IT environments mix different platforms.

Costs and spending growth become hard to track. Enterprises need clarity on cloud vs. on-prem.

AI workload growth comes with tough decisions

Pressure to adopt	VS	Risk of over-investing
Cloud flexibility	VS	On-premises control
Rapid expansion	VS	Growth aligned with ESG goals

What the right foundation looks like:

- **Simplicity** across environments
- **Predictable** costs, performance, and operations
- **High performance** with strong efficiency
- **Flexible scaling** without vendor lock-in
- **Built-in security** and resilience against
- **AI readiness** with right-sized infrastructure

Build on proven platforms, at enterprise scale

Lenovo and AMD deliver a trusted, open Enterprise IT platform – spanning servers and storage for the data center, edge, and hybrid cloud.

Lenovo

- **190+ world performance records** spanning a range of enterprise workloads[8]
- **Open platforms with a broad choice of software** platforms including Microsoft Azure, Nutanix, Red Hat, and VMware
- **Consistently #1 in x86 server reliability**[9]
- **Up to 40% better energy efficiency** with Lenovo Neptune® Liquid Cooling[10]
- **Flexible consumption model** with Lenovo TruScale IaaS

AMD

- **High performance and VM density** with up to 150% more cores in AMD EPYC™ processors[11] than prior generations.
- **Optimized AI performance** with the AMD ROCm™ open software stack
- **AI at the right pace:** Start with CPU-based inference, scale to GPU when needed
- **Silicon-level security** with AMD Infinity Guard™ and hardware-enforced root of trust[12]

Together, Lenovo and AMD simplify Enterprise IT modernization at scale.

Define your modernization path

Start a conversation.
Specialists from Lenovo and AMD are ready to help.

Get in touch

[1] Gartner®, 2025. https://www.gartner.com/en/newsroom/press-releases/2025-10-22-gartner-forecasts-worldwide-it-spending-to-grow-9-percent-in-2026-reaching-6-trillion-dollars-for-the-first-time
[2] Gartner®, 2025. https://www.gartner.com/en/newsroom/press-releases/2025-10-22-gartner-has-raised-its-forecast-for-global-it-spending-growth-in-2026-by-nearly-three-percentage-points.html
[3] Gartner®, 2025. https://www.gartner.com/en/newsroom/press-releases/2025-10-22-gartner-forecasts-worldwide-it-spending-to-grow-9-percent-in-2026-reaching-6-trillion-dollars-for-the-first-time
[4] Deloitte, 2025. https://www.deloitte.com/us/en/insights/topics/technology-management/tech-trends/2026/ai-infrastructure-compute-strategy.html
[5] McKinsey State of AI survey 2025. https://www.mckinsey.com/~/media/mckinsey/business%20functions/mckinsey%20digital/our%20insights/the%20state%20of%20ai%20in%202025/mckinsey-technology-trends-outlook-2025.pdf
[6] IDC's Lenovo CIO Playbook 2026. https://www.lenovo.com/us/en/solutions/cioplaybook2026/
[7] Deloitte, 2024. https://www.deloitte.com/us/en/insights/industry/technology/technology-media-and-telecom-predictions/2025/gen-ai-power-consumption-creates-need-for-more-sustainable-data-centers.html
[8] As of November 14, 2025. See https://www.amd.com/en/products/processors/server/epyc/epyc-world-records.html.
[9] See https://lenovopress.lenovo.com/lp1172-thinksystem-studio.
[10] https://lenovopress.lenovo.com/lp1412-lenovo-thinksystem-sd650-v3-server
[11] As of November 14, 2025. See https://www.amd.com/en/products/processors/server/epyc/epyc-world-records.html. 192-core AMD EPYC 9965 processor (500 cores max) vs. 64-core Intel Xeon Platinum 8592+ processor (128 cores max). See https://lenovopress.lenovo.com/lp1608-thinksystem-sr665-v3-server. SR665, which supported up to 2x64-core processors (128 cores max). See https://lenovopress.lenovo.com/lp1412-lenovo-thinksystem-sd650-v3-server.
[12] AMD Infinity Guard features vary by EPYC™ Processor generations and/or series. Infinity Guard security features must be enabled by server OEMs and/or Cloud Service Providers to operate. Check with your OEM or provider to confirm support of these features. Learn more about Infinity Guard at https://www.amd.com/en/technologies/infinity-guard-SEV-SEA.

© 2026 Lenovo. All rights reserved. Lenovo and the Lenovo logo are trademarks of Lenovo. AMD, the AMD Arrow logo, EPYC, Infinity Guard, and combinations thereof are trademarks of Advanced Micro Devices, Inc. GARTNER is a trademark of Gartner, Inc. and/or its affiliates. All other trademarks are the property of their respective owners.