

Lenovo HPC Services

Scale without compromise. Operate with confidence.

Lenovo HPC Services helps your organization design, deploy, support, and manage high-performance infrastructure for your most demanding workloads and AI initiatives, optimizing computing power, cost, cooling, and complexity. Scale continuously with global reach, local support, and the TruScale pay-as-you-go model.



Smarter
technology
for all

Lenovo

HPC demands are scaling faster than organizations can keep up

Increasing demand for AI is forcing IT teams to scale their specialized infrastructure. Organizations still rank infrastructure as their top AI investment priority.¹ But building and running specialized HPC environments is becoming more difficult. As the stack becomes more complex, the skills to manage an AI-ready environment are becoming scarce — as are the power and cooling capabilities needed to keep HPC effective and efficient.

The result is higher cost, resource bottlenecks, delivery delays, and risk, unless organizations can optimize across the lifecycle with experts who have experience in keeping environments reliable, efficient, and scalable.



Complexity threatens uptime

Organizations face increasing complexity across the entire HPC lifecycle. 23% of impactful outages are caused by IT and networking issues tied to increased complexity.²



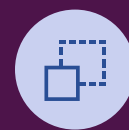
Downtime has become a budget event

1 in 5 IT leaders say their most recent significant outage cost more than \$1M.³



Staffing is now an uptime priority

61% of organizations report skills and staffing gaps in managing specialized computing infrastructure.⁴



Scale introduces new constraints

1 in 3 data centers are expected to exceed gigawatt scale within the decade.⁵

With rising demands and growing complexity, it's no longer enough to deploy powerful systems. You need a trusted partner to monitor, maintain, and optimize continuously.

“With Lenovo Managed Services for HPC, we don’t need to worry about monitoring and management. Lenovo handles all the day-to-day tasks on our behalf, which means we can focus on research, not infrastructure.”

LAURA MATZ

CHIEF SCIENCE AND TECHNOLOGY OFFICER

MERCK KGaA⁶

Keep HPC performance high and operational effort low

Lenovo HPC Services delivers proactive operational support designed for HPC and AI environments — helping reduce downtime, improve stability, and free up resources.



Lenovo Advisory Services

Lenovo assesses your current environment and requirements, then translates them into a practical roadmap for compute, storage, and networking decisions, so you can modernize with confidence and avoid expensive mis-sizing.



Lenovo HPC Deployment Services

Accelerate your time-to-production by pairing expert-led implementation with best-practice deployment methodology and pre-validated solutions.



Lenovo Premier Support for Servers

Receive proactive and predictive support, 24/7 expert assistance, a designated Service Engagement Manager, and preventative maintenance that keeps your servers and storage performing at peak efficiency.



Lenovo HPC Managed Services

Take the day-to-day operational burden off your team. Proactive monitoring, patching, and expert incident response reduce downtime and protect performance-sensitive workloads. Your internal teams can regain time to focus on users and improve business outcomes.



Lenovo Power and Cooling Services

Achieve AI-ready performance without sacrificing cost or energy efficiency. Our experts provide guidance based on an intimate, OEM-level familiarity of industry-leading Lenovo Neptune[®] liquid cooling, across both IT and site operations, for complete optimization.



Lenovo AI Cloud Gigafactory with NVIDIA

We enable AI cloud providers to achieve time to first token (TTFT) in weeks by accelerating the deployment of gigawatt-scale AI factories through ready-to-use components, expert guidance, and industrialized build processes.



Lenovo GPU Advanced Services

Get a modular array of scalable advanced services and skillsets to effectively plan, configure, and manage your GPU usage for all types of GPU-intensive workloads.



Lenovo TruScale

Lenovo TruScale for HPC reduces upfront investment with scalable, modular services and flexible financing options — helping you scale without over-provisioning. Lenovo TruScale for GPU expands on these capabilities by enabling the sharing of GPU resources and metered usage, controlling costs, and increasing GPU availability.

A partner that supports your mission on a global scale

Lenovo's global reach and deep infrastructure expertise help organizations operate HPC and AI environments with confidence — backed by broad engineering depth and a long track record delivering industry-leading technology solutions.

#1 supercomputer provider for 7 consecutive years ⁷	A challenger 2025 Gartner® Magic Quadrant™ for Infrastructure Platform Consumption Services ⁸	#8 supply chain as ranked by Gartner® ⁹	#1 in x86 reliability for 11 consecutive years ¹⁰	#1 in x86 security for 6 consecutive years ¹⁰
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IDC MarketScape Major Player

Named Major Player in Hybrid IT Infrastructure Consulting and Integration Services¹¹

Ready for AI performance without compromise?

Contact your Lenovo sales rep.

Sources

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