

Transform telco infrastructure with next-gen edge computing.

Lenovo

AMD



A modern, edge-to-cloud infrastructure is ideal for meeting the demands for mobile communication and low latency application over 5G networks.

See how edge-optimized Lenovo servers, with the technology leadership of AMD EPYC™ processors, help you deliver innovative solutions. Enhance service quality, innovate with new services, and virtualize server management with outstanding energy efficiency.

Why are Telcos transforming?

To address complex infrastructure demands for storage and bandwidth while supporting new technology innovations.

Up to 81%

reduction in initial deployment lead times.¹

88%

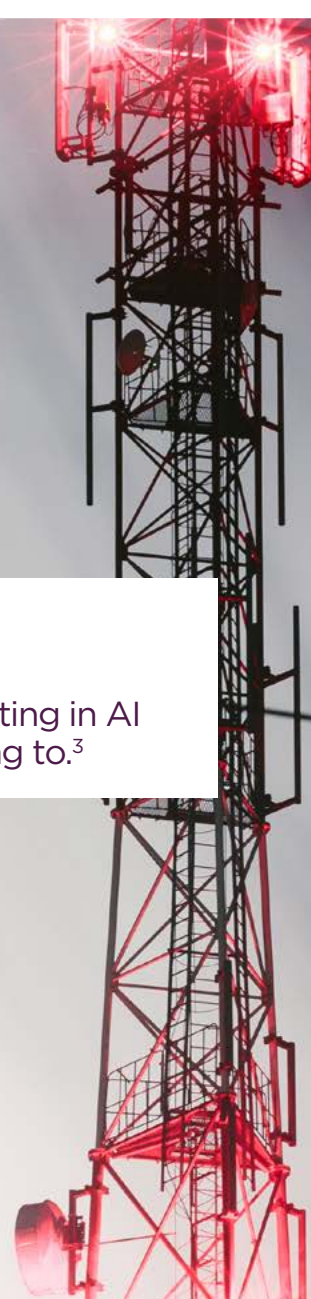
of businesses are investing in edge computing capabilities or planning to.²

87%

of businesses are investing in AI analytics or planning to.³

Many Telcos are investing in modern infrastructure to solve challenges such as:

- **Meeting new business demands to deliver solutions at the edge** with low-latency infrastructure located closer to users.
- **Increasing agility to scale and innovate** with the power of edge analytics and AI.
- **Reducing the cost of deployment** with Lenovo LOC-A virtual automation.⁴
- **Security built into every level** helping protect your data.

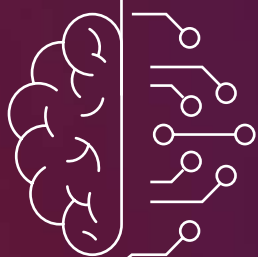


Discover confidence-boosting performance, security, and scalability for telecom innovations.

#1 in server reliability 9 years in a row.⁵

Expedite modern Telco services including virtualized radio access networks (vRAN), private 5G and multi-access edge compute.

- **Run large orchestrated telecommunications workloads** with up to 64 cores per socket.
- **Place servers almost anywhere** with small, edge-optimized form factors and whisper-quiet operation.
- **Increase network resiliency** with dust filtering, shock resistance, and reliable operation at 0°C.
- **Access the help and tools you need** with the Lenovo AI Discovery Center of Excellence and the AI Innovators partner program.



Reduce the cost and complexity of running network services.

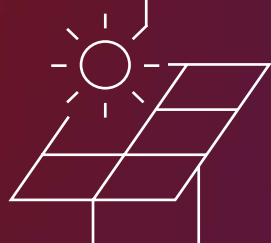
Seamlessly deploy and manage infrastructure from edge to cloud.

- **Save up to 50% in deployment costs** with Lenovo Open Cloud Automation software.⁶
- **Simplify management** with a single interface for your entire edge AI portfolio with Lenovo XClarity Controller.
- **Reduce IT workloads** with turnkey solutions from Lenovo TruScale for Edge and AI.



Build energy efficiency into your network services.

- **Consume up to 32% less energy** than comparable servers with exceptional performance per watt of AMD EPYC processors.⁷
- **Right-size your infrastructure** and reduce overprovisioning with managed services from Lenovo TruScale for Edge and AI.



Take the next step

at www.lenovo.com/amd-infrastructure

¹ <https://www.lenovo.com/us/en/resources/data-center-solutions/analyst-reports/avdthink-lenovo-open-cloud-automation-cost-comparison-2020/>

² Lenovo and Reach.

³ Future of Work 2022.

⁴ <https://www.lenovo.com/us/en/resources/data-center-solutions/analyst-reports/avdthink-lenovo-open-cloud-automation-cost-comparison-2020/>

⁵ ITIC (2023, February). ITIC 2022 Global Server Hardware, Server OS Reliability Report.

⁶ <https://www.lenovo.com/us/en/resources/data-center-solutions/analyst-reports/itc-2022-global-server-hardware-server-os-reliability-report-feb-2023/>

⁷ Based on internal Lenovo testing.

⁸ ITIC (2023, February). ITIC 2022 Global Server Hardware, Server OS Reliability Report.

⁹ <https://www.lenovo.com/us/en/resources/data-center-solutions/analyst-reports/itc-2022-global-server-hardware-server-os-reliability-report-feb-2023/>

¹⁰ Lenovo (2023, Sept 18). Lenovo Delivers Next Generation AI at the Edge with Industry's Most Powerful Edge Server Based on AMD EPYC 8004 Series Processors, Providing Breakthrough Performance and Efficiency. <https://news.lenovo.com/lenovo-delivers-next-generation-ai-at-the-edge-with-industrys-most-powerful-edge-server/>

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