



Education

Bringing AI and the metaverse to students

Dalian Neusoft University of Information

To give its students the opportunity to explore deep learning and metaverse technologies, Dalian Neusoft University of Information deployed Lenovo ThinkServer SR660 V2 and ThinkSystem SR670 V2 servers and ThinkSystem DG5000 storage powered by high-performance 3rd Gen Intel® Xeon® Scalable processors.

Powered by



Lenovo

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Who is Dalian Neusoft University of Information?

Established with the approval of China's Ministry of Education and funded by innovative IT company Neusoft, Dalian Neusoft University of Information is a private higher education institution. Located in the coastal city of Dalian, China, the university offers courses including engineering, business management, art, literature, and medicine to more than 20,000 full-time students.



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The Challenge

Dalian Neusoft University of Information strives to offer its students the highest-quality learning experiences. Through its high-performance IT platforms, the organization delivers a wide range of digital services that underpin all aspects of its operations: from research and teaching tools to learning management systems and back-office applications.

Liu Zhi, IT Director at Dalian Neusoft University of Information, says: “We are always looking for ways to use technology to improve our approach to teaching, research, and even our regular day-to-day operations. Recently, we saw an opportunity to offer two new labs for our students: one focused on the metaverse, and another on deep-learning technologies.”

To deploy the new labs, the university faced a technology challenge. Its existing server and storage infrastructure was almost at capacity and lacked the performance necessary to support the planned workloads.

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“As the next step on our journey, we decided to refresh our IT landscape. The aim was to deploy new compute and storage infrastructure and leverage automated management capabilities to streamline our data center operations.”

Liu Zhi

IT Director, Dalian Neusoft University of Information

Infrastructure upgrade

Based on its positive experiences using Lenovo storage systems, notebooks, and desktops, the university selected Lenovo to deliver a new infrastructure solution. Based on Lenovo ThinkServer SR660 V2 and ThinkSystem SR670 V2 servers powered by 3rd Gen Intel® Xeon® Scalable processors and connected to low-latency Lenovo ThinkSystem DG5000 storage, the new solution also includes NVIDIA A40 GPUs to accelerate graphics-intensive workloads such as the metaverse.

Liu Zhi comments: “As well as offering high performance, the Lenovo and Intel solution allowed us to migrate our existing data with zero disruption to our end users.”

Hardware

Lenovo ThinkServer SR660 V2
Lenovo ThinkSystem SR670 V2
Lenovo ThinkSystem DG5000
3rd Gen Intel® Xeon® Scalable
processors
NVIDIA A40 GPUs

Software

Lenovo XClarity

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“With Lenovo XClarity, our lean IT team can manage our IT solutions from a single point of control, which significantly reduces manual effort and complexity.”

Liu Zhi

IT Director, Dalian Neusoft University of Information

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Results

With the Lenovo and Intel solution powering its brand-new metaverse and deep-learning labs, Dalian Neusoft University of Information can give its students access to cutting-edge technology and invaluable learning opportunities.

“We now have a performant, reliable, and easy-to-manage platform for demanding graphics and AI workloads,” confirms Liu Zhi. “Thanks to our work with Lenovo and Intel, we’re fulfilling our mission of bringing outstanding learning experiences to our students.”



Delivers high performance for demanding AI and graphics workloads



Reduces management effort for lean university IT team



Enables outstanding learning experiences for students

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“The offering from Lenovo and Intel met all of our key selection criteria, including high IOPS, ease of management, and reliability—all for a very competitive price point. In the end, Lenovo and Intel solutions were an easy choice.”

Liu Zhi

IT Director, Dalian Neusoft University of Information

Why **Lenovo**?

Working with experts from Lenovo, Dalian Neusoft University of Information realized that it would be able to migrate its data to the new Lenovo ThinkSystem DG5000 storage platform seamlessly.

“Our staff, faculty, and students all depend on our information systems, so we were keen to mitigate the risk of disruption during the project,” recalls Liu Zhi. “Because our previous Lenovo storage system and the new Lenovo ThinkSystem DG5000 solution are both built on the same storage management platform, we saw that we could migrate our data with no interruption to our end users. The ability to have a non-disruptive migration was one of the key reasons that we decided to work with Lenovo.”



How can universities give students access to cutting-edge technologies?

With a new IT platform from Lenovo and Intel, Dalian Neusoft University of Information lets learners explore AI and the metaverse.

[Explore Lenovo Server and Storage Solutions](#)

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