Combining performance and sustainability

A leading university in East Asia

Working with Lenovo, this top university in East Asia refreshed its computer labs with Lenovo ThinkStation P2 Tower workstations—delivering high performance for demanding applications while offsetting thousands of tons of CO_2.

Who is this leading university in East Asia?

This leading higher education organization offers graduate and undergraduate programs across the arts and sciences.

2 The challenge

To continue to deliver excellent learning experiences, this university in East Asia has a long-term vision to become a smart university—harnessing the latest technology to promote digital transformation, research excellence, and environmental sustainability.

"We want to prepare our students for future careers by enabling them to work with the same digital tools that industry professionals use," says a university spokesperson. "For example, we aim to equip students interested in engineering and architecture with powerful 3D design software, and to allow medical and dental students to get first-hand experience of medical imaging systems."

2 The challenge

To realize this goal, the university set out to refresh thousands of workstations in its computer labs and other campus locations with modern, high-performance devices.

"Our IT solution selection process is guided by the university's strategic goals. In particular, we aim to ensure that every technology investment aligns with our sustainability objectives," adds the spokesperson.

"We evaluated workstations from several leading vendors against our **core criteria of performance, cost-effectiveness, and sustainability**. We were very impressed with the Lenovo ThinkStation P2 Tower workstations. Even for tough, compute-intensive workloads, they provided **excellent performance** with cool, quiet operation."

Spokesperson

A leading university in East Asia

Boosting performance

With a compact physical footprint and robust design, Lenovo ThinkStation P2 Tower workstations were the ideal fit for the university's computer labs, where students work around the clock with everything from computer-aided design applications to virtual and augmented reality software.

"Our IT partner helped us seamlessly deploy the new Lenovo workstations with minimal downtime for our labs," confirms the spokesperson. "Today, we're using thousands of Lenovo ThinkStation P2 Tower workstations and hundreds of Lenovo ThinkCentre M90a PCs in our student labs, research centers, administrative offices, and other university departments."

Services
Lenovo CO_2 Offset Services

Hardware
Lenovo ThinkStation P2 Tower Workstation

Software
FileWave
Lenovo Performance Tuner

3 The solution

Offsetting carbon

For the university, one of the key advantages of the Lenovo solution was the ability to offset the estimated carbon emissions of its new devices at the point of purchase. With Lenovo CO_2 Offset Services, the university can account for each device's average lifetime emissions and support climate action projects vetted by independent organizations such as the United Nations, Gold Standard®, and Climate Action Reserve.

"We see Lenovo as a trustworthy partner to accompany us on our journey to becoming climate neutral," says the spokesperson. "Lenovo CO_2 Offset Services gives us complete transparency of the carbon offsets for each of our devices, and full visibility of the climate action projects that we are helping to support."

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"Lenovo and our IT partner ran us a **well-coordinated implementation** that required minimal manual work from our IT team. The teams also helped us configure the Lenovo Performance Tuner tool, which optimizes settings on our workstations in real time so that **demanding applications run at their best**."

Spokesperson

A leading university in East Asia

Today, students across the university use high-performance workstations to drive industry-specific applications, while faculty and researchers benefit from stable, efficient technology for teaching and research.

"We can now offer a higher level of performance to our users while offsetting our carbon emissions—helping us to advance our digital transformation and sustainability objectives at the same time," comments the spokesperson. "We have offset almost 4,000 tons of CO_2 to date, and we see that the reliability of Lenovo workstations will help us maintain a low total cost of ownership over the long term."

✓ **Advances sustainability objectives by offsetting thousands of tons of CO_2**

✓ **Delivers high performance for demanding software**

✓ **Supports outstanding teaching, learning and research**

"We are **very satisfied with our partnership** with Lenovo and our IT partner. Lenovo delivered high-performance workstations and CO_2 Offset Services that met all our requirements, while our IT partner provided **excellent deployment and support services** to help us get started rapidly."

Spokesperson

A leading university in East Asia

Why Lenovo?

For the university, the combination of high performance and simple carbon offsetting was a key factor in the decision-making process. "We felt that Lenovo ThinkStation P2 Tower workstations offered the best chipset within the most compact and reliable chassis," recalls the spokesperson. "Lenovo CO_2 Offset Services made it very convenient for us to align the purchase of the new devices with our sustainability objectives—and we're pleased that we are contributing to global climate action projects."

How can universities combine performance and sustainability?

This leading university in East Asia deployed Lenovo ThinkStation P2 Tower workstations with Lenovo CO_2 Offset Services, boosting performance for students while contributing to global climate action projects.

Explore Lenovo Sustainability Solutions