

Technology | Czechia

# Helping more businesses thrive in the AI economy

vshosting~

Top Czech hosting provider expands its solution portfolio with an innovative GPU as a Service (GPUaaS) offering, based on Lenovo ThinkSystem SR675 V3 servers powered by NVIDIA® H100 Tensor Core and NVIDIA L40S GPUs—helping more of its clients to accelerate their journey to AI.

Lenovo



NVIDIA

# 1

## Customer background

# Who is vshosting~?

Part of the Contabo Group, vshosting~ provides professional hosting solutions for IT and e-commerce. Based in Prague, the company is the number-one provider of managed hosting services in Czechia and Slovakia. In fact, vshosting~ manages the infrastructure of over 60% of Czech e-commerce sites.

The company prides itself on providing the best and fastest support (average response times of just one minute, with technical issues usually resolved within 15 minutes), top expertise, and reliable infrastructure.

**vshosting~**

## 2 The challenge

# Servicing the AI boom

vshosting~ is growing fast, and in recent years has expanded beyond its domestic market into Germany and Hungary. As well as breaking into new markets, vshosting~ aims to drive further growth by expanding its product portfolio. The company identified AI solutions as a key opportunity.

Marián Holý, the company's CCO, takes up the story: "NVIDIA GPUs excel in massively parallel data processing, crucial for artificial intelligence [AI], machine learning [ML], and big data analytics workloads. As more and more of our clients look to harness these technologies, the demand for GPU resources is inevitable. We saw the opportunity to launch several new GPU solutions."

## 2 The challenge

# Enabling easy access to GPUs

In addition to offering dedicated GPU servers to its clients, vshosting~ was eager to build a GPU cloud. This would provide flexible, cost-effective access to GPU resources on a subscription basis, ideal for organizations just starting out on their AI and ML journey.

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**“Improving services for our clients is our long-term goal. We focus on managed hosting solutions which add a great deal of value for our clients. We ensure 24/7 support, continuous monitoring, and advice on infrastructure design.”**

**Damir Špoljarič**

CEO & Co-Founder, vshosting~

# 3 The solution

## Powerful infrastructure

vshosting~ engaged Lenovo to support the creation of its GPU as a Service (GPUaaS) infrastructure.

The company selected Lenovo ThinkSystem SR675 V3 servers, powered by NVIDIA® H100 Tensor Core and NVIDIA L40S GPUs.

Clients can choose the best AI infrastructure solution for their needs at a competitive price.

### **Hardware**

Lenovo ThinkSystem SR675 V3  
NVIDIA® H100 Tensor Core GPUs  
NVIDIA L40S GPUs

# 3 The solution

## Competitive prices

At vshosting~, renting a dedicated server with NVIDIA L40S GPUs starts at €2,900 per month, and a server with more powerful NVIDIA H100 Tensor Core GPUs is priced at €7,100 per month. These dedicated servers come equipped with four GPUs and substantial GPU memory. There is also the option to obtain virtual GPU compute instances via vshosting~'s GPU Cloud solution, starting at just €26 per day.

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**Dedicated**  
Servers

**Virtual**  
GPU compute instances

# 4 The results

## All-new GPUaaS

vshosting~'s expansion into GPUaaS has been a great success, with dozens of clients embracing dedicated server and cloud solutions to support their AI and ML workloads. These include: an AI-powered machine vision solution that helps detect and prevent manufacturing defects; implementation and development services for advanced AI solutions; processing high volumes of data for trading on the stock exchange; and interpretable data processing by university scientists.



Instant availability for GPUaaS



99.9999% uptime



99.6% customer satisfaction



Very short lead times for dedicated offerings



# 4 The results

## Meeting client demand for GPUs

Marián Holý comments: “Our GPUaaS portfolio enables clients to maximize the performance and efficiency of their AI workloads without the need for significant upfront hardware investments.”

With state-of-the-art Lenovo ThinkSystem SR675 V3 servers powered by NVIDIA H100 Tensor Core and NVIDIA L40S GPUs, vshosting~ can ensure optimal performance, reliability, and efficiency for its clients' workloads.

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**“Demand for GPU resources will only continue to grow in the coming years. Backed by powerful Lenovo and NVIDIA technology, we can capitalize on those opportunities.”**

**Marián Holý**

CCO, vshosting~

# Why Lenovo?

In search of a trusted technology partner to build its GPUaaS infrastructure, vshosting-consulted with parent company Contabo Group. Contabo has been using Lenovo ThinkSystem technology to underpin its server hosting and cloud infrastructure for many years.

“Lenovo came highly recommended by our parent company,” recalls Marián Holý. “We were also impressed by the wide range of GPU options available for ThinkSystem servers. This enables us to build custom configurations to meet diverse client needs.”

He adds: “Since the very first engagement, Lenovo has provided truly excellent service. We have a dedicated account representative, and we know we can rely on him for a fast response when we need any technical advice or support.”

# How can hosting providers capitalize on the growing demand for AI?

vshosting~ built a GPUaaS offering based on Lenovo and NVIDIA technology, making it quicker and easier for clients to get started with AI.

[Explore Lenovo ThinkSystem Solutions](#)

