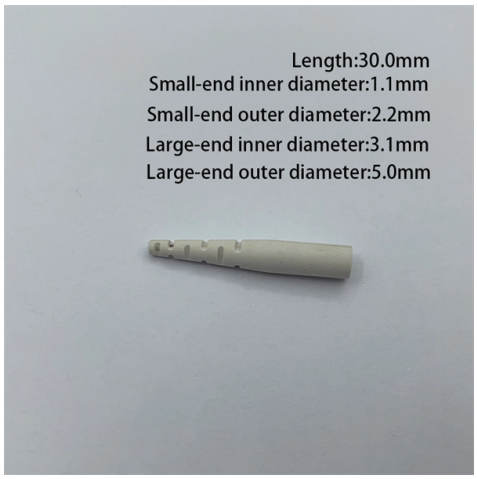
High-density micro-module data center in Latvia



Overview

Is Riga the Baltics' Answer to AI Data Centre Demand?

With constraints tightening in core markets, Riga is gaining traction as a viable alternative for high.

Key Takeaways

Delska's EU North Riga LV DC1 is a 10 MW, high-density, AI-ready data center in Riga, Latvia, designed for HPC workloads with up to 250 kW per rack and full renewable energy support.

Overview

Delska, a Baltic operator formed from the merger of DEAC and Data Logistics Center, launched its EU North Riga LV DC1 facility in Riga, Latvia, as a high-density micro-module data center tailored for AI and high-performance computing (HPC) workloads. The 7,100-square-meter facility supports up to 250 kW per rack, placing it firmly in the high-density category, and is designed to scale from 10 MW to 30 MW on acquired land. This modular approach allows for flexible expansion while maintaining operational efficiency.

Technical Specifications

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Rack Density: 250 kW per rack, supporting GPU-intensive and accelerated workloads Total Area: 7,100 sqm (76,425 sq ft)Initial Capacity: 10 MW, expandable to 30 MWCooling Systems: Hot-aisle containment, advanced free-cooling, Weiss Technik Vindur® CoolW@ll systems, Trane chillers, and both air and direct-to-chip liquid cooling for high-density GPU racks Power Supply: Secured grid power with backup generators running on Neste MY Renewable Diesel; electricity during maintenance is redirected to consumers to reduce waste Sustainability: Powered entirely by renewable energy from Northern European wind farms, solar parks, and hydroelectricity; designed for PUE below 1.

3 Strategic ImportanceThe facility positions Riga as a competitive alternative to traditional European data center hubs like Frankfurt, Amsterdam, and London, which face power and space constraints. By offering high-density, AI-ready infrastructure in a less saturated region, Delska supports enterprises seeking scalable, sustainable, and high-performance computing capacity. The Latvian government has recognized the project as a milestone in the country's digital development, highlighting its role in European digital sovereignty and economic growth.

Sustainability and Energy Efficiency

Sustainability is central to the design of EU North Riga LV DC1. The facility uses 100% green energy, advanced cooling solutions, and renewable diesel for backup power. Delska is also exploring waste heat reuse in collaboration with Riga's municipal heating company to supply residential buildings, further enhancing energy efficiency.

ConclusionDelska's EU North Riga LV DC1 represents a state-of-the-art, high-density micro-module data center in Latvia, combining modular scalability, high rack density, AI and HPC readiness, and a strong sustainability profile. It exemplifies the Baltic region's growing attractiveness for advanced computing infrastructure and positions Latvia as a viable alternative to traditional European data center hubs.

Article Content

Is Riga the Baltics'' Answer to AI Data Centre Demand?

With constraints tightening in core markets, Riga is gaining traction as a viable alternative for high-density infrastructure in the Baltics.

Delska Launches Advanced Sustainable Data Center in Riga, Latvia

Data center operator Delska has opened a new facility in Riga, positioning Latvia more directly in Europe''s tightening infrastructure map as demand for AI and high-performance computing

Delska Launches Riga Data Center, Bolstering Baltic Digital

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Delska inaugurates a 10MW data center in Riga, Latvia, enhancing regional digital capabilities with a focus on high-density power and renewable energy.

Launch Event of 10MW Data Center in Latvia | Delska

On 15th April, Delska officially opened the doors to EU North Riga LV DC1 data center in Riga. This facility is a critical hub for the Northern European digital economy.

Latvia monthly briefing: Sustainable Development of Data Centers in ...

In Latvia, major data centers highlight sustainable digital growth. Delska, formed from DEAC and Data Logistics Center, will launch a 30 MW facility in Riga in 2025 powered entirely by

President of Latvia Visits Delska''s New Data Center

Delska is one of the leading data centers operators in the Baltic region, with 26+ years of experience in IT and network infrastructure. The company provides cloud, server rental, colocation,

Delska launches data center in Riga, Latvia

Baltic operator Delska has launched its 10MW data center in Riga, Latvia. The company this week launched EU North Riga LV DC1. Delska said the 7,100 sqm (76,425 sq ft) facility can

Delska opens 10 MW Riga data center as Latvia pushes for a bigger

Delska has officially opened EU North Riga LV DC1, a new 10 MW data center in Riga designed for artificial intelligence and high-performance computing workloads, marking one of the

Latvia''s New AI Super-Hub: Delska Launches Sustainable Data Center

In a move set to reshape Northern Europe''s digital landscape, data center operator Delska today officially launched EU North Riga LV DC1, a highly advanced 10 MW facility engineered

Riga Data Centers

Riga Data Centers Below you will find locations of 25 data centers in Riga (Riga), Latvia. To find other data center locations and colocation, cloud or connectivity providers in Latvia, please click here.

Is Riga the Baltics'' Answer to AI Data Centre Demand?

Evika Silina, Prime Minister of Latvia, pointed to the broader significance of the project in attracting investment and supporting national

Delska''s New 10MW Data Center in Latvia Achieves Tier III Design ...

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It supports both air cooling and high-density direct-to-chip cooling. Delska also aims for LEED green building certification, an achievement held by fewer than 15 buildings in Latvia. Upon

The Intelligent Micro Module, the Element of Intelligent Data Centers

The Intelligent Micro Module can provide simultaneous, efficient operations in order to provide the best green data center, the best asset management, and optimum capacity matching. A variety of

Secure & No. 1 Redundant Latvia Data Center | Packet Exchange

Explore our advanced Latvia data center located in Riga. Benefit from Tier-III redundancy, carrier-neutral connectivity, and reliable colocation services in one of the Baltic region''s most strategic digital hubs.

Designing a Data Center for High-Density Hardware Solutions

How a high-density design approach is needed for today''s workloads to achieve maximum performance and maintain environmental sustainability.

Smart Modular Data Center Facilities

The Intelligent Micro Module, the Element of Intelligent Data Centers The modular data center, comprised of micro modules, has become more and more popular. The modules'' flexibility and

Vertiv Launches High-Density Prefabricated Modular Data Center

According to the latest research by Omdia, demand for prefabricated modular and micro data center solutions has been accelerated by AI, with Vertiv being cited as a global leader.

Latvia Data Centers

Data Centers in Latvia with map. List of available providers and facilities in Latvia, including Colocation, Bare Metal Servers, and IaaS Data Centers.

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