

High-density edge data center inquiries in Ireland



Article Overview

Ireland offers multiple high-density edge data center options, particularly in Dublin, with facilities supporting up to 3.23 kW/m² and flexible campus expansions for AI and compute-intensive workloads.

Key Providers and Facilities

EdgeConneX Dublin operates two purpose-built data centers in the Grange Castle Business Park, with land-banked property for up to five additional facilities. The campus is power banked for over 170 MW, providing ample capacity for high-density deployments and interconnection services to major network providers . Vantage Data Centers Dublin Campus spans 22 acres in Profile Park, offering two initial facilities with 52 MW of capacity across 38,000 m². The campus supports high-density applications at 300 W/SF (3.23 kW/m²), with N+1 redundancy, multi-fuel generation (primarily HVO and gas), and a highly efficient closed-loop chilled water cooling system with integrated economizer capability . The campus is carrier-neutral, providing multiple fiber pathways and flexible network management.

Market Context

Ireland, particularly Dublin, is one of Europe's largest data center hubs, with around 80 operational facilities and 40 more with planning permission . The region is experiencing rapid data traffic growth at 41% CAGR, driven by AI, cloud adoption, and smart device proliferation . However, grid capacity and low-carbon energy supp...

Article Content

The future of data centres in Ireland

Ireland's growing data centre sector is a key challenge, pitting climate goals against growth of the digital economy. Amidst a global

Facilitating Data Centre Demand in Ireland

The current AI revolution presents Ireland with the opportunity to attract Foreign Direct Investment, particularly within

Ireland Data Center Market Report 2025-2030 | Ireland's National ...

Ireland's data center market is poised for significant growth, with a forecasted CAGR of 9.79% from 2024 to 2030. Key

Data centres and energy

Abstract Ireland hosts a thriving and growing data centres sector. The energy footprint of these services has grown rapidly, and due

Expansive Data Center Campus in Dublin, Ireland

Explore EdgeConneX Dublin Data Center Campus, offering scalable power, advanced security, and seamless connectivity. With

DATA CENTRES INFOCARD JANUARY 2025

Edge Examples: BT, Eir, OPW. Purpose built by private companies involved in financial transaction, telecom and IT type industries.

Data Centres Ireland – Energy, Growth and the Grid

Data centres Ireland have become one of the most debated infrastructure topics in the country, sitting at

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Google's service, offered free of charge, instantly translates words, phrases, and web pages between English and over 100 other

Data Centers in Dublin, Ireland | EdgeConneX Global Data Center

Use this form to drop us a note to request more information or a data center tour in Dublin. Or, call us at +1.866.304.3217. There are

Ireland Existing & Upcoming Data Center Portfolio

EdgeConneX, Echelon data centres, K2 Data Centres and Equinix rank among the leading data center operators by capacity across

Data centres in Ireland

As a consequence of this popularity, as well as structural demand drivers such as cloud adoption and smart device

Ireland's data centre policy reset: Europe digital infrastructure

Ireland's data centre market is dominated by the hyperscale market segment which operate large facilities well in excess of 10MVA.

Modular Data Center Solutions | Dell Ireland

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Data Centres in Ireland

History of Data Centre Hubs in Ireland Ireland has a well-established history in the data sector, with over 60 years of experience and

The Future of Data Centres in Ireland | Addleshaw

Data centre development has become a significant industry in Ireland over the last decade. In this article,

Ireland's data centre ecosystem in 2024

Although data centre activity in Ireland has experienced a temporary slowdown due to energy infrastructure

The challenges of High-Density AI for Data Centres

The Prefabricated Modular EcoStruxure Pod Data Centre is now shipping pre-designed and pre-assembled with all

Ireland Data Center Market Size, Share, Report 2031

By data center type, hyperscale and self-built facilities captured 76.35% of the Ireland data center market share in

Ireland Data Centers

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

Data Centres in Ireland – Energy Concerns | Mason Hayes Curran

Energy constraints for data centres According to a study by Bitpower in October 2024, €15 billion has been invested in

Data centre approach in Ireland

Data centres accounted for approximately 22% of Ireland's electricity demand in 2024, with projections nearing 30% by

Ireland Data Center Market Report 2025-2030

Ireland's data center market is poised for significant growth, with a forecasted CAGR of 9.79% from 2024 to 2030. Key

Ireland Data Center Market Size, Share, Report 2031

By data center size, hyperscale campuses accounted for 60.14% of the Ireland data center market share in 2025 and

Ireland Edge Data Center Market (2025-2031) | Analysis & Forecast

6Wresearch actively monitors the Ireland Edge Data Center Market and publishes its comprehensive annual report, highlighting

What is an Edge Datacenter | Glossary | HPE Ireland

An edge data center is closer to end users or devices, reducing data transit time and latency. Applications needing real-time

Ireland Data Center Market Growth, Trends, and Forecasts 2023-2028 ...

The competitive landscape of Ireland's data center market is moderately fragmented, with both global players and

Ireland Data Center, Colocation & AI-Optimized Infrastructure

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