

Major Edge Data Center Market Trend 2025-2034: Revolutionizing Edge Data Centers With Sustainability

The Business Research Company's Edge Data Center Global Market Report 2025 - Market Size, Trends, And Global Forecast 2025-2034

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Edge Data Center Market Report 2025 - Market Size, Trends, And Global Forecast 2025-2034

The global edge data center market has been growing exponentially and is expected to soar from \$13.56 billion in 2024 to \$16.64 billion in 2025, marking a compound annual growth rate

CAGR of 22.7%. The surge in the historic period can be ascribed to a demand for low latency in high-performance applications, the rise of bandwidth-intensive applications, data sovereignty and privacy concerns, the use of edge analytics for real-time insights, and the drive for edge security and compliance.

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Where Is The Edge Data Center Market Headed In The Future?

In accordance with The Business Research Company's Latest Report, the [edge data center market size](#) is

projected to escalate significantly in the next few years. It is projected to reach a whopping \$45.3 billion by 2029, signifying a compound annual growth rate CAGR of 28.5%. This spurt in the forecast period stems from various factors including the development of edge-native applications, the proliferation of smart cities and edge infrastructure, the deployment of edge data centers in retail settings, initiatives for energy efficiency in edge data centers, and the trend of containerization at the cutting-edge of technological advances.

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What Are The [Edge Data Center Market Growth Drivers](#)?

The increase in internet penetration and rapid digitization has been influencing the growth trajectory of the edge data center market. High internet penetration, defined as the relationship between the number of internet users within a country and its demographic data, alongside rapid digitization which involves converting information into a computer-readable format, both play pivotal roles in driving the market forward. Edge data centers are utilized to incorporate diverse digital devices and electronic devices via the internet, with an edge data server acting as a conduit between two geographically separated networks, bridging them through the internet.

[Which Industry Players Dominate The Edge Data Center Market?](#)

Industry leaders such as 365 Data Centers Services LLC, Compass Datacenters LLC, DC BLOX Inc., and Eaton Corporation PLC are steering the expansion of the edge data center market. A prevalent trend indicates that these major companies are cultivating strategic partnerships to amplify their offerings. Such partnerships leverage mutual strengths and resources of the involved parties, aiming for shared benefits and success.

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How Is The Edge Data Center Market Segmented?

The edge data center market, as covered in this report, is segmented by various factors and subsegments:

1 Components: Solutions and Services

2 Product Types: General construction, Power management systems, Cooling systems, Security solutions, Racks, Other Product Types

3 Data Center Sizes: Micro Data Centers, Hyperscale or Enterprise Data Center, Other Data Center Sizes

4 Applications: Banking, Financial Services and Insurance, Telecommunication and IT, Government, Healthcare, Manufacturing, Media and Entertainment, Transportation and Logistics, Hospitality, Other Applications

Subsegments:

1 Solution: Hardware, Software

2 Service: Professional Services, Managed Services

Which Regions Lead The Edge Data Center Market?

From a geographical standpoint, North America secured the position of the largest region in the edge data center market in 2024. However, Asia-Pacific is predicted to outpace other regions as

the fastest-growing within the forecast period. The report offers insights into myriad regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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