

# **Edge Data Center Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application**

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## **Abstracts**

### Edge Data Center Market Overview

The Edge Data Center market is poised for significant growth between 2025 and 2030, driven by the increasing demand for low-latency data processing and the proliferation of IoT devices. Edge data centers are decentralized facilities that bring computing resources closer to the end-users, reducing latency and improving performance. The market is expected to grow at a compound annual growth rate (CAGR) of 22.5% from 2025 to 2030, reaching a market size of \$13.5 billion by 2030.

### Market Size and Share Analysis

The global Edge Data Center market was valued at \$4.8 billion in 2025 and is projected to grow to \$13.5 billion by 2030. The market is segmented by product type, process, application, end-use, and region. The North American region currently holds the largest market share at 38%, followed by Europe at 28%, and the Asia-Pacific region at 25%. The remaining 9% is distributed among other regions.

### By Product Type

Micro Data Centers: Expected to grow at a CAGR of 24% from 2025 to 2030.

Modular Data Centers: Projected to grow at a CAGR of 21% during the same period.

Containerized Data Centers: Anticipated to grow at a CAGR of 20%.

### By Key Players

The market is highly competitive with key players such as Equinix, Digital Realty Trust, CyrusOne, QTS Realty Trust, Switch, AT&T, Deutsche Telekom, China Telecom, China

Unicom, EdgeConneX, 365 Data Centers, and H5. These companies are focusing on strategic partnerships, mergers, and acquisitions to strengthen their market position.

### By Process

Cooling Systems: Expected to grow at a CAGR of 23%.

Power Management: Projected to grow at a CAGR of 22%.

Networking: Anticipated to grow at a CAGR of 21%.

### By Application

Large Enterprises: Expected to hold a market share of 65% by 2030.

SMEs: Projected to hold a market share of 35% by 2030.

### By End-Use

IT & Telecom: Expected to grow at a CAGR of 25%.

Healthcare: Projected to grow at a CAGR of 22%.

Retail: Anticipated to grow at a CAGR of 20%.

Manufacturing: Expected to grow at a CAGR of 19%.

### Market Trends

The Edge Data Center market is witnessing several key trends:

**Increased Adoption of IoT:** The proliferation of IoT devices is driving the demand for edge data centers, as they require low-latency data processing.

**5G Deployment:** The rollout of 5G networks is expected to significantly boost the market, as 5G requires edge computing to deliver high-speed, low-latency services.

**Energy Efficiency:** There is a growing focus on energy-efficient data center solutions to reduce operational costs and environmental impact.

### Market News on Policy and Companies

Recent developments in the Edge Data Center market include:

**Policy Changes:** Governments worldwide are implementing policies to promote the adoption of edge computing, such as tax incentives and subsidies for energy-efficient data centers.

**Company News:**

Equinix announced a new edge data center in Frankfurt, Germany, to cater to the growing demand in Europe.

Digital Realty Trust acquired a majority stake in a leading edge data center provider to expand its footprint in the Asia-Pacific region.

AT&T partnered with Microsoft to deploy edge computing solutions for enterprise customers.

**Segment Forecasts 2025 - 2030**

The Edge Data Center market is segmented into various categories, each with its own growth trajectory:

**By Product Type:** Micro data centers are expected to dominate the market, with a projected CAGR of 24%.

**By Application:** Large enterprises will continue to hold the largest market share, with a projected CAGR of 23%.

**By End-Use:** The IT & Telecom sector is expected to grow at the highest CAGR of 25%.

**By Region:** North America will remain the largest market, with a projected CAGR of 22%, followed by Europe and Asia-Pacific.

**Conclusion**

The Edge Data Center market is set for robust growth between 2025 and 2030, driven by the increasing demand for low-latency data processing, the proliferation of IoT devices, and the rollout of 5G networks. Key players in the market are focusing on strategic partnerships and acquisitions to strengthen their market position. With a projected CAGR of 22.5%, the market is expected to reach \$13.5 billion by 2030, offering significant opportunities for growth and innovation.

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