Edge Computing Market: Trends, Opportunities and Competitive Analysis [2023-2028]

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Abstracts

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Edge Computing Market Trends and Forecast

The future of the global edge computing market looks promising with opportunities in the manufacturing, energy and utility, government and defense, telecommunication, media and entertainment, retail and consumer good, transportation and logistic, and healthcare and logistic end use industries. The global edge computing market is expected to reach an estimated $74.8 billion by 2028 with a CAGR of 16.4% from 2023 to 2028. The major drivers for this market are a rising number of use cases requiring low-latency processing, increasing adoption of AI, smart devices and industrial IoT, and growing demand for deployment of a 5G network.

Edge Computing Market

A more than 150-page report is developed to help in your business decisions. A sample figure with some insights is shown below.

Edge Computing Market by Segments
Edge Computing Market by Segment
The study includes trends and forecast for the global edge computing market by component, organization size, application, end use industry, and region, as follows:
Edge Computing Market by Component [Value ($B) Shipment Analysis from 2017 to 2028]:
Hardware
Software

Services
Edge Computing Market by Organization Size [Value ($B) Shipment Analysis from 2017 to 2028]:
Large Enterprises
SMEs
Edge Computing Market by Application [Value ($B) Shipment Analysis from 2017 to 2028]:
Smart Cities
Industrial Internet of Things (IoT)
Remote Monitoring
Content Delivery
Augmented Reality (AR) and Virtual Reality (VR)
Others
Edge Computing Market by End Use Industry [Value ($B) Shipment Analysis from 2017 to 2028]:
Manufacturing
Energy and Utilities
Government and Defense
Telecommunications
Media and Entertainment
Retail and Consumer Goods
Transportation and Logistics
Healthcare and Life Sciences
Others
Edge Computing Market by Region [Value ($B) Shipment Analysis from 2017 to 2028]:
North America
Europe
Asia Pacific
The Rest of the World
List of Edge Computing Companies
Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies, edge computing companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the edge computing companies profiled in this report include-
AWS
Cisco

Dell Technologies
Google
HPE
Huawei
IBM
Intel
Microsoft
EInfochips
Honeywell International
Rockwell Automation

Edge Computing Market Insights

Lucintel forecasts that hardware will remain the largest component segment over the forecast period due to increasing penetration of connected devices along with growing demand for secure and efficient data processing at the edge of network.

Within this market, manufacturing will remain the largest end use industry segment from 2023 to 2028 due to the emergence of digital technologies for data collection, analysis, product insights, and efficiency and increasing deployment of IoT by the manufacturing companies, which are demanding edge computing to enrich the interoperability among IoT devices and improve production efficiency.

APAC will remain the largest region during the forecast period due to increasing digitalization, rapid adoption of cloud-based strategies by organizations, and increasing government funding to empower digitization across developing nations, such as China, India, Japan, and South Korea.

Features of the Edge Computing Market

Market Size Estimates: Edge computing market size estimation in terms of value ($B)

Trend and Forecast Analysis: Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

Segmentation Analysis: Edge computing market size by various segments, such as by component, organization size, application, end use industry, and region

Regional Analysis: Edge computing market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different components, organization sizes, applications, end use industries, and regions for the edge computing market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the edge computing market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the edge computing market size?

Answer: The global edge computing market is expected to reach an estimated $74.8 billion by 2028.

Q2. What is the growth forecast for edge computing market?

Answer: The global edge computing market is expected to grow with a CAGR of 16.4% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the edge computing market?

Answer: The major drivers for this market are rising number of use cases requiring low-latency processing, increasing adoption of AI, smart devices and industrial IoT, increasing expenditure for autonomous vehicles, and growing demand for deployment of a 5G network.

Q4. What are the major segments for edge computing market?

Answer: The future of the global edge computing market looks promising with opportunities in the manufacturing, energy and utility, government and defense, telecommunication, media and entertainment, retail and consumer good, transportation and logistic, and healthcare and logistic end use industries.

Q5. Who are the key edge computing companies?

Answer: Some of the key edge computing companies are as follows:

AWS

Cisco

Dell Technologies

Google

HPE

Huawei

IBM

Intel

Microsoft

EInfochips

Honeywell International

Rockwell Automation

Q6. Which edge computing segment will be the largest in future?

Answer:Lucintel forecasts that hardware will remain the largest component segment over the forecast period due to increasing penetration of connected devices along with a growing demand for secure and efficient data processing at the edge of network.

Q7. In edge computing market, which region is expected to be the largest in next 5 years?

Answer: APAC will remain the largest region during the forecast period due to increasing digitalization, rapid adoption of cloud-based strategies by organizations, and increasing government funding to empower digitization across developing nations, such as China, India, Japan, and South Korea.

Q8. Do we receive customization in this report?
Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions
Q.1. What are some of the most promising, high-growth opportunities for the global edge computing market by component (hardware, software, and services), organization size (large enterprises and SMEs), application (smart cities, industrial internet of things (IoT), remote monitoring, content delivery, augmented reality (AR) and virtual reality (VR), and others), end use industry (manufacturing, energy and utilities, government and defense, telecommunications, media and entertainment, retail and consumer goods, transportation and logistics, healthcare and logistics, and Others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?
Q.2. Which segments will grow at a faster pace and why?
Q.3. Which region will grow at a faster pace and why?
Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?
Q.5. What are the business risks and competitive threats in this market?
Q.6. What are the emerging trends in this market and the reasons behind them?
Q.7. What are some of the changing demands of customers in the market?
Q.8. What are the new developments in the market? Which companies are leading these developments?
Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?
Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?
Q.11. What M&A activity did occur in the last five years and how did they impact the industry?

For any questions related to edge computing market or related to edge computing companies, edge computing market size, edge computing market share, edge computing analysis, edge computing market growth, edge computing market research, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

Contents

4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION FROM 2017 TO 2028

4.1: Edge Computing Market by Region
4.2: North American Edge Computing Market
  4.2.1: North American Edge Computing Market by Component: Hardware, Software, and Services
  4.2.2: North American Edge Computing Market by End Use Industry: Manufacturing, Energy and Utilities, Governments and Defense, Telecommunications, Media and Entertainment, Retail and Consumer Goods, Transportation and Logistics, Healthcare and Logistics, and Others
4.3: European Edge Computing Market
  4.3.1: European Edge Computing Market by Component: Hardware, Software, and Services
  4.3.2: European Edge Computing Market by End Use Industry: Manufacturing, Energy and Utilities, Governments and Defense, Telecommunications, Media and Entertainment, Retail and Consumer Goods, Transportation and Logistics, Healthcare and Logistics, and Others
4.4: APAC Edge Computing Market
  4.4.1: APAC Edge Computing Market by Component: Hardware, Software, and Services
  4.4.2: APAC Edge Computing Market by End Use Industry: Manufacturing, Energy and Utilities, Governments and Defense, Telecommunications, Media and Entertainment, Retail and Consumer Goods, Transportation and Logistics, Healthcare and Logistics, and Others
4.5: ROW Edge Computing Market
  4.5.1: ROW Edge Computing Market by Component: Hardware, Software, and Services
  4.5.2: ROW Edge Computing Market by End Use Industry: Manufacturing, Energy and Utilities, Governments and Defense, Telecommunications, Media and Entertainment, Retail and Consumer Goods, Transportation and Logistics, Healthcare and Logistics, and Others

5. COMPETITOR ANALYSIS

5.1: Product Portfolio Analysis
5.2: Operational Integration
5.3: Porter's Five Forces Analysis

6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

6.1: Growth Opportunity Analysis
  6.1.1: Growth Opportunities for the Edge Computing Market by Component
  6.1.2: Growth Opportunities for the Edge Computing Market by Organization Size
  6.1.3: Growth Opportunities for the Edge Computing Market by Application
  6.1.4: Growth Opportunities for the Edge Computing Market by End Use Industry
  6.1.5: Growth Opportunities for the Edge Computing Market by Region
6.2: Emerging Trends in the Global Edge Computing Market
6.3: Strategic Analysis
  6.3.1: New Product Development
  6.3.2: Capacity Expansion of the Global Edge Computing Market
  6.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Edge Computing Market
  6.3.4: Certification and Licensing

7. COMPANY PROFILES OF LEADING PLAYERS

7.1 AWS
7.2 Cisco
7.3 Dell Technologies
7.4 Google
7.5 HPE
7.6 Huawei
7.7 IBM
7.8 Intel
7.9 Microsoft
7.10 EInfochips
7.11 Honeywell International
7.12 Rockwell Automation

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