

# **Global Edge AI Software Market, by Component (Solutions, Services), by Applications (Autonomous Vehicles, Access Management, Video Surveillance, Remote Monitoring and Predictive Maintenance, Telemetry, Energy Management, Others), by Data source (Video and Image Recognition, Speech Recognition, Biometric Data, Sensor Data, Mobile Data), by Vertical (Government and Public Manufacturing, Automotive, Energy and Utilities, Telecom, Healthcare, Others) and Regional Forecasts 2020-2027**

<https://marketpublishers.com/r/G9461E63A800EN.html>

Date: February 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G9461E63A800EN

## **Abstracts**

Global Edge AI Software Market is valued at approximately USD 0.48 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 20.3 % over the forecast period 2020-2027. In a cloud-based server farm, artificial intelligence is currently carried out mainly. Most of the preparation for AI is done through the training of deep learning models, which includes specialized computer skills. AI derivation, which is performed after preparation, and is typically less compute-focused, has been largely ignored from an AI processing perspective. Numerous factors such as growing enterprise workloads on the cloud and fast growth in the number of intelligent applications are likely to drive the adoption of the edge AI services and solutions. Edge AI software is used in connected vehicles as it aids in data processing immediately with safe hardware that is used to run the linked cars or autonomous vehicles. For instance, in august 2020, Bosch and Pony.AI have partnered on fleet management of automobile vehicles with the assistance of AI software. Edge AI software is used in administration

of different data which in turn facilitates business to enhance speed, bandwidth, improved data analysis, enhanced individual experience, and reduce latency, which is anticipated to boost the global market in the forecast period. However, the increase of security violations, attacks, and Denial of Service (DoS) on systems, such as base stations, routers, and switches, are limiting the adoption of edge AI solutions, thus, hampering the market growth.

The regional analysis of the global Edge AI Software Market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is the leading/significant region across the world in terms of market share, as numerous AI service suppliers in North America are checking in the Edge AI software market by integrating machine learning (ML) and artificial intelligence (AI) functionalities with their current edge AI solutions. Whereas Asia Pacific is also anticipated to exhibit the highest growth rate / CAGR over the forecast period 2020-2027, owing to numerous reasons such as the expansion of local enterprises and government initiatives that are concentrated on advancements in AI technology.

Major market player included in this report are:

Alphabet Inc.  
Microsoft Corporation  
IBM Corporation  
Amazon Web Services, Inc.  
Synaptics Incorporated  
Imagimob AB  
TIBCO Software Inc.  
Octonion SA.  
FogHorn Systems  
Gorilla Technology Group

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Type offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Component:

Solutions

Services

By Applications:

Autonomous Vehicles

Access Management

Video Surveillance

Remote Monitoring and Predictive Maintenance

Telemetry

Energy Management

Others

By Data Source:

Video and Image Recognition

Speech Recognition

Biometric Data

Sensor Data

Mobile Data

By Vertical:

Government and Public

Manufacturing

Automotive

Energy and Utilities

Telecom

Healthcare

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018  
Base year – 2019  
Forecast period – 2020 to 2027.

Target Audience of the Global Edge AI Software Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2018-2027 (USD Billion)
  - 1.2.1. Edge AI Software Market, by Region, 2018-2027 (USD Billion)
  - 1.2.2. Edge AI Software Market, by Component, 2018-2027 (USD Billion)
  - 1.2.3. Edge AI Software Market, by Applications, 2018-2027 (USD Billion)
  - 1.2.4. Edge AI Software Market, by Data Source, 2018-2027 (USD Billion)
  - 1.2.5. Edge AI Software Market, by Vertical, 2018-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL EDGE AI SOFTWARE MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### CHAPTER 3. GLOBAL EDGE AI SOFTWARE MARKET DYNAMICS

- 3.1. Edge AI Software Market Impact Analysis (2018-2027)
  - 3.1.1. Market Drivers
  - 3.1.2. Market Challenges
  - 3.1.3. Market Opportunities

### CHAPTER 4. GLOBAL EDGE AI SOFTWARE MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Data Source
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry

- 4.1.6. Futuristic Approach to Porter's 5 Force Data Source (2017-2027)
- 4.2. PEST Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
- 4.3. Investment Adoption Data Source
- 4.4. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL EDGE AI SOFTWARE MARKET, BY APPLICATIONS**

- 5.1. Market Snapshot
- 5.2. Global Edge AI Software Market by Type, Performance - Potential Analysis
- 5.3. Global Edge AI Software Market Estimates & Forecasts by Type 2017-2027 (USD Billion)
- 5.4. Edge AI Software Market, Sub Segment Analysis
  - 5.4.1. Autonomous Vehicles
  - 5.4.2. Access Management
  - 5.4.3. Video Surveillance
  - 5.4.4. Remote Monitoring and Predictive Maintenance
  - 5.4.5. Telemetry
  - 5.4.6. Energy Management
  - 5.4.7. Others

## **CHAPTER 6. GLOBAL EDGE AI SOFTWARE MARKET, BY COMPONENT**

- 6.1. Market Snapshot
- 6.2. Global Edge AI Software Market by Sales Channel, Performance - Potential Analysis
- 6.3. Global Edge AI Software Market Estimates & Forecasts by Sales Channel 2017-2027 (USD Billion)
- 6.4. Solutions
  - 6.4.1. Services

## **CHAPTER 7. GLOBAL EDGE AI SOFTWARE MARKET, BY DATA SOURCE**

- 7.1. Market Snapshot
- 7.2. Global Edge AI Software Market by Data Source, Performance - Potential Analysis
- 7.3. Global Edge AI Software Market Estimates & Forecasts by Data Source 2017-2027

(USD Billion)

#### 7.4. Edge AI Software Market, Sub Segment Analysis

7.4.1. Video and Image Recognition

7.4.2. Speech Recognition

7.4.3. Biometric Data

7.4.4. Sensor Data

7.4.5. Mobile Data

### **CHAPTER 8. GLOBAL EDGE AI SOFTWARE MARKET, BY VERTICAL**

#### 8.1. Market Snapshot

#### 8.2. Global Edge AI Software Market by Vertical, Performance - Potential Analysis

#### 8.3. Global Edge AI Software Market Estimates & Forecasts by Vertical 2017-2027 (USD Billion)

#### 8.4. Edge AI Software Market, Sub Segment Analysis

8.4.1. Government and Public

8.4.2. Manufacturing

8.4.3. Automotive

8.4.4. Energy and Utilities

8.4.5. Telecom

8.4.6. Healthcare

8.4.7. Others

### **CHAPTER 9. GLOBAL EDGE AI SOFTWARE MARKET, REGIONAL ANALYSIS**

#### 9.1. Edge AI Software Market, Regional Market Snapshot

#### 9.2. North America Edge AI Software Market

##### 9.2.1. U.S. Edge AI Software Market

9.2.1.1. Applications breakdown estimates & forecasts, 2017-2027

9.2.1.2. Component breakdown estimates & forecasts, 2017-2027

9.2.1.3. Data Source breakdown estimates & forecasts, 2017-2027

9.2.1.4. Vertical breakdown estimates & forecasts, 2017-2027

##### 9.2.2. Canada Edge AI Software Market

#### 9.3. Europe Edge AI Software Market Snapshot

##### 9.3.1. U.K. Edge AI Software Market

##### 9.3.2. Germany Edge AI Software Market

##### 9.3.3. France Edge AI Software Market

##### 9.3.4. Spain Edge AI Software Market

##### 9.3.5. Italy Edge AI Software Market

- 9.3.6. Rest of Europe Edge AI Software Market
- 9.4. Asia-Pacific Edge AI Software Market Snapshot
  - 9.4.1. China Edge AI Software Market
  - 9.4.2. India Edge AI Software Market
  - 9.4.3. Japan Edge AI Software Market
  - 9.4.4. Australia Edge AI Software Market
  - 9.4.5. South Korea Edge AI Software Market
  - 9.4.6. Rest of Asia Pacific Edge AI Software Market
- 9.5. Latin America Edge AI Software Market Snapshot
  - 9.5.1. Brazil Edge AI Software Market
  - 9.5.2. Mexico Edge AI Software Market
- 9.6. Rest of The World Edge AI Software Market

## **CHAPTER 10. COMPETITIVE INTELLIGENCE**

- 10.1. Top Market Strategies
- 10.2. Company Profiles
  - 10.2.1. Alphabet Inc.
    - 10.2.1.1. Key Information
    - 10.2.1.2. Overview
    - 10.2.1.3. Financial (Subject to Data Availability)
    - 10.2.1.4. Component Summary
    - 10.2.1.5. Recent Developments
  - 10.2.2. Microsoft Corporation
  - 10.2.3. IBM Corporation
  - 10.2.4. Amazon Web Services, Inc.
  - 10.2.5. Synaptics Incorporated
  - 10.2.6. Imagimob AB
  - 10.2.7. TIBCO Software Inc.
  - 10.2.8. Octonion SA.
  - 10.2.9. FogHorn Systems
  - 10.2.10. Gorilla Technology Group

## **CHAPTER 11. RESEARCH PROCESS**

- 11.1. Research Process
  - 11.1.1. Data Mining
  - 11.1.2. Analysis
  - 11.1.3. Market Estimation



- 11.1.4. Validation
- 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Edge AI Software Market, report scope

TABLE 2. Global Edge AI Software Market estimates & forecasts by region 2017-2027 (USD Billion)

TABLE 3. Global Edge AI Software Market estimates & forecasts by Applications 2017-2027 (USD Billion)

TABLE 4. Global Edge AI Software Market estimates & forecasts by Component 2017-2027 (USD Billion)

TABLE 5. Global Edge AI Software Market estimates & forecasts by Data Source 2017-2027 (USD Billion)

TABLE 6. Global Edge AI Software Market estimates & forecasts by Vertical 2017-2027 (USD Billion)

TABLE 7. Global Edge AI Software Market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 8. Global Edge AI Software Market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 9. Global Edge AI Software Market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 10. Global Edge AI Software Market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 11. Global Edge AI Software Market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 12. Global Edge AI Software Market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 13. Global Edge AI Software Market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 14. Global Edge AI Software Market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 15. Global Edge AI Software Market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 16. Global Edge AI Software Market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 17. Global Edge AI Software Market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 18. Global Edge AI Software Market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 19. Global Edge AI Software Market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 20. Global Edge AI Software Market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 21. Global Edge AI Software Market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 22. Global Edge AI Software Market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 23. U.S. Edge AI Software Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 24. U.S. Edge AI Software Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 25. U.S. Edge AI Software Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 26. Canada Edge AI Software Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 27. Canada Edge AI Software Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 28. Canada Edge AI Software Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 29. UK Edge AI Software Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 30. UK Edge AI Software Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 31. UK Edge AI Software Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 32. Germany Edge AI Software Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 33. Germany Edge AI Software Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 34. Germany Edge AI Software Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 35. France Edge AI Software Market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 36. France Edge AI Software Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 37. France Edge AI Software Market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 38. Spain Edge AI Software Market estimates & forecasts, 2017-2027 (USD

Billion)

TABLE 39. Spain Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 40. Spain Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 41. Italy Edge AI Software Market estimates & forecasts, 2017-2027 (USD  
Billion)

TABLE 42. Italy Edge AI Software Market estimates & forecasts by segment 2017-2027  
(USD Billion)

TABLE 43. Italy Edge AI Software Market estimates & forecasts by segment 2017-2027  
(USD Billion)

TABLE 44. ROE Edge AI Software Market estimates & forecasts, 2017-2027 (USD  
Billion)

TABLE 45. ROE Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 46. ROE Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 47. China Edge AI Software Market estimates & forecasts, 2017-2027 (USD  
Billion)

TABLE 48. China Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 49. China Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 50. India Edge AI Software Market estimates & forecasts, 2017-2027 (USD  
Billion)

TABLE 51. India Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 52. India Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 53. Japan Edge AI Software Market estimates & forecasts, 2017-2027 (USD  
Billion)

TABLE 54. Japan Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 55. Japan Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 56. Australia Edge AI Software Market estimates & forecasts, 2017-2027 (USD  
Billion)

TABLE 57. Australia Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 58. Australia Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 59. South Korea Edge AI Software Market estimates & forecasts, 2017-2027  
(USD Billion)

TABLE 60. South Korea Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 61. South Korea Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 62. ROPAC Edge AI Software Market estimates & forecasts, 2017-2027 (USD  
Billion)

TABLE 63. ROPAC Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 64. ROPAC Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 65. Brazil Edge AI Software Market estimates & forecasts, 2017-2027 (USD  
Billion)

TABLE 66. Brazil Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 67. Brazil Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 68. Mexico Edge AI Software Market estimates & forecasts, 2017-2027 (USD  
Billion)

TABLE 69. Mexico Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 70. Mexico Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 71. ROLA Edge AI Software Market estimates & forecasts, 2017-2027 (USD  
Billion)

TABLE 72. ROLA Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 73. ROLA Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 74. ROW Edge AI Software Market estimates & forecasts, 2017-2027 (USD  
Billion)

TABLE 75. ROW Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 76. ROW Edge AI Software Market estimates & forecasts by segment  
2017-2027 (USD Billion)

TABLE 77. List of secondary sources used in the study of global Edge AI Software

Market.

TABLE 78. List of primary sources used in the study of global Edge AI Software Market.

TABLE 79. Years considered for the study.

TABLE 80. Exchange rates considered.

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Edge AI Software Market, research methodology
- FIG 2. Global Edge AI Software Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Edge AI Software Market, key trends 2019
- FIG 5. Global Edge AI Software Market, growth prospects 2020-2027
- FIG 6. Global Edge AI Software Market, porters 5 force Data Source
- FIG 7. Global Edge AI Software Market, pest analysis
- FIG 8. Global Edge AI Software Market, value chain analysis
- FIG 9. Global Edge AI Software Market by segment, 2017 & 2027 (USD Billion)
- FIG 10. Global Edge AI Software Market by segment, 2017 & 2027 (USD Billion)
- FIG 11. Global Edge AI Software Market by segment, 2017 & 2027 (USD Billion)
- FIG 12. Global Edge AI Software Market by segment, 2017 & 2027 (USD Billion)
- FIG 13. Global Edge AI Software Market by segment, 2017 & 2027 (USD Billion)
- FIG 14. Global Edge AI Software Market by segment, 2017 & 2027 (USD Billion)
- FIG 15. Global Edge AI Software Market by segment, 2017 & 2027 (USD Billion)
- FIG 16. Global Edge AI Software Market by segment, 2017 & 2027 (USD Billion)
- FIG 17. Global Edge AI Software Market, regional snapshot 2017 & 2027
- FIG 18. North America Edge AI Software Market 2017 & 2027 (USD Billion)
- FIG 19. Europe Edge AI Software Market 2017 & 2027 (USD Billion)
- FIG 20. Asia-Pacific Edge AI Software Market 2017 & 2027 (USD Billion)
- FIG 21. Latin America Edge AI Software Market 2017 & 2027 (USD Billion)
- FIG 22. Global Edge AI Software Market, company market share analysis (2019)

## I would like to order

Product name: Global Edge AI Software Market, by Component (Solutions, Services), by Applications (Autonomous Vehicles, Access Management, Video Surveillance, Remote Monitoring and Predictive Maintenance, Telemetry, Energy Management, Others), by Data source (Video and Image Recognition, Speech Recognition, Biometric Data, Sensor Data, Mobile Data), by Vertical (Government and Public Manufacturing, Automotive, Energy and Utilities, Telecom, Healthcare, Others) and Regional Forecasts 2020-2027

Product link: <https://marketpublishers.com/r/G9461E63A800EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G9461E63A800EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:

Last name:

Email:

Company:

Address:

City:

Zip code:

Country:

Tel:

Fax:

Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms



& Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970