

Edge Computing in Healthcare Market Size, Trends, Analysis, and Outlook By Component (Hardware, Software, Services), By Application (Diagnostics, Telehealth & Remote Patient Monitoring, Robotic Surgery, Ambulances, Others), By End-User (Hospitals & Clinics, Long-term Care Centers and Home Care Settings, Ambulatory Care Centers, Others), by Country, Segment, and Companies, 2024-2032

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Abstracts

The global Edge Computing in Healthcare market size is poised to register 33.5% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Edge Computing in Healthcare market across By Component (Hardware, Software, Services), By Application (Diagnostics, Telehealth & Remote Patient Monitoring, Robotic Surgery, Ambulances, Others), By End-User (Hospitals & Clinics, Long-term Care Centers and Home Care Settings, Ambulatory Care Centers, Others)

The edge computing in healthcare market is driven by the increasing demand for real-time data processing and analytics at the network edge, advancements in edge computing infrastructure and IoT devices, and the growing need for remote patient monitoring and telehealth services. By 2030, the market is poised to witness steady growth, driven by innovations in edge servers, edge gateways, and edge AI algorithms. Further, expanding applications in telemedicine, wearable health monitoring, and predictive analytics are expected to drive market expansion, enabling healthcare providers, technology vendors, and system integrators to deliver timely and

personalized care through edge computing solutions that offer low latency, data privacy, and interoperability for efficient data processing and decision support at the point of care and beyond.

Edge Computing in Healthcare Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Edge Computing in Healthcare market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Edge Computing in Healthcare survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Edge Computing in Healthcare industry.

Key market trends defining the global Edge Computing in Healthcare demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Edge Computing in Healthcare Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Edge Computing in Healthcare industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Edge Computing in Healthcare companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Edge Computing in Healthcare industry

Leading Edge Computing in Healthcare companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments

and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Edge Computing in Healthcare companies.

Edge Computing in Healthcare Market Study- Strategic Analysis Review

The Edge Computing in Healthcare market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Edge Computing in Healthcare Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Edge Computing in Healthcare industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios- low case, reference case, and high case scenarios.

Edge Computing in Healthcare Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2032.

North America Edge Computing in Healthcare Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Edge Computing in Healthcare market segments. Similarly, Strong market demand is encouraging Canadian Edge Computing in Healthcare companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Edge Computing in Healthcare market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Edge Computing in Healthcare Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Edge Computing in Healthcare industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Edge Computing in Healthcare market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Edge Computing in Healthcare Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Edge Computing in Healthcare in Asia Pacific. In particular, China, India, and South East Asian Edge Computing in Healthcare markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies

to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

Latin America Edge Computing in Healthcare Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Edge Computing in Healthcare Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Edge Computing in Healthcare market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Edge Computing in Healthcare.

Edge Computing in Healthcare Market Company Profiles

The global Edge Computing in Healthcare market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Advantech Co. Ltd, Amazon Web Services Inc, Capgemini SE, Cisco Systems Inc, Dell Technologies Inc, General Electric Digital, Google LLC, Hewlett Packard Enterprise Company, Huawei Technologies Co. Ltd, IEI Integration corp, Intel Corp, Microsoft Corp, Nokia Corp, NVIDIA Corp, VMware Inc.

Recent Edge Computing in Healthcare Market Developments

The global Edge Computing in Healthcare market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Edge Computing in Healthcare Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Component

Hardware

Software

Services

By Application

Diagnostics

Telehealth & Remote Patient Monitoring

Robotic Surgery

Ambulances

Others

By End-User

Hospitals & Clinics

Long-term Care Centers and Home Care Settings

Ambulatory Care Centers

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Advantech Co. Ltd

Amazon Web Services Inc

Capgemini SE

Cisco Systems Inc

Dell Technologies Inc

General Electric Digital

Google LLC

Hewlett Packard Enterprise Company

Huawei Technologies Co. Ltd

IEI Integration corp

Intel Corp

Microsoft Corp

Nokia Corp

NVIDIA Corp

VMware Inc

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

- 1.1 Edge Computing in Healthcare Market Overview and Key Findings, 2024
- 1.2 Edge Computing in Healthcare Market Size and Growth Outlook, 2021- 2030
- 1.3 Edge Computing in Healthcare Market Growth Opportunities to 2030
- 1.4 Key Edge Computing in Healthcare Market Trends and Challenges
 - 1.4.1 Edge Computing in Healthcare Market Drivers and Trends
 - 1.4.2 Edge Computing in Healthcare Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Edge Computing in Healthcare Companies

2. EDGE COMPUTING IN HEALTHCARE MARKET SIZE OUTLOOK TO 2030

- 2.1 Edge Computing in Healthcare Market Size Outlook, USD Million, 2021- 2030
- 2.2 Edge Computing in Healthcare Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. EDGE COMPUTING IN HEALTHCARE MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
 - * Threat of New Entrants
 - * Threat of Substitutes
 - * Intensity of Competitive Rivalry
 - * Bargaining Power of Buyers
 - * Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

4. EDGE COMPUTING IN HEALTHCARE MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
 - By Component
 - Hardware

Software
Services
By Application
Diagnostics
Telehealth & Remote Patient Monitoring
Robotic Surgery
Ambulances
Others
By End-User
Hospitals & Clinics
Long-term Care Centers and Home Care Settings
Ambulatory Care Centers
Others
4.3 Growth Prospects and Niche Opportunities, 2023- 2030
4.4 Regional comparison of Market Growth, CAGR, 2023-2030

5. REGION-WISE MARKET OUTLOOK TO 2030

5.1 Key Findings for Asia Pacific Edge Computing in Healthcare Market, 2025
5.2 Asia Pacific Edge Computing in Healthcare Market Size Outlook by Type, 2021-2030
5.3 Asia Pacific Edge Computing in Healthcare Market Size Outlook by Application, 2021- 2030
5.4 Key Findings for Europe Edge Computing in Healthcare Market, 2025
5.5 Europe Edge Computing in Healthcare Market Size Outlook by Type, 2021- 2030
5.6 Europe Edge Computing in Healthcare Market Size Outlook by Application, 2021-2030
5.7 Key Findings for North America Edge Computing in Healthcare Market, 2025
5.8 North America Edge Computing in Healthcare Market Size Outlook by Type, 2021-2030
5.9 North America Edge Computing in Healthcare Market Size Outlook by Application, 2021- 2030
5.10 Key Findings for South America Edge Computing in Healthcare Market, 2025
5.11 South America Pacific Edge Computing in Healthcare Market Size Outlook by Type, 2021- 2030
5.12 South America Edge Computing in Healthcare Market Size Outlook by Application, 2021- 2030
5.13 Key Findings for Middle East and Africa Edge Computing in Healthcare Market, 2025

5.14 Middle East Africa Edge Computing in Healthcare Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Edge Computing in Healthcare Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US Edge Computing in Healthcare Market Size Outlook and Revenue Growth Forecasts

6.2 US Edge Computing in Healthcare Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Edge Computing in Healthcare Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Edge Computing in Healthcare Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Edge Computing in Healthcare Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Edge Computing in Healthcare Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Edge Computing in Healthcare Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Edge Computing in Healthcare Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Edge Computing in Healthcare Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe Edge Computing in Healthcare Industry Drivers and Opportunities

6.19 China Market Size Outlook and Revenue Growth Forecasts

6.20 China Edge Computing in Healthcare Industry Drivers and Opportunities

6.21 India Market Size Outlook and Revenue Growth Forecasts

6.22 India Edge Computing in Healthcare Industry Drivers and Opportunities

6.23 Japan Market Size Outlook and Revenue Growth Forecasts

6.24 Japan Edge Computing in Healthcare Industry Drivers and Opportunities

6.26 South Korea Market Size Outlook and Revenue Growth Forecasts

6.26 South Korea Edge Computing in Healthcare Industry Drivers and Opportunities

6.27 Australia Market Size Outlook and Revenue Growth Forecasts

6.28 Australia Edge Computing in Healthcare Industry Drivers and Opportunities

6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts

6.30 South East Asia Edge Computing in Healthcare Industry Drivers and Opportunities

6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts

- 6.32 Rest of Asia Pacific Edge Computing in Healthcare Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Edge Computing in Healthcare Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Edge Computing in Healthcare Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Edge Computing in Healthcare Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Edge Computing in Healthcare Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Edge Computing in Healthcare Industry Drivers and Opportunities

7. EDGE COMPUTING IN HEALTHCARE MARKET OUTLOOK ACROSS SCENARIOS

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

8. EDGE COMPUTING IN HEALTHCARE COMPANY PROFILES

- 8.1 Profiles of Leading Edge Computing in Healthcare Companies in the Market
- 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
- 8.3 Financial Performance and Key Metrics

Advantech Co. Ltd

Amazon Web Services Inc

Capgemini SE

Cisco Systems Inc

Dell Technologies Inc

General Electric Digital

Google LLC

Hewlett Packard Enterprise Company

Huawei Technologies Co. Ltd

IEI Integration corp

Intel Corp

Microsoft Corp

Nokia Corp

NVIDIA Corp
VMware Inc.

9. APPENDIX

- 9.1 Scope of the Report
- 9.2 Research Methodology and Data Sources
- 9.3 Glossary of Terms
- 9.4 Market Definitions
- 9.5 Contact Information

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