

# CNG Passenger Cars Market Size, Trends, Analysis, and Outlook by Fuel (CNG, Diesel, Petrol), Price Range (Low-priced, Mid-priced, Premium), Body Finishes (Hatchback, Sedan, SUV), by Country, Segment, and Companies, 2024-2030

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## Abstracts

The global Automotive IoT market size is poised to register 21.29% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Automotive IoT market by Offering (Hardware, Software, Services), Connectivity (Embedded, Tethered, Integrated), Communication (In-vehicle, Vehicle-to-vehicle, Vehicle-to-infrastructure), Application (Navigation, Telematics, Infotainment).

The Automotive IoT Market is set for robust growth and transformation by 2030, driven by a convergence of technological advancements, connectivity requirements, and shifting mobility paradigms. With vehicles becoming increasingly connected and intelligent, there's a growing demand for IoT solutions that enable seamless communication between vehicles, infrastructure, and other devices in the ecosystem. Trends such as connected car services, predictive maintenance, and vehicle-to-everything (V2X) communication are reshaping the automotive landscape, driving the need for IoT platforms that offer real-time data analytics, remote diagnostics, and enhanced safety features. In addition, as the automotive industry embraces electric and autonomous vehicles, IoT technologies are crucial for enabling vehicle autonomy, optimizing energy usage, and managing complex mobility scenarios. Further, as consumers seek personalized and convenient mobility solutions, there's an increasing emphasis on IoT-enabled services such as in-car entertainment, smart navigation, and remote vehicle control. With automotive OEMs, technology providers, and ecosystem stakeholders collaborating to create connected and sustainable mobility ecosystems, the Automotive IoT Market is poised for sustained growth and innovation, shaping the

future of transportation and mobility experiences..

### Automotive IoT 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 Automotive IoT market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Automotive IoT 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 Automotive IoT industry.

### Key market trends defining the global Automotive IoT 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.

### Automotive IoT Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Automotive IoT 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 Automotive IoT companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

### Key strategies adopted by companies within the Automotive IoT industry

Leading Automotive IoT 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 Automotive IoT companies.

### Automotive IoT Market Study- Strategic Analysis Review

The Automotive IoT 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.

### Automotive IoT Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Automotive IoT 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 2030 in three case scenarios- low case, reference case, and high case scenarios.

### Automotive IoT Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. 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 2030.

### North America Automotive IoT 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 end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Automotive IoT market segments. Similarly, Strong end-user demand is encouraging Canadian Automotive IoT companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Automotive IoT market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

### Europe Automotive IoT Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Automotive IoT 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 businesses in

identifying and leveraging new growth prospects positions the European Automotive IoT 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 Automotive IoT 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 Automotive IoT in Asia Pacific. In particular, China, India, and South East Asian Automotive IoT markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers 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 markets in the region.

**Latin America Automotive IoT 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 Automotive IoT 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 Automotive IoT market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for Automotive IoT.

**Automotive IoT Market Company Profiles**

The global Automotive IoT 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 Aptiv PLC, AT&T Inc, Eurotech S.p.A., Geotab Inc, Harman International Industries Inc, IBM Corp, Infineon

Technologies AG, Intel Corp, Microsoft Corp, Mitsubishi Electric Corp, NXP Semiconductors N.V., Qualcomm Inc, Robert Bosch GmbH, STMicroelectronics N.V., Tech Mahindra Ltd, Texas Instruments Inc, Thales Group, Valeo SA, Verizon Communications Inc, Visteon Corp.

### Recent Automotive IoT Market Developments

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

### Automotive IoT Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (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:

Offering

Hardware

-Semiconductor Components

-Connectivity ICs

Software

-Platform

-Solutions

Services

-Deployment and Integration Services

-Support and Maintenance Services

Connectivity

Embedded

Tethered

Integrated  
Communication  
In-vehicle  
Vehicle-to-vehicle  
Vehicle-to-infrastructure  
Application  
Navigation  
Telematics  
Infotainment

Geographical Segmentation:  
North America (3 markets)  
Europe (6 markets)  
Asia Pacific (6 markets)  
Latin America (3 markets)  
Middle East Africa (5 markets)

Companies  
Aptiv PLC  
AT&T Inc  
Eurotech S.p.A.  
Geotab Inc  
Harman International Industries Inc  
IBM Corp  
Infineon Technologies AG  
Intel Corp  
Microsoft Corp  
Mitsubishi Electric Corp  
NXP Semiconductors N.V.  
Qualcomm Inc  
Robert Bosch GmbH  
STMicroelectronics N.V.  
Tech Mahindra Ltd  
Texas Instruments Inc  
Thales Group  
Valeo SA  
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Low-priced

Mid-priced

Premium

Body Finishes

Hatchback

Sedan

SUV

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Ford Motor Company

Honda Motor Co. Ltd

Hyundai Motor Company

Mahindra & Mahindra Ltd

Maruti Suzuki India Ltd

Nissan Motor Co. Ltd

Tata Motors Ltd

Toyota Motor Corp

Volkswagen AG

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