

Drive by Wire Market Trends, Business Growth, Leading Players and Forecast 2026

The Global Drive by Wire market was valued at USD 19.42 Billion in 2018 and is projected to grow at a CAGR of 8.07% from 2019 to 2026

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-- According to the current analysis of Reports and Data, the global [Drive by Wire market](#) was valued at USD 19.42

Billion in 2018 and is projected to grow at a CAGR of 8.07% from 2019 to USD 36.38 Billion in 2026. Drive by wire systems refer to a type of technology that works in place of a traditional mechanical control system with the help of an electronic control unit. This system reduces a lot of moving components, thus reducing the weight of the vehicle. The rising demand for weight reduction of the vehicle will be another factor that will propagate the growth of the market over the forecasted period.

Rising demand for autonomous vehicles is being witnessed globally, which will further add up the growth of the demand for drive by wire systems. A factor restraining the growth of the market is the high cost of the systems. There are speculations amongst the minds of some customers about the perfect working of the drive by wire systems in comparison to mechanical components. This factor too can act as a restraining factor for the growth of the market.

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The industry is expected to witness significant growth in the electric vehicles segment over the forecasted period on account of customers replacing conventional powered vehicles with electric powered vehicles. Asia Pacific region is forecasted to witness the fastest growth over the forecasted period on account of the same reason. Demand for premium and luxury vehicles with efficient controls is also increasing, especially in the Asia Pacific region, which is further adding up to the growth of the market.

Reasons for Buying this Report



Reports And Data

This report provides pin-point analysis for changing competitive dynamics

It provides a forward-looking perspective on different factors driving or restraining market growth

It provides a six-year forecast assessed on the basis of how the market is predicted to grow

It helps in understanding the key product segments and their future

It provides pin point analysis of changing competition dynamics and keeps you ahead of competitors

It helps in making informed business decisions by having complete insights of market and by making in-depth analysis of market segments

To identify the key trends in the industry, click on the link below: <https://www.reportsanddata.com/report-detail/drive-by-wire-market>

Further key findings from the report suggest

The Global Drive by Wire market is forecast to grow from USD 19.42 Billion in 2018 at a rate of 8.07% CAGR to reach a valuation of USD 36.38 Billion in 2026.

Rising demand as well as the increasing popularity of the off-road vehicles is the major factor for the growth of the demand in the industry.

However, the concern about the integrity of the system of the drive by wire systems in comparison to the mechanical components in the minds of the consumers can affect the growth of the industry over the forecasted period.

Passenger car segment is forecasted to occupy the largest share of the market in 2026 on account of rising demand for vehicles from the customers. Reforms related to the scrapping of conventional powered vehicles and the switch to electric cars is the major factor attributing to the large share of the segment. The Passenger vehicle segment accounted to USD 3.01 Billion in the European region in 2018.

Nissan was one of the early adopters of the Steer by wire systems in its model.

Rising adoption of electric vehicles in place of traditional powered vehicles is leading to the increasing demand for drive by wire systems in the electric vehicle segment.

Asia Pacific region is forecasted to witness the fastest growth over the forecasted period on account of the increasing adoption of luxury and premium vehicles in the region, specifically in China, India, and South Korea. With the rise in foreign investments in the region, the market is further expected to grow faster.

Key participants include Robert Bosch GmbH (Germany), Nexteer (U.S.), Continental AG (Germany), ZF (Germany), CTS (U.S.), Ficosa (Spain), Kongsberg (Switzerland), Hitachi Automotive (Japan), Curtiss-wright (U.S.), and Infineon (Germany).

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For the purpose of this study, Reports and Data have segmented the Drive by Wire Market on the basis of Application, Sensor type, Component, Vehicle, Propulsion, and Region:

Application (Revenue, USD Million; 2016–2026)

Brake by wire
Park by wire
Shift by wire
Steer by wire

Throttle by wire

Sensor type (Revenue, USD Million; 2016–2026)

Brake pedal sensor

Hand wheel angle sensor

Gear shift position sensor

Pinion angle sensor

Park sensor

Throttle Pedal sensor

Throttle position sensor

Component (Revenue, USD Million; 2016–2026)

Actuator

Electronic Control Unit (ECU)

Engine Control Module (ECM)

Electronic Throttle Control module

Electronic Transmission Control Unit

Feedback Motor

Parking Pawl

Vehicle (Revenue, USD Million; 2016–2026)

Passenger Vehicle

Mid-sized car

Sedan

Minivan

Convertible

Crossover

Hatchback

Others

Light Commercial Vehicle (LCV)

Compact

Utility Vehicle

Supermini

Light Truck

Others

Heavy Commercial Vehicle (HCV)

Mobile Truck

Limo

Recreational Vehicle

Towing Truck

Fire Trucks
Others

Propulsion (Revenue, USD Million; 2016–2026)

Electric
Battery Electric Vehicle
Fuel Cell Electric Vehicle
Hybrid Electric Vehicle
Plug-in Hybrid Electric Vehicle
Petrol
Diesel

Regional Outlook (Revenue in USD Million; 2016–2026)

North America
U.S
Canada
Mexico
Europe
Germany
France
U.K
Spain
Rest of Europe
Asia Pacific
China
India
Japan
Australia
Rest of Asia-Pacific
Rest of the World
Middle East & Africa
Latin America

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+1-212-710-1370

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Tushar Rajput

Reports and data

+ +1 212-710-1370

tushar.rajput@reportsanddata.com

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