

Global Autonomous Shuttle Market Size study & Forecast, by Level of Autonomy (Fully, Semi, Hybrid, Partial) By Seating Capacity (under 5, 5 to 10, More than 10) and Regional Analysis, 2022-2029

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Abstracts

Global Autonomous Shuttle Market is valued at approximately USD xxx billion in 2021 and is anticipated to grow with a healthy growth rate of more than xxx% over the forecast period 2022-2029. An autonomous shuttle is a self-driving vehicle that typically operates on a fixed route, such as on a campus or within a particular area of a city. These shuttles are often electric and are designed to transport passengers without the need for a human driver. Autonomous shuttles use a variety of sensors, including cameras, lidar, and radar, to navigate and avoid obstacles in their environment. The Autonomous Shuttle market is expanding because of factors such as an increase in the demand for autonomous vehicles and the growing significance of OEMs and autonomous startups.

Autonomous shuttles have the potential to improve mobility and reduce congestion in urban areas, while also providing an eco-friendly transportation option. They can be used to transport people to and from public transit hubs or to provide last-mile transportation for commuters. Its prevalence has progressively increased during the last few decades. According to Statista, the global autonomous car market was valued at over USD 27 billion in 2021. The market is expected to reach up to USD 62 billion by 2026. Furthermore, in 2030, the global sales of these vehicles are projected to reach a value of around 58 million units. Another important component driving space increase is OEMs and autonomous startups. According to Statista, the market capitalization of the world's automotive original equipment manufacturers has reached about USD 1.5 trillion in 2020. Japanese automotive manufacturers Toyota and Denso were among the world's largest OEMs and suppliers, respectively. In addition, As of April 2022, the

American autonomous vehicle company Cruise was the most well-funded startup in the field of autonomous driving worldwide. The company has received USD 8.47 billion in funding so far. Also, growing environmental concerns and rising road safety awareness would create a lucrative growth prospectus for the market over the forecast period. However, the high cost of autonomous shuttles stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Autonomous Shuttle Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the presence of key market players. Furthermore, Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as the geographic expansion of key players, and active participation of government organizations in the market space.

Major market player included in this report are:

Aptiv Inc.
Robert Bosch GmbH
Continental AG
ZF Friedrichshafen AG
Google LLC
Visteon Corporation
Cisco Systems Inc
Denso Corporation
Delphi Inc.
Valeo S.A.

Recent Developments in the Market:

In August 2020, Hyundai collaborates with Aptiv on a project called Motional. The new joint venture, in which both parties own 50% of the new company. The goal of their new venture is to develop Level 4 and Level 5 commercial-ready self-driving systems and makes them available to robotaxi and fleet operators, as well as other automakers, by the year 2022.

Global Autonomous Shuttle Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape,

Growth factors, and Trends

Segments Covered Level of Autonomy, Seating capacity, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Level of Autonomy

Fully

Semi

Hybrid

Partial

By Seating capacity

under 5

5 to 10

More than 10

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
RoLA
Rest of the World

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