

Autonomous Public Transit Market Forecast 2025-2034: Analyzing Growth Drivers, Market Share, Segments & Emerging Trends

*The Business Research Company's
Autonomous Public Transit Global Market
Report 2025 – Market Size, Trends, And
Global Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED
KINGDOM, May 26, 2025

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Autonomous Public Transit Global Market Report
2025

The global [autonomous public transit market](#) is set to shift transport paradigms as it grows rapidly, projected to rise from \$2.59 billion in 2024 to \$3.18 billion in 2025. The significant

expansion, at a compound annual growth rate CAGR of 22.9%, is being spurred by advanced technologies, favorable government policies, and surging environmental concerns.

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Is the Autonomous Public Transit Market Set to Witness
Substantial Growth?

The autonomous public transit market will continue to
swell, reaching \$7.18 billion by 2029 at a compound annual
growth rate CAGR of 22.6%. The surge is believed to be
powered by the increasing demand for sustainable

transportation, coupled with the need for cost-effective transit solutions.

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What is Driving the Expansion of the Autonomous Public Transit Market?

One of the prominent drivers of autonomous public transit growth is the escalating issue of

traffic congestion. With urban populations burgeoning, the number of private vehicles on roads is increasing, leading to congestion. Traffic congestion refers to conditions where the volume of vehicles exceeds the capacity of the roadway, causing slower speeds, prolonged trip times, and queuing of vehicles.

Autonomous public transit is being seen as a viable solution to this problem, optimizing route efficiency, and reducing the number of privately-owned vehicles on the roads. By promoting shared mobility solutions, the utilization of passenger capacity is maximized, minimizing travel times and fuel consumption. As reported by the Department for Transport, UK, vehicles traveled 330.8 billion miles on roads in Great Britain in 2023, showing a 2.2% increase from 2022. This demonstrates the growing need for efficient transit solutions and is an indication of the continued growth of this market.

Who are the Key Players in the Autonomous Public Transit Market?

A variety of companies are diving into the autonomous public transit market, bringing their unique approaches and technologies. These include Amazon.com Inc., AB Volvo, Continental AG, Scania CV AB, Transdev, MAN Truck & Bus, Keolis, Yutong Bus Co. Ltd., Arrival UK Ltd., Waymo LLC, Nuro Inc., Motional Inc., Karsan, EasyMile, Aurora Innovation, Pony AI Inc., May Mobility, AutoX Inc., LILEE System, Navya, and Perrone Robotics Inc.

In this evolving landscape, firms are developing state-of-the-art solutions like Level 4 driverless vehicles to push the frontier of autonomous technology in public transit. An excellent example is the August 2024 alliance between Turkey-based Karsan and U.S.-based ADASTEC Corporation, who launched the world's first Level-4 driverless public vehicle, the Autonomous e-ATAK.

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How is the [Autonomous Public Transit Market Segmented](#)?

In terms of vehicle types, the market includes autonomous electric buses, shuttles, and taxis. Autonomous electric buses lead the way in offering eco-friendly, self-driving, public transport solutions that operate without human intervention. These vehicles utilize advanced software, hardware, and services, and find application in industrial transportation, urban transit and rural transportation.

What are the Regional Insights into the Autonomous Public Transit Market?

In 2024, Asia-Pacific was the largest player in the autonomous public transit market. However, Europe is slated to be the fastest-growing region in the coming years. Other regions covered in the market report include Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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