

# **Electronic Manufacturing Services Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025-2034**

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## **Abstracts**

The Global Electronic Manufacturing Services Market, valued at USD 626.8 billion in 2024, is set to expand at a CAGR of 5.1% from 2025 to 2034, driven by rapid advancements in technology and increasing demand across various industries. This upward trajectory is fueled by the surge in consumer electronics, the widespread adoption of the Internet of Things (IoT), and the growing reliance on sophisticated electronic components across industries such as automotive, healthcare, and computing. Companies are heavily investing in automation, artificial intelligence (AI), and robotics to enhance production capabilities, improve efficiency, and meet evolving performance expectations.

The increasing adoption of electric vehicles (EVs) is a major catalyst for EMS market growth. EVs require advanced electronic components such as battery management systems, power electronics, motor controllers, and infotainment systems. As demand for these vehicles rises, manufacturers are ramping up production and incorporating cutting-edge technologies to meet stringent performance and sustainability requirements. The push for innovation in automotive electronics is leading to significant investments in high-tech manufacturing solutions, allowing EMS providers to deliver more efficient and reliable components.

The EMS market is categorized into several key segments, including electronic manufacturing, engineering services, test and development implementation, logistics services, and others. Among these, the electronic manufacturing segment generated USD 376.5 billion in 2024, maintaining its dominant position due to the rising need for miniaturization, high-performance devices, and sustainable production practices. Companies are integrating advanced automation and AI-driven quality control to

optimize manufacturing processes, enhance cost efficiency, and meet the stringent requirements of modern consumer electronics and automotive applications.

With applications spanning consumer electronics, aerospace, automotive, medical devices, and semiconductor manufacturing, the EMS market continues to evolve to meet the needs of these diverse sectors. The computer segment led with a 31.9% market share in 2024, reflecting the increasing demand for high-performance computing systems and miniaturized components. As AI-driven technologies and data-intensive applications gain traction, manufacturers are focusing on precise, cost-effective production techniques to support the next generation of computing solutions.

North America accounted for a 21.5% share of the EMS market in 2024, with strong growth driven by advancements in the electronics, automotive, and healthcare sectors. Companies in the region are prioritizing high-tech manufacturing, sustainability, and next-generation technologies such as IoT, electric vehicles, and automation to secure a competitive edge. The region's commitment to research and development (R&D) and continuous innovation further solidifies its position as a key player in the global EMS industry. With increasing investments in advanced production techniques and strategic collaborations, North American manufacturers are poised to drive the future of electronic manufacturing services.

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