

# **Asia Pacific High Speed Connector Market Forecast to 2031 – Regional Analysis – by Product (Board-to-Cable, Board-to-Board, and Others) and Application (Communication, Automotive, Aerospace & Defense, Energy & Power, Electronics, and Others)**

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## **Abstracts**

The Asia Pacific high speed connector market was valued at US\$ 1,467.26 million in 2023 and is expected to reach US\$ 2,933.21 million by 2031; it is estimated to register at a CAGR of 9.0% from 2023 to 2031.

### **Developments in 5G Technology Boost Asia Pacific High Speed Connector Market**

The advantages of 5G are more evident in personal electronics such as smartphones and household equipment, including smart thermostats. However, the effects of the 5G rollout would be more significant after it gains traction. Significant advancements are made in applications that require data that is gained from real-time connectivity. Applications such as traffic management, wearable medical technology, robotic surgery, driverless cars, and Industrial Internet of Things (IIoT) in smart factories. Thus, the widespread adoption of 5G-enabled devices such as smartphones, tablets, and IoT devices would continue to drive the demand for high-speed connectors that are specifically designed to support the 5G technology. Further, 5G is expected to unlock entirely new applications and use cases, such as autonomous vehicles, smart factories, and remote surgery, which highly rely on high-speed data transmission, creating the demand for high-speed connectors. Connector design these days has become more innovative in terms of performance, compactness, and EMI shielding. Governments of many countries are taking initiatives to bolster their 5G infrastructure. The deployment of 5G technologies is due to the continued demand for 5G-enabled devices, the emergence of new applications, and ongoing innovation, will fuel the high-speed

connector market in the coming years.

## Asia Pacific High Speed Connector Market Overview

Asia Pacific comprises major economies such as Australia, China, Japan, South Korea, India, and the Rest of Asia Pacific. The high-speed connector market in Asia Pacific is segmented into Australia, China, Japan, South Korea, India, and the Rest of Asia Pacific. The market expansion in this region can be associated with the rising demand for high-speed networking and communication devices, coupled with the growing population. Telecom operators are investing in the 5G networks. According to the Mobile Economy Asia Pacific 2023 report by Global System for Mobile Communications (GSMA), telecom operators in Asia Pacific are projected to invest US\$ 259 billion in network infrastructure from 2023 to 2031, with the majority of this investment directed toward fifth generation (5G) deployments. Moreover, high-speed connectors are being used at a larger scale in developing countries in the region, such as China and India, owing to the development of Industry 4.0 and the increasing adoption of digital technologies. In addition, the semiconductors industry is showing notable expansion in several Asia Pacific countries with vigorously growing domestic and international players. Further, as consumers' disposable income rises, their ability to make purchases also increases, which drives sales of computers, smartphones, connected cars, and home network connecting devices, which ultimately triggers the demand for high-speed connectors across Asia Pacific. Enterprises in the networking, automotive, electronics, and communication industries continuously focus on introducing new products to enable high-speed data transfer. With this, the need for flexible and compact connector designs that facilitate connectivity is also on the rise in the region. The emergence of IoT and Big Data technologies in 4K television, 5G wireless networks, and wearable devices further results in demand for data transfer solutions. Thus, high-speed connector market players concentrate on developing high-speed connectors that are quicker, smaller, and more effective. For instance, in February 2021, Kyocera Corporation launched a new 0.5mm-pitch floating board-to-board connector series for high-speed 16Gbps data transmission. The new connectors (F/P\*1 = 170%) can float within  $\pm 0.85\text{mm}$  for easy and accurate mating.

## Asia Pacific High Speed Connector Market Revenue and Forecast to 2031 (US\$ Million)

### Asia Pacific High Speed Connector Market Segmentation

The Asia Pacific high speed connector market is segmented based on product, application, and country.

Based on product, the Asia Pacific high speed connector market is segmented into board-to-cable, board-to-board, and others. The board-to-board segment held the largest share in 2023.

In terms of application, the Asia Pacific high speed connector market is segmented into communication, automotive, aerospace & defense, energy & power, electronics, and others. The aerospace & defense segment held the largest share in 2023.

Based on country, the Asia Pacific high speed connector market is categorized into Australia, China, India, Japan, South Korea, and the Rest of Asia Pacific. China dominated the Asia Pacific high speed connector market in 2023.

Samtech Inc; Molex LLC; TE Connectivity Ltd; Hirose Electric Co Ltd; Yamaichi Electronics Co., Ltd; Neoconix Inc; Fujitsu Ltd; OMRON Corp; IMS Connector Systems GmbH; OUPIIN ENTERPRISE CO., LTD; and Amphenol Corp are some of the leading companies operating in the Asia Pacific high speed connector market.

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