

# Increasing Demand for High-Speed Connectivity Fuels Network Equipment Market Growth Through 2035 | FMI

*Learn how network infrastructure developments are shaping the future of connectivity.*

NEWARK, DE, UNITED STATES, February 17, 2025 /EINPresswire.com/ -- The global [network equipment market](#) is projected to experience substantial growth in the coming years. Valued at USD 144.7 billion in 2022, it is expected to grow at a compound annual growth rate (CAGR) of 3.7% from 2023 to 2030, reaching approximately USD 190.5 billion by 2030. This growth is attributed to the increasing deployment of Internet of Things (IoT) devices and the rollout of 5G technology.



Network Equipment Market

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The surge in IoT-enabled devices across various sectors is a primary factor propelling the demand for network equipment. These devices require robust and efficient network infrastructure to ensure seamless data communication. Additionally, the advent of 5G technology is set to enhance the adoption of connected devices, enabling faster data transmission and improved connectivity. This development is anticipated to further boost the network equipment market.

Key factors driving the growth of the network equipment market include:

- **IoT Integration:** The proliferation of IoT devices necessitates advanced network equipment to manage increased data traffic.
- **5G Deployment:** The global rollout of 5G networks is expected to drive the demand for

upgraded network infrastructure.

- Enterprise Investments: Businesses are investing in modern network solutions to enhance operational efficiency and data security.
- Technological Advancements: Innovations in network technologies are leading to the development of more efficient and secure equipment.

Network equipment market is witnessing growth across various applications, including smart cities, healthcare, manufacturing, and retail. The market is also witnessing growth across various applications, including smart cities, healthcare, manufacturing, and retail. The market is also witnessing growth across various applications, including smart cities, healthcare, manufacturing, and retail.

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- Smart Cities: Implementation of smart city initiatives requires advanced network equipment to manage interconnected systems efficiently.
- Healthcare: Telemedicine and digital health services rely on robust network infrastructure for effective service delivery.
- Manufacturing: Industry 4.0 practices involve the use of connected devices and automation, necessitating reliable network equipment.
- Retail: E-commerce platforms and digital payment systems depend on secure and efficient networks to operate smoothly.

Several trends are shaping the future of the network equipment market:

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- Cloud Computing: The shift towards cloud-based services is increasing the need for scalable network solutions.
- Edge Computing: Processing data closer to the source reduces latency and requires specialized network equipment.
- Network Security: As cyber threats become more sophisticated, there is a growing demand for secure network equipment.
- Artificial Intelligence: AI integration in network management is enhancing performance and predictive maintenance capabilities.

Network equipment market is witnessing growth across various applications, including:

Regionally, the network equipment market is experiencing varied growth patterns:

- Latin America and Middle East & Africa: Improving economic conditions and increasing internet penetration are expected to boost the market in these regions.
- Asia-Pacific: Rapid industrialization and urbanization, along with the expansion of telecom services, are fueling market expansion.
- Europe: The focus on digital transformation across industries is driving the demand for modern network equipment.
- North America: Early adoption of advanced technologies and significant investments in infrastructure contribute to market growth.

Major players in the network equipment market include:

Cisco Systems  
Huawei Technologies  
Juniper Networks  
Arista Networks  
Nokia (including Alcatel-Lucent)  
Ericsson  
Dell Technologies  
HPE (Hewlett Packard Enterprise)  
Extreme Networks  
Netgear

Market Segmentation by Type:

By Type:

In terms of type, the segment is divided into switches, routers, gateway, fiber optic equipment and others.

By Enterprise Size:

In terms of enterprise size, the industry is segregated into Small and Mid-Sized Enterprises (SMEs) and Large Enterprises.

By Application:

In terms of application, the industry is segregated IT and Telecom, BFSI, retail and e-commerce, government and defense, manufacturing and others application.

By Region:

A regional analysis has been carried out in key countries of North America, Latin America, Asia Pacific, Middle East and Africa (MEA) and Europe.

Overall, the network equipment market is expected to grow significantly over the forecast period, driven by increasing demand for digital infrastructure and network modernization across various industries.

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