

Wireless Backhaul Equipment Market By Offering (Equipment, Services), By Frequency Band (4GHz to 11 GHz, 6GHz to 42 GHz, Millimeter waves (mmW)), By End Use Industry (Telecommunications, Healthcare, Government and Defense, Commercial, Transportation and Logistics, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031

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Report description:

Wireless backhaul equipment is a technology that enables the transfer of data from one point to another in a wireless network. It acts as a bridge between the access network and the core network, allowing for high-speed and reliable connectivity. The data transmitted through the backhaul network is typically used for various applications such as voice, video, and data transmission. Wireless backhaul equipment is a critical technology that enables high-speed and reliable connectivity between different parts of a wireless network. It has a wide range of applications across various industries and is used to support various applications, including mobile networks, fixed wireless access, smart cities, disaster recovery, and defense.[]

Wireless backhaul equipment has a wide range of use cases, and its applications are diverse and varied, including mobile network backhaul, rural broadband connectivity, smart city applications, disaster recovery, defense, enterprise networks, and public safety networks. Moreover, wireless backhaul equipment can be used to provide broadband services in rural areas where there is limited access to wired broadband services. This can be achieved through the deployment of fixed wireless access (FWA) terminals and the use of wireless backhaul equipment to connect these terminals to the core network.[]

The market for wireless backhaul equipment is expected to grow significantly during the forecast period due to increase in 5G technology testing in the U.S., Japan, South Korea, and China, rise in use of millimeter wave technology-based scanner systems in transportation and airports, and surge in demand for smart devices. Furthermore, the wireless backhaul equipment market is expected to profit from the expansion of 5G networks and increased deployment of IoT applications, as well as government assistance and initiatives to boost rural connectivity and digitalization throughout the projected period. Growth in the wireless

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backhaul equipment market, on the other hand, is expected to be hampered by stringent government regulations and standards for wireless spectrum usage, as well as competition from alternative backhaul technologies such as fiber optic networks.□□

The wireless backhaul equipment market is segmented on the basis of offering, frequency band, end use industry and region. On the basis of offering, the market is divided into equipment and services. Based on frequency band, the market is segregated into 4GHz to 11 GHz, 6GHz to 42 GHz, and millimeter waves (mmW). Based on end use industry, the market is segregated into telecommunications, healthcare, government and defense, commercial, transportation and logistics, and others.□

Region-wise, the wireless backhaul equipment market trends are analyzed across North America (the U.S., Canada, and Mexico), Europe (UK, Germany, France, Italy, and Rest of Europe), Asia-Pacific (China, Japan, India, South Korea, Taiwan, and Rest of Asia-Pacific), and LAMEA (Latin America, Middle East, and Africa).□□

The key players that operate in the market include Ceragon Networks, Cisco, Huawei Technologies Co., Ltd., Juniper Networks, Inc., MikroTik, Qorvo, Inc, Qualcomm, RADWIN, Siklu Communication, and ZTE Corporation.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the wireless backhaul equipment market analysis from 2021 to 2031 to identify the prevailing wireless backhaul equipment market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the wireless backhaul equipment market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global wireless backhaul equipment market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Offering

- Equipment
- Services

By Frequency Band

- 4GHz to 11 GHz
- 6GHz to 42 GHz
- Millimeter waves (mmW)

By End Use Industry

- Telecommunications
- Healthcare
- Government and Defense
- Commercial
- Transportation and Logistics
- Others

By Region

- North America
 - U.S.
 - Canada
 - Mexico
- Europe
 - UK

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- Germany
- France
- Rest of Europe
- Asia-Pacific
- China
- Japan
- India
- South Korea
- Rest of Asia-Pacific
- LAMEA
- Latin America
- Middle East
- Africa
- Key Market Players
- RADWIN
- Qualcomm Incorporated
- mikrotik
- Qorvo, Inc.
- Cisco Systems Inc.
- ZTE Corporation
- Juniper Networks Inc.
- siklu communication
- Huawei Technologies Co., Ltd.
- Ceragon Networks Ltd.

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