

period. The Mobile Backhaul & Fronthaul Market Report covers potential improvement drivers as properly as the modern-day division of market share, and penetration of a number of types, technologies, applications, and areas through 2030.

Key players in Mobile Backhaul & Fronthaul Market are: -

- Cisco
- Nokia Networks(Alcatel-Lucent)
- Ericsson
- Huawei Technologies
- Broadcom
- Ciena
- Fujitsu
- Infinera
- Omnitron Systems
- ZTE
- LS Networks

Mobile Fronthaul & Mobile Backhaul Market Overview:

The mobile front end interfacing part of the cellular network is known as mobile fronthaul. It consists of Base Station or NB towers equipped with RRHs (Remote Radio Head) referred as small cells. Mobile Backhaul:

The back end part of cellular network which connects fronthaul with voice/data circuits is known as Mobile backhaul. It houses COs (Central Offices) and BBUs (Baseband Units) as well as IP MPLS network along with IP routers. • The mobile fronthaul and mobile backhaul are connected using optical fiber which transfer information at the rate of 10 Gbps.

With advancement in multi-antenna array technologies, DU housing 128 antenna elements (64 transmitters and 64 receivers) can communicate with CU of backhaul at the speed of about 320 Gbps as defined in CPRI standard.

Global Mobile Backhaul & Fronthaul Market is expected to grow from USD 20720 million in 2022 to USD 65610 million by 2029, at a CAGR of 17.9% during the forecast period. The market is driven by the increasing demand for high-speed data services, the deployment of 5G networks, and the growing adoption of cloud-native architectures. The market is also expected to be driven by the increasing demand for high-speed data services, the deployment of 5G networks, and the growing adoption of cloud-native architectures.

Global Mobile Backhaul & Fronthaul key players include Cisco, Nokia Networks(Alcatel-Lucent), Ericsson, Huawei Technologies, Broadcom, etc. Global top five manufacturers hold a share about 65%.

Europe is the largest market, with a share over 20%, followed by North America and China, both have a share over 40 percent.

In terms of product, Mobile Backhaul is the largest segment, with a share over 80%. And in terms of application, the largest application is Telecommunications, followed by Networking.

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Key segments include:

- Mobile Backhaul
- Mobile Fronthaul

Key applications include:

- Telecommunications
- Networking
- Government
- Enterprises
- Other

The Global Mobile Backhaul & Fronthaul Market Trends, development and marketing channels are analyzed. Finally, the feasibility of new investment projects is assessed and overall research conclusions are offered. The global Mobile Backhaul & Fronthaul Market Growth is anticipated to rise at a considerable rate during the forecast period, between 2021 and 2030. In 2021, the market was growing at a steady rate and with the rising adoption of strategies by key players, the market is expected to rise over the projected horizon.

Regional analysis includes:

North America

Europe

Asia-Pacific

Middle East and Africa

South America

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- What is the regional and country-level market size of the Mobile Backhaul & Fronthaul market
- What factors are driving, restraining, offering opportunities, and posing challenges to the Mobile Backhaul & Fronthaul market, and how will they impact the market
- What are the sales value, production value, consumption value, import and export figures for Mobile Backhaul & Fronthaul in North America, Europe, Asia-Pacific, Latin America, Middle East, and Africa
- Who are the major global manufacturers in the Mobile Backhaul & Fronthaul industry, and what is their current operational situation in terms of capacity, production, sales, price, cost, gross, and revenue
- What opportunities and threats are faced by vendors in the global Mobile Backhaul & Fronthaul industry
- Which application/end-user or product types are expected to have incremental growth prospects, and what is the market share of each type and application

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