

Global O-RAN Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global O-RAN market size is expected to reach \$ 44420 million by 2029, rising at a market growth of 47.4% CAGR during the forecast period (2023-2029).

Global key producers of O-RAN include Nokia, Samsung, Ericsson, Juniper Networks and others, mainly in North America, Europe, Japan, Korea and India. The top three producers together account for more than 35% of the market share, with the largest producer being Nokia, accounting for 13%. In terms of product categories, they are divided into hardware and software and services, with the former holding a larger market share at 67%. In terms of applications, indoor base stations hold a major market share of about 80%.

'Open RAN' is the movement in wireless telecommunications to disaggregate hardware and software and to create open interfaces between them. O-RAN opens the interface between the BBU and RRU / RRH which enables any vendor's software to work on any open RRU / RRH. open interfaces enable the use of one supplier's radios with another's processors – which is not possible with CRAN or vRAN. Open RAN makes the RAN open within all aspects and components, with the interfaces and operating software separating the RAN control plane from the user plane.

This report studies the global O-RAN demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for O-RAN, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of O-RAN that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global O-RAN total market, 2018-2029, (USD Million)

Global O-RAN total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: O-RAN total market, key domestic companies and share, (USD Million)

Global O-RAN revenue by player and market share 2018-2023, (USD Million)

Global O-RAN total market by Type, CAGR, 2018-2029, (USD Million)

Global O-RAN total market by Application, CAGR, 2018-2029, (USD Million)

This reports profiles major players in the global O-RAN market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Nokia, Samsung, Ericsson, Juniper Networks, NEC, Fujitsu, Parallel Wireless, CISCO and Tech Mahindra, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World O-RAN market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global O-RAN Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global O-RAN Market, Segmentation by Type

Hardware

Software and Service

Global O-RAN Market, Segmentation by Application

Indoor Base Station

Outdoor Base Station

Companies Profiled:

Nokia

Samsung

Ericsson

Juniper Networks

NEC

Fujitsu

Parallel Wireless

CISCO

Tech Mahindra

Dell

AltioStar

Vmware

JMA Wireless

Mavenir

Key Questions Answered

1. How big is the global O-RAN market?
2. What is the demand of the global O-RAN market?
3. What is the year over year growth of the global O-RAN market?
4. What is the total value of the global O-RAN market?
5. Who are the major players in the global O-RAN market?
6. What are the growth factors driving the market demand?

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