

# 5G Radio Access Network (RAN) Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/52D16FB810BEEN.html>

Date: April 2022

Pages: 60

Price: US\$ 3,250.00 (Single User License)

ID: 52D16FB810BEEN

## Abstracts

5G radio access network (RAN) solutions represent the radio base station of 5G network infrastructure : radio units, massive MIMO function and BBU solutions. They are the core of 5G network infrastructure and are steadily virtualized under the vision of 5g network softwarization. Considering Open RAN, network cloudification and its programmability involves a gradual change as 5G RAN solutions need to manage existing physical resources, as well as resources in a hybrid environment.

This report contains market size and forecasts of 5G Radio Access Network (RAN) in Global, including the following market information:

Global 5G Radio Access Network (RAN) Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global 5G Radio Access Network (RAN) market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Hardware Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of 5G Radio Access Network (RAN) include Nokia, Huawei, Ericsson, NEC, Fujitsu and Mavenir, etc. In 2021, the global top five players

have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the 5G Radio Access Network (RAN) companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global 5G Radio Access Network (RAN) Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global 5G Radio Access Network (RAN) Market Segment Percentages, by Type, 2021 (%)

Hardware

Software

Global 5G Radio Access Network (RAN) Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global 5G Radio Access Network (RAN) Market Segment Percentages, by Application, 2021 (%)

Civil use

Commercial use

Global 5G Radio Access Network (RAN) Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global 5G Radio Access Network (RAN) Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies 5G Radio Access Network (RAN) revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies 5G Radio Access Network (RAN) revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Nokia

Huawei

Ericsson

NEC

Fujitsu

Mavenir

## Contents

### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 5G Radio Access Network (RAN) Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global 5G Radio Access Network (RAN) Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### **2 GLOBAL 5G RADIO ACCESS NETWORK (RAN) OVERALL MARKET SIZE**

- 2.1 Global 5G Radio Access Network (RAN) Market Size: 2021 VS 2028
- 2.2 Global 5G Radio Access Network (RAN) Market Size, Prospects & Forecasts: 2017-2028
- 2.3 Key Market Trends, Opportunity, Drivers and Restraints
  - 2.3.1 Market Opportunities & Trends
  - 2.3.2 Market Drivers
  - 2.3.3 Market Restraints

### **3 COMPANY LANDSCAPE**

- 3.1 Top 5G Radio Access Network (RAN) Players in Global Market
- 3.2 Top Global 5G Radio Access Network (RAN) Companies Ranked by Revenue
- 3.3 Global 5G Radio Access Network (RAN) Revenue by Companies
- 3.4 Top 3 and Top 5 5G Radio Access Network (RAN) Companies in Global Market, by Revenue in 2021
- 3.5 Global Companies 5G Radio Access Network (RAN) Product Type
- 3.6 Tier 1, Tier 2 and Tier 3 5G Radio Access Network (RAN) Players in Global Market
  - 3.6.1 List of Global Tier 1 5G Radio Access Network (RAN) Companies
  - 3.6.2 List of Global Tier 2 and Tier 3 5G Radio Access Network (RAN) Companies

### **4 MARKET SIGHTS BY PRODUCT**

#### 4.1 Overview

4.1.1 by Type - Global 5G Radio Access Network (RAN) Market Size Markets, 2021 & 2028

4.1.2 Hardware

4.1.3 Software

#### 4.2 By Type - Global 5G Radio Access Network (RAN) Revenue & Forecasts

4.2.1 By Type - Global 5G Radio Access Network (RAN) Revenue, 2017-2022

4.2.2 By Type - Global 5G Radio Access Network (RAN) Revenue, 2023-2028

4.2.3 By Type - Global 5G Radio Access Network (RAN) Revenue Market Share, 2017-2028

### 5 SIGHTS BY APPLICATION

#### 5.1 Overview

5.1.1 By Application - Global 5G Radio Access Network (RAN) Market Size, 2021 & 2028

5.1.2 Civil use

5.1.3 Commercial use

#### 5.2 By Application - Global 5G Radio Access Network (RAN) Revenue & Forecasts

5.2.1 By Application - Global 5G Radio Access Network (RAN) Revenue, 2017-2022

5.2.2 By Application - Global 5G Radio Access Network (RAN) Revenue, 2023-2028

5.2.3 By Application - Global 5G Radio Access Network (RAN) Revenue Market Share, 2017-2028

### 6 SIGHTS BY REGION

#### 6.1 By Region - Global 5G Radio Access Network (RAN) Market Size, 2021 & 2028

#### 6.2 By Region - Global 5G Radio Access Network (RAN) Revenue & Forecasts

6.2.1 By Region - Global 5G Radio Access Network (RAN) Revenue, 2017-2022

6.2.2 By Region - Global 5G Radio Access Network (RAN) Revenue, 2023-2028

6.2.3 By Region - Global 5G Radio Access Network (RAN) Revenue Market Share, 2017-2028

#### 6.3 North America

6.3.1 By Country - North America 5G Radio Access Network (RAN) Revenue, 2017-2028

6.3.2 US 5G Radio Access Network (RAN) Market Size, 2017-2028

6.3.3 Canada 5G Radio Access Network (RAN) Market Size, 2017-2028

6.3.4 Mexico 5G Radio Access Network (RAN) Market Size, 2017-2028

## 6.4 Europe

6.4.1 By Country - Europe 5G Radio Access Network (RAN) Revenue, 2017-2028

6.4.2 Germany 5G Radio Access Network (RAN) Market Size, 2017-2028

6.4.3 France 5G Radio Access Network (RAN) Market Size, 2017-2028

6.4.4 U.K. 5G Radio Access Network (RAN) Market Size, 2017-2028

6.4.5 Italy 5G Radio Access Network (RAN) Market Size, 2017-2028

6.4.6 Russia 5G Radio Access Network (RAN) Market Size, 2017-2028

6.4.7 Nordic Countries 5G Radio Access Network (RAN) Market Size, 2017-2028

6.4.8 Benelux 5G Radio Access Network (RAN) Market Size, 2017-2028

## 6.5 Asia

6.5.1 By Region - Asia 5G Radio Access Network (RAN) Revenue, 2017-2028

6.5.2 China 5G Radio Access Network (RAN) Market Size, 2017-2028

6.5.3 Japan 5G Radio Access Network (RAN) Market Size, 2017-2028

6.5.4 South Korea 5G Radio Access Network (RAN) Market Size, 2017-2028

6.5.5 Southeast Asia 5G Radio Access Network (RAN) Market Size, 2017-2028

6.5.6 India 5G Radio Access Network (RAN) Market Size, 2017-2028

## 6.6 South America

6.6.1 By Country - South America 5G Radio Access Network (RAN) Revenue, 2017-2028

6.6.2 Brazil 5G Radio Access Network (RAN) Market Size, 2017-2028

6.6.3 Argentina 5G Radio Access Network (RAN) Market Size, 2017-2028

## 6.7 Middle East & Africa

6.7.1 By Country - Middle East & Africa 5G Radio Access Network (RAN) Revenue, 2017-2028

6.7.2 Turkey 5G Radio Access Network (RAN) Market Size, 2017-2028

6.7.3 Israel 5G Radio Access Network (RAN) Market Size, 2017-2028

6.7.4 Saudi Arabia 5G Radio Access Network (RAN) Market Size, 2017-2028

6.7.5 UAE 5G Radio Access Network (RAN) Market Size, 2017-2028

## 7 PLAYERS PROFILES

### 7.1 Nokia

7.1.1 Nokia Corporate Summary

7.1.2 Nokia Business Overview

7.1.3 Nokia 5G Radio Access Network (RAN) Major Product Offerings

7.1.4 Nokia 5G Radio Access Network (RAN) Revenue in Global Market (2017-2022)

7.1.5 Nokia Key News

### 7.2 Huawei

7.2.1 Huawei Corporate Summary



### 7.2.2 Huawei Business Overview

### 7.2.3 Huawei 5G Radio Access Network (RAN) Major Product Offerings

### 7.2.4 Huawei 5G Radio Access Network (RAN) Revenue in Global Market (2017-2022)

### 7.2.5 Huawei Key News

## 7.3 Ericsson

### 7.3.1 Ericsson Corporate Summary

### 7.3.2 Ericsson Business Overview

### 7.3.3 Ericsson 5G Radio Access Network (RAN) Major Product Offerings

### 7.3.4 Ericsson 5G Radio Access Network (RAN) Revenue in Global Market (2017-2022)

### 7.3.5 Ericsson Key News

## 7.4 NEC

### 7.4.1 NEC Corporate Summary

### 7.4.2 NEC Business Overview

### 7.4.3 NEC 5G Radio Access Network (RAN) Major Product Offerings

### 7.4.4 NEC 5G Radio Access Network (RAN) Revenue in Global Market (2017-2022)

### 7.4.5 NEC Key News

## 7.5 Fujitsu

### 7.5.1 Fujitsu Corporate Summary

### 7.5.2 Fujitsu Business Overview

### 7.5.3 Fujitsu 5G Radio Access Network (RAN) Major Product Offerings

### 7.5.4 Fujitsu 5G Radio Access Network (RAN) Revenue in Global Market (2017-2022)

### 7.5.5 Fujitsu Key News

## 7.6 Mavenir

### 7.6.1 Mavenir Corporate Summary

### 7.6.2 Mavenir Business Overview

### 7.6.3 Mavenir 5G Radio Access Network (RAN) Major Product Offerings

### 7.6.4 Mavenir 5G Radio Access Network (RAN) Revenue in Global Market (2017-2022)

### 7.6.5 Mavenir Key News

## 8 CONCLUSION

## 9 APPENDIX

### 9.1 Note

### 9.2 Examples of Clients

### 9.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. 5G Radio Access Network (RAN) Market Opportunities & Trends in Global Market

Table 2. 5G Radio Access Network (RAN) Market Drivers in Global Market

Table 3. 5G Radio Access Network (RAN) Market Restraints in Global Market

Table 4. Key Players of 5G Radio Access Network (RAN) in Global Market

Table 5. Top 5G Radio Access Network (RAN) Players in Global Market, Ranking by Revenue (2021)

Table 6. Global 5G Radio Access Network (RAN) Revenue by Companies, (US\$, Mn), 2017-2022

Table 7. Global 5G Radio Access Network (RAN) Revenue Share by Companies, 2017-2022

Table 8. Global Companies 5G Radio Access Network (RAN) Product Type

Table 9. List of Global Tier 1 5G Radio Access Network (RAN) Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 5G Radio Access Network (RAN) Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - 5G Radio Access Network (RAN) Revenue in Global (US\$, Mn), 2017-2022

Table 13. By Type - 5G Radio Access Network (RAN) Revenue in Global (US\$, Mn), 2023-2028

Table 14. By Application – Global 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2021 & 2028

Table 15. By Application - 5G Radio Access Network (RAN) Revenue in Global (US\$, Mn), 2017-2022

Table 16. By Application - 5G Radio Access Network (RAN) Revenue in Global (US\$, Mn), 2023-2028

Table 17. By Region – Global 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2021 & 2028

Table 18. By Region - Global 5G Radio Access Network (RAN) Revenue (US\$, Mn), 2017-2022

Table 19. By Region - Global 5G Radio Access Network (RAN) Revenue (US\$, Mn), 2023-2028

Table 20. By Country - North America 5G Radio Access Network (RAN) Revenue,

(US\$, Mn), 2017-2022

Table 21. By Country - North America 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2023-2028

Table 22. By Country - Europe 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2022

Table 23. By Country - Europe 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2023-2028

Table 24. By Region - Asia 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2022

Table 25. By Region - Asia 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2023-2028

Table 26. By Country - South America 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - South America 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - Middle East & Africa 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2022

Table 29. By Country - Middle East & Africa 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2023-2028

Table 30. Nokia Corporate Summary

Table 31. Nokia 5G Radio Access Network (RAN) Product Offerings

Table 32. Nokia 5G Radio Access Network (RAN) Revenue (US\$, Mn), (2017-2022)

Table 33. Huawei Corporate Summary

Table 34. Huawei 5G Radio Access Network (RAN) Product Offerings

Table 35. Huawei 5G Radio Access Network (RAN) Revenue (US\$, Mn), (2017-2022)

Table 36. Ericsson Corporate Summary

Table 37. Ericsson 5G Radio Access Network (RAN) Product Offerings

Table 38. Ericsson 5G Radio Access Network (RAN) Revenue (US\$, Mn), (2017-2022)

Table 39. NEC Corporate Summary

Table 40. NEC 5G Radio Access Network (RAN) Product Offerings

Table 41. NEC 5G Radio Access Network (RAN) Revenue (US\$, Mn), (2017-2022)

Table 42. Fujitsu Corporate Summary

Table 43. Fujitsu 5G Radio Access Network (RAN) Product Offerings

Table 44. Fujitsu 5G Radio Access Network (RAN) Revenue (US\$, Mn), (2017-2022)

Table 45. Mavenir Corporate Summary

Table 46. Mavenir 5G Radio Access Network (RAN) Product Offerings

Table 47. Mavenir 5G Radio Access Network (RAN) Revenue (US\$, Mn), (2017-2022)

## List Of Figures

### LIST OF FIGURES

Figure 1. 5G Radio Access Network (RAN) Segment by Type in 2021

Figure 2. 5G Radio Access Network (RAN) Segment by Application in 2021

Figure 3. Global 5G Radio Access Network (RAN) Market Overview: 2021

Figure 4. Key Caveats

Figure 5. Global 5G Radio Access Network (RAN) Market Size: 2021 VS 2028 (US\$, Mn)

Figure 6. Global 5G Radio Access Network (RAN) Revenue, 2017-2028 (US\$, Mn)

Figure 7. The Top 3 and 5 Players Market Share by 5G Radio Access Network (RAN) Revenue in 2021

Figure 8. By Type - Global 5G Radio Access Network (RAN) Revenue Market Share, 2017-2028

Figure 9. By Application - Global 5G Radio Access Network (RAN) Revenue Market Share, 2017-2028

Figure 10. By Region - Global 5G Radio Access Network (RAN) Revenue Market Share, 2017-2028

Figure 11. By Country - North America 5G Radio Access Network (RAN) Revenue Market Share, 2017-2028

Figure 12. US 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 13. Canada 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 14. Mexico 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 15. By Country - Europe 5G Radio Access Network (RAN) Revenue Market Share, 2017-2028

Figure 16. Germany 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 17. France 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 18. U.K. 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 19. Italy 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 20. Russia 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 21. Nordic Countries 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 22. Benelux 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 23. By Region - Asia 5G Radio Access Network (RAN) Revenue Market Share, 2017-2028

Figure 24. China 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 25. Japan 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 26. South Korea 5G Radio Access Network (RAN) Revenue, (US\$, Mn),

2017-2028

Figure 27. Southeast Asia 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 28. India 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 29. By Country - South America 5G Radio Access Network (RAN) Revenue Market Share, 2017-2028

Figure 30. Brazil 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 31. Argentina 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 32. By Country - Middle East & Africa 5G Radio Access Network (RAN) Revenue Market Share, 2017-2028

Figure 33. Turkey 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 34. Israel 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 35. Saudi Arabia 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 36. UAE 5G Radio Access Network (RAN) Revenue, (US\$, Mn), 2017-2028

Figure 37. Nokia 5G Radio Access Network (RAN) Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 38. Huawei 5G Radio Access Network (RAN) Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 39. Ericsson 5G Radio Access Network (RAN) Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 40. NEC 5G Radio Access Network (RAN) Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 41. Fujitsu 5G Radio Access Network (RAN) Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 42. Mavenir 5G Radio Access Network (RAN) Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

## I would like to order

Product name: 5G Radio Access Network (RAN) Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/52D16FB810BEEN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/52D16FB810BEEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970