

# Global AI-RAN (Artificial Intelligence-Powered Radio Access Network) Market - 2024-2032

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## Abstracts

The Global AI-RAN (Artificial Intelligence-Powered Radio Access Network) Market was valued at US\$ 150,00 million in 2024 and is anticipated to reach US\$ 816,04 million by 2032, at a CAGR of 0.2375 from 2026 to 2032.

The report delivers in-depth insights into key market dynamics, including regional growth trends, market segmentation, CAGR projections, and the revenue performance of leading industry players. It also highlights major growth drivers shaping the market landscape. Designed to provide a clear and comprehensive perspective, the report offers a detailed view of the current market size in terms of both value and volume, along with emerging opportunities and the overall development outlook of the Global AI-RAN (Artificial Intelligence-Powered Radio Access Network) Market.

This report delivers a comprehensive overview of the Global AI-RAN (Artificial Intelligence-Powered Radio Access Network) Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Global AI-RAN (Artificial Intelligence-Powered Radio Access Network) Market. The Global AI-RAN (Artificial Intelligence-Powered Radio Access Network) Market size, estimates, and forecasts are provided in terms of output/shipments (K MT) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2024–2032.

Global AI-RAN (Artificial Intelligence-Powered Radio Access Network) Market Scope:

By Component

Software

Hardware

Services

#### By RAN Architecture

Open RAN (O-RAN)

Virtualized RAN (vRAN)

Hybrid RAN

#### By Deployment

On-premises

Cloud based

#### By End-Users

Telecom Operators

Enterprises

Others

#### Key Players

NVIDIA

NOKIA

Mavenir

SAMSUNG

NEC Corporation

FUJITSU

ZTE Corporation

VIAVI SOLUTIONS INC.

Radisys

Telefonaktiebolaget LM Ericsson

## Major Highlights

This report delivers a comprehensive overview of the Global AI-RAN (Artificial Intelligence-Powered Radio Access Network) Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Global AI-RAN (Artificial Intelligence-Powered Radio Access Network) Market. The Global AI-RAN (Artificial Intelligence-Powered Radio Access Network) Market size, estimates, and forecasts are provided in terms of output/shipments (K Sqm) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2024–2032.

This report will assist keyword manufacturers, new entrants, and companies across the industry value chain with information on revenues, production, and average prices for the overall market and its sub-segments, by company, by Type, by Application, and by region.

## Regional Analysis:

North America (U.S., Canada, Mexico)

Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)

Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)

South America (Colombia, Brazil, Argentina, Rest of South America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

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## Target Audience 2026

Manufacturers/ Buyers

Industry Investors/Investment Bankers

Research Professionals

Emerging Companies

## Contents

### **1. METHODOLOGY AND SCOPE**

- 1.1. Research Methodology
- 1.2. Research Objective and Scope of the Report

### **2. DEFINITION AND OVERVIEW**

### **3. EXECUTIVE SUMMARY**

- 3.1. Snippet by Component
- 3.2. Snippet by RAN Architecture
- 3.3. Snippet by Deployment
- 3.4. Snippet by End-Users
- 3.5. Snippet by Region

### **4. DYNAMICS**

- 4.1. Impacting Factors
  - 4.1.1. Drivers
    - 4.1.1.1. Growth in electric and hybrid vehicle adoption requiring new compliance tests
  - 4.1.2. Restraints
    - 4.1.2.1. Complex regulatory variations across countries/regions
  - 4.1.3. Opportunity
  - 4.1.4. Impact Analysis

### **5. INDUSTRY ANALYSIS**

- 5.1. Porter's Five Force Analysis
- 5.2. Supply Chain Analysis
- 5.3. Pricing Analysis
- 5.4. Regulatory and Compliance Analysis
- 5.5. Technological Analysis
- 5.6. DMI Opinion

### **6. BY COMPONENT**

- 6.1. Introduction

- 6.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Component
- 6.1.2. Market Attractiveness Index, By Component
- 6.2. Software \*
- 6.2.1. Introduction
- 6.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 6.3. Hardware
- 6.4. Services

## **7. BY RAN ARCHITECTURE**

- 7.1. Introduction
  - 7.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By RAN Architecture
  - 7.1.2. Market Attractiveness Index, By RAN Architecture
- 7.2. Open RAN (O-RAN) \*
  - 7.2.1. Introduction
  - 7.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 7.3. Virtualized RAN (vRAN)
- 7.4. Hybrid RAN

## **8. BY DEPLOYMENT**

- 8.1. Introduction
  - 8.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Deployment
  - 8.1.2. Market Attractiveness Index, By Deployment
- 8.2. On-premises\*
  - 8.2.1. Introduction
  - 8.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 8.3. Cloud based

## **9. BY END-USERS**

- 9.1. Introduction
  - 9.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-Users
  - 9.1.2. Market Attractiveness Index, By End-Users
- 9.2. Telecom Operators\*
  - 9.2.1. Introduction
  - 9.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 9.3. Enterprises
- 9.4. Others

## 10. BY REGION

### 10.1. Introduction

10.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Region

10.1.2. Market Attractiveness Index, By Region

### 10.2. North America

10.2.1. Introduction

10.2.2. Key Region-Specific Dynamics

10.2.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Component

10.2.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By RAN Architecture

10.2.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Deployment

10.2.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-Users

10.2.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

10.2.7.1. US

10.2.7.2. Canada

10.2.7.3. Mexico

### 10.3. Europe

10.3.1. Introduction

10.3.2. Key Region-Specific Dynamics

10.3.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Component

10.3.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By RAN Architecture

10.3.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Deployment

10.3.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-Users

10.3.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

10.3.7.1. Germany

10.3.7.2. UK

10.3.7.3. France

10.3.7.4. Italy

10.3.7.5. Spain

10.3.7.6. Rest of Europe

### 10.4. South America

10.4.1. Introduction

10.4.2. Key Region-Specific Dynamics

10.4.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Component

10.4.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By RAN Architecture

10.4.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Deployment

10.4.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-Users

10.4.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

- 10.4.7.1. Brazil
- 10.4.7.2. Argentina
- 10.4.7.3. Rest of South America

## 10.5. Asia-Pacific

- 10.5.1. Introduction
- 10.5.2. Key Region-Specific Dynamics
- 10.5.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Component
- 10.5.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By RAN Architecture
- 10.5.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Deployment
- 10.5.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-Users
- 10.5.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country
  - 10.5.7.1. China
  - 10.5.7.2. India
  - 10.5.7.3. Japan
  - 10.5.7.4. Australia
  - 10.5.7.5. Rest of Asia-Pacific

## 10.6. Middle East and Africa

- 10.6.1. Introduction
- 10.6.2. Key Region-Specific Dynamics
- 10.6.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Component
- 10.6.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By RAN Architecture
- 10.6.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Deployment
- 10.6.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-Users

## 11. COMPETITIVE LANDSCAPE

- 11.1. Competitive Scenario
- 11.2. Market Positioning/Share Analysis
- 11.3. Mergers and Acquisitions Analysis

## 12. COMPANY PROFILES

- 12.1. NVIDIA \*
  - 12.1.1. Company Overview
  - 12.1.2. Product Portfolio and Description
  - 12.1.3. Financial Overview
  - 12.1.4. Key Developments
- 12.2. NOKIA
- 12.3. Mavenir

12.4. SAMSUNG

12.5. NEC Corporation

12.6. FUJITSU

12.7. ZTE Corporation

12.8. VIAVI SOLUTIONS INC.

12.9. Radisys

12.10. Telefonaktiebolaget LM Ericsson (LIST NOT EXHAUSTIVE)

### **13. APPENDIX**

13.1. About Us and Services

13.2. Contact Us

## I would like to order

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