

Global Reconfigurable Intelligent Surfaces (RIS) Market 2026 by Company, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Reconfigurable Intelligent Surfaces (RIS) market size was valued at US\$ million in 2025 and is forecast to a readjusted size of US\$ million by 2032 with a CAGR of %during review period.

Reconfigurable Intelligent Surfaces (RIS) are advanced electromagnetic surfaces designed to dynamically control and manipulate wireless signals in a highly efficient and programmable manner. RIS consists of an array of passive or active elements, such as meta-materials or phase-shifting units, that can adjust the phase, amplitude, and polarization of incident electromagnetic waves in real-time. This technology enhances the performance of wireless communication systems by intelligently redirecting signals, improving coverage, reducing interference, and enhancing data rates without the need for additional power-hungry infrastructure. RIS can be controlled via software, allowing it to adapt to changing environments and optimize wireless signal propagation, making it a promising solution for next-generation wireless networks, such as 5G and beyond, smart environments, and the Internet of Things (IoT).

This report is a detailed and comprehensive analysis for global Reconfigurable Intelligent Surfaces (RIS) market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Reconfigurable Intelligent Surfaces (RIS) market size and forecasts, in consumption value (\$ Million), 2021-2032

Global Reconfigurable Intelligent Surfaces (RIS) market size and forecasts by region and country, in consumption value (\$ Million), 2021-2032

Global Reconfigurable Intelligent Surfaces (RIS) market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2021-2032

Global Reconfigurable Intelligent Surfaces (RIS) market shares of main players, in revenue (\$ Million), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries

- To assess the growth potential for Reconfigurable Intelligent Surfaces (RIS)

- To forecast future growth in each product and end-use market

- To assess competitive factors affecting the marketplace

This report profiles key players in the global Reconfigurable Intelligent Surfaces (RIS) 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 BT, Huawei, ZTE, AGC, NTT, Samsung, Rohde & Schwarz, Greenerwave, NEC, Orange Belgium, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

Reconfigurable Intelligent Surfaces (RIS) market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Active RIS

Semi-passive RIS

Passive RIS

Market segment by Application

Radar Systems

Satellite Communications

Indoor Positioning

Others

Market segment by players, this report covers

BT

Huawei

ZTE

AGC

NTT

Samsung

Rohde & Schwarz

Greenerwave

NEC

Orange Belgium

SK Telecom

China Telecom

Nokia

LG Uplus

Fractal Antenna Systems

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Reconfigurable Intelligent Surfaces (RIS) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Reconfigurable Intelligent Surfaces (RIS), with revenue, gross margin, and global market share of Reconfigurable Intelligent Surfaces (RIS) from 2021 to 2026.

Chapter 3, the Reconfigurable Intelligent Surfaces (RIS) competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape

contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2021 to 2032.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2021 to 2026. and Reconfigurable Intelligent Surfaces (RIS) market forecast, by regions, by Type and by Application, with consumption value, from 2027 to 2032.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Reconfigurable Intelligent Surfaces (RIS).

Chapter 13, to describe Reconfigurable Intelligent Surfaces (RIS) research findings and conclusion.

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