

# Global Wi-Fi 7 RF Front-end Chip Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Wi-Fi 7 RF Front-end Chip market size was valued at US\$ 1286 million in 2025 and is forecast to a readjusted size of US\$ 7632 million by 2032 with a CAGR of 24.4% during review period.

Wi-Fi 7 RF Front-end Chip is a radio-frequency front-end component or module used in Wi-Fi 7 systems, including power amplifiers, low-noise amplifiers, switches, filters and integrated front-end modules. It supports higher bandwidth, multi-link operation, 4K-QAM and tri-band connectivity in routers, smartphones, PCs and IoT devices. In 2025, global Wi-Fi 7 RF Front-end Chip production reached approximately 180,000 K units.

Wi-Fi 7 adoption is moving from flagship routers into smartphones, PCs, gateways and enterprise access points. The new standard increases RF complexity because devices need better linearity, lower noise and support for 6 GHz operation and multi-link features.

Front-end content per device is rising as tri-band and higher MIMO configurations become more common. Router and gateway products are early volume drivers, while smartphones and PCs will expand the addressable market as platform chipsets integrate Wi-Fi 7 support.

Competition is intense because RF front-end products must combine performance, size, thermal behavior and cost. Global leaders remain strong in premium designs, but Chinese RF vendors are gaining opportunities in domestic smartphone, router and IoT supply chains.

This report is a detailed and comprehensive analysis for global Wi-Fi 7 RF Front-end Chip market. Both quantitative and qualitative analyses are presented by manufacturers, 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 Wi-Fi 7 RF Front-end Chip market size and forecasts, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global Wi-Fi 7 RF Front-end Chip market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global Wi-Fi 7 RF Front-end Chip market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global Wi-Fi 7 RF Front-end Chip market shares of main players, shipments in revenue (\$ Million), sales quantity (K Pcs), and ASP (US\$/Pcs), 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 Wi-Fi 7 RF Front-end Chip

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 Wi-Fi 7 RF Front-end Chip market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Skyworks, Qorvo, Broadcom,

Qualcomm, MediaTek, Murata, NXP, RichWave, Vanchip, Smarter Micro, etc.

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

## Market Segmentation

Wi-Fi 7 RF Front-end Chip 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 in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Power Amplifier

Low Noise Amplifier

RF Switch

Front-end Module

Filter Integrated FEM

Other

### Market segment by Frequency Band

2.4 GHz

5 GHz

6 GHz

Tri-band

Other

## Market segment by Integration

Discrete RF Chip

Integrated FEM

Wi-Fi Bluetooth Combo FEM

Router High-power FEM

Other

## Market segment by Application

Wi-Fi 7 Router

Smartphone Connectivity

Notebook PC

Home Gateway

Automotive Wi-Fi

Other

## Major players covered

Skyworks

Qorvo

Broadcom

Qualcomm

MediaTek

Murata

NXP

RichWave

Vanchip

Smarter Micro

Maxscend

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

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

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Wi-Fi 7 RF Front-end Chip product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Wi-Fi 7 RF Front-end Chip, with price, sales quantity, revenue, and global market share of Wi-Fi 7 RF Front-end Chip from 2021 to 2026.

Chapter 3, the Wi-Fi 7 RF Front-end Chip competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed

emphatically by landscape contrast.

Chapter 4, the Wi-Fi 7 RF Front-end Chip breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Wi-Fi 7 RF Front-end Chip market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Wi-Fi 7 RF Front-end Chip.

Chapter 14 and 15, to describe Wi-Fi 7 RF Front-end Chip sales channel, distributors, customers, research findings and conclusion.

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