

# **Residential Gateway Market by Type (High-end Residential Gateways, General Residential Gateways), Component Type (Modem, Router, Network Switch, and Others), Connection Type (Local Area Network (LAN), Metropolitan Area Network (MAN), Wide Area Network (WAN)), Application (Internet, STB, DVR, and Others), and Region 2024-2032**

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## **Abstracts**

The global residential gateway market size reached US\$ 5.8 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 9.8 Billion by 2032, exhibiting a growth rate (CAGR) of 5.7% during 2024-2032. The increasing demand for high-speed and reliable internet connectivity, the widespread uptake of various consumer electronic devices, and the rising need for internet protocol television (IPTV) and broadband connection represent some of the key factors driving the market.

A residential gateway, or home router, is a compact consumer-grade device that acts as a single point of access and is configured to facilitate the connection of a local area network (LAN) to a wide area network (WAN) through the modem. It usually operates as a mediator between several digital home networks and access providers. It further encompasses a range of built-in routers, ethernet ports, and wireless access points, which helps in connecting with several consumer electronic products, such as laptop, desktop, printers, and tablets. Residential gateway does not require complex network setups to operate, and it offers simplified access to multiple networks that ensure seamless interconnection between diverse external and internal networks. Apart from this, a residential gateway provides optimal security, better connectivity, and enhanced domain control. Based on these properties, a residential gateway is widely utilized in households to access internet, cable, and telephone services delivered to the home.

### Residential Gateway Market Trends:

The increasing demand for high-speed and reliable internet connectivity and the widespread uptake of various consumer electronic devices, such as Wi-Fi, television (TV), and smartphones in the residential sector, are prime factors currently driving the market growth. In line with this, the rising need for internet protocol television (IPTV) and broadband connection and the growing popularity of streaming services during the COVID-19 pandemic due to their vast content library and minimal monthly subscription rates are creating a positive outlook for the market. This can be further attributed to the significant expansion in the media and entertainment sector and the emergence of over-the-top (OTT) platforms. Additionally, the shifting consumer inclination toward smart homes has facilitated the utilization of residential gateway in households, which is supporting the market growth. These devices are extensively employed to operate multiple smart home interconnected devices, such as connected thermostats, security cameras, and door locks, to offer optimal comfort, convenience, and security to the users. Moreover, the advent of 4K/8K ultra-high-definition (Ultra HD) video streaming services and the integration of the Internet of Things (IoT) with smart devices are propelling the market growth. Other factors, such as the recent launch of new services by network operators, the emergence of local network technologies, and the fabrication of international common standards, are creating a positive outlook for the market.

### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global residential gateway market, along with forecasts at the global, regional, and country level from 2024-2032. Our report has categorized the market based on type, component type, connection type and application.

### Type Insights:

High-end Residential Gateways

General Residential Gateways

The report has also provided a detailed breakup and analysis of the residential gateway market based on the type. This includes high-end and general residential gateways. According to the report, general residential gateways represented the largest segment.

### Component Type Insights:

Modem

Router  
Network Switch  
Others

A detailed breakup and analysis of the residential gateway market based on the component type has also been provided in the report. This includes modem, router, network switch, and others.

Connection Type Insights:

Local Area Network (LAN)  
Metropolitan Area Network (MAN)  
Wide Area Network (WAN)

The report has also provided a detailed breakup and analysis of the residential gateway market based on the connection type. This includes local area network, (LAN), metropolitan area network (MAN) and wide area network (WAN).

Application Insights:

Internet  
STB  
DVR  
Others

A detailed breakup and analysis of the residential gateway market based on the application has also been provided in the report. This includes internet, STB, DVR and others. According to the report, internet accounted for the largest market share.

Regional Insights:

North America  
United States  
Canada  
Asia Pacific  
China  
Japan  
India  
South Korea

Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets that include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and Middle East and Africa. According to the report, North America was the largest market for residential gateways. Some of the factors driving the North America residential gateway market included the increasing penetration of high-speed internet, the widespread adoption of consumer electronic products, and the rising establishments of smart homes.

#### Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global residential gateway market. Detailed profiles of all major companies have also been provided. Some of the companies covered includes Actiontec Electronics Inc., Advanced Digital Broadcast, AudioCodes Ltd., AVM, Cisco Systems, Comtrend Corporation, Huawei Technologies Co. Ltd., Humax Co. Ltd., Sagemcom, Vantiva SA, Zyxel Communications Corporation (Unizyx Holding Corporation), etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

#### Key Questions Answered in This Report

1. How big is the global residential gateway market?
2. What is the expected growth rate of the global residential gateway market during 2024-2032?
3. What are the key factors driving the global residential gateway market?
4. What has been the impact of COVID-19 on the global residential gateway market?
5. What is the breakup of the global residential gateway market based on the type?
6. What is the breakup of the global residential gateway market based on the application?
7. What are the key regions in the global residential gateway market?
8. Who are the key players/companies in the global residential gateway market?

## Contents

### **1 PREFACE**

### **2 SCOPE AND METHODOLOGY**

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### **3 EXECUTIVE SUMMARY**

### **4 INTRODUCTION**

- 4.1 Overview
- 4.2 Key Industry Trends

### **5 GLOBAL RESIDENTIAL GATEWAY MARKET**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### **6 MARKET BREAKUP BY TYPE**

- 6.1 High-end Residential Gateways
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 General Residential Gateways
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast

## **7 MARKET BREAKUP BY COMPONENT TYPE**

### 7.1 Modem

7.1.1 Market Trends

7.1.2 Market Forecast

### 7.2 Router

7.2.1 Market Trends

7.2.2 Market Forecast

### 7.3 Network Switch

7.3.1 Market Trends

7.3.2 Market Forecast

### 7.4 Others

7.4.1 Market Trends

7.4.2 Market Forecast

## **8 MARKET BREAKUP BY CONNECTION TYPE**

### 8.1 Local Area Network (LAN)

8.1.1 Market Trends

8.1.2 Market Forecast

### 8.2 Metropolitan Area Network (MAN)

8.2.1 Market Trends

8.2.2 Market Forecast

### 8.3 Wide Area Network (WAN)

8.3.1 Market Trends

8.3.2 Market Forecast

## **9 MARKET BREAKUP BY APPLICATION**

### 9.1 Internet

9.1.1 Market Trends

9.1.2 Market Forecast

### 9.2 STB

9.2.1 Market Trends

9.2.2 Market Forecast

### 9.3 DVR

9.3.1 Market Trends

9.3.2 Market Forecast

### 9.4 Others

9.4.1 Market Trends

9.4.2 Market Forecast

## **10 MARKET BREAKUP BY REGION**

10.1 North America

10.1.1 United States

10.1.1.1 Market Trends

10.1.1.2 Market Forecast

10.1.2 Canada

10.1.2.1 Market Trends

10.1.2.2 Market Forecast

10.2 Asia-Pacific

10.2.1 China

10.2.1.1 Market Trends

10.2.1.2 Market Forecast

10.2.2 Japan

10.2.2.1 Market Trends

10.2.2.2 Market Forecast

10.2.3 India

10.2.3.1 Market Trends

10.2.3.2 Market Forecast

10.2.4 South Korea

10.2.4.1 Market Trends

10.2.4.2 Market Forecast

10.2.5 Australia

10.2.5.1 Market Trends

10.2.5.2 Market Forecast

10.2.6 Indonesia

10.2.6.1 Market Trends

10.2.6.2 Market Forecast

10.2.7 Others

10.2.7.1 Market Trends

10.2.7.2 Market Forecast

10.3 Europe

10.3.1 Germany

10.3.1.1 Market Trends

10.3.1.2 Market Forecast

10.3.2 France



- 10.3.2.1 Market Trends
- 10.3.2.2 Market Forecast
- 10.3.3 United Kingdom
  - 10.3.3.1 Market Trends
  - 10.3.3.2 Market Forecast
- 10.3.4 Italy
  - 10.3.4.1 Market Trends
  - 10.3.4.2 Market Forecast
- 10.3.5 Spain
  - 10.3.5.1 Market Trends
  - 10.3.5.2 Market Forecast
- 10.3.6 Russia
  - 10.3.6.1 Market Trends
  - 10.3.6.2 Market Forecast
- 10.3.7 Others
  - 10.3.7.1 Market Trends
  - 10.3.7.2 Market Forecast
- 10.4 Latin America
  - 10.4.1 Brazil
    - 10.4.1.1 Market Trends
    - 10.4.1.2 Market Forecast
  - 10.4.2 Mexico
    - 10.4.2.1 Market Trends
    - 10.4.2.2 Market Forecast
  - 10.4.3 Others
    - 10.4.3.1 Market Trends
    - 10.4.3.2 Market Forecast
- 10.5 Middle East and Africa
  - 10.5.1 Market Trends
  - 10.5.2 Market Breakup by Country
  - 10.5.3 Market Forecast

## **11 DRIVERS, RESTRAINTS, AND OPPORTUNITIES**

- 11.1 Overview
- 11.2 Drivers
- 11.3 Restraints
- 11.4 Opportunities

## **12 VALUE CHAIN ANALYSIS**

## **13 PORTERS FIVE FORCES ANALYSIS**

- 13.1 Overview
- 13.2 Bargaining Power of Buyers
- 13.3 Bargaining Power of Suppliers
- 13.4 Degree of Competition
- 13.5 Threat of New Entrants
- 13.6 Threat of Substitutes

## **14 PRICE ANALYSIS**

## **15 COMPETITIVE LANDSCAPE**

- 15.1 Market Structure
- 15.2 Key Players
- 15.3 Profiles of Key Players
  - 15.3.1 Actiontec Electronics Inc.
    - 15.3.1.1 Company Overview
    - 15.3.1.2 Product Portfolio
  - 15.3.2 Advanced Digital Broadcast
    - 15.3.2.1 Company Overview
    - 15.3.2.2 Product Portfolio
  - 15.3.3 AudioCodes Ltd.
    - 15.3.3.1 Company Overview
    - 15.3.3.2 Product Portfolio
    - 15.3.3.3 Financials
  - 15.3.4 AVM
    - 15.3.4.1 Company Overview
    - 15.3.4.2 Product Portfolio
  - 15.3.5 Cisco Systems
    - 15.3.5.1 Company Overview
    - 15.3.5.2 Product Portfolio
    - 15.3.5.3 Financials
    - 15.3.5.4 SWOT Analysis
  - 15.3.6 Comtrend Corporation
    - 15.3.6.1 Company Overview
    - 15.3.6.2 Product Portfolio

15.3.6.3 Financials

15.3.7 Huawei Technologies Co.Ltd.

15.3.7.1 Company Overview

15.3.7.2 Product Portfolio

15.3.7.3 SWOT Analysis

15.3.8 Humax Co. Ltd.

15.3.8.1 Company Overview

15.3.8.2 Product Portfolio

15.3.8.3 Financials

15.3.9 Sagemcom

15.3.9.1 Company Overview

15.3.9.2 Product Portfolio

15.3.10 Vantiva SA

15.3.10.1 Company Overview

15.3.10.2 Product Portfolio

15.3.11 Zyxel Communications Corporation (Unizyx Holding Corporation)

15.3.11.1 Company Overview

15.3.11.2 Product Portfolio

Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

## List Of Tables

### LIST OF TABLES

Table 1: Global: Residential Gateway Market: Key Industry Highlights, 2023 & 2032

Table 2: Global: Residential Gateway Market Forecast: Breakup by Type (in Million US\$), 2024-2032

Table 3: Global: Residential Gateway Market Forecast: Breakup by Component Type (in Million US\$), 2024-2032

Table 4: Global: Residential Gateway Market Forecast: Breakup by Connection Type (in Million US\$), 2024-2032

Table 5: Global: Residential Gateway Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 6: Global: Residential Gateway Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 7: Global: Residential Gateway Market: Competitive Structure

Table 8: Global: Residential Gateway Market: Key Players

## List Of Figures

### LIST OF FIGURES

- Figure 1: Global: Residential Gateway Market: Major Drivers and Challenges
- Figure 2: Global: Residential Gateway Market: Sales Value (in Billion US\$), 2018-2023
- Figure 3: Global: Residential Gateway Market Forecast: Sales Value (in Billion US\$), 2024-2032
- Figure 4: Global: Residential Gateway Market: Breakup by Type (in %), 2023
- Figure 5: Global: Residential Gateway Market: Breakup by Component Type (in %), 2023
- Figure 6: Global: Residential Gateway Market: Breakup by Connection Type (in %), 2023
- Figure 7: Global: Residential Gateway Market: Breakup by Application (in %), 2023
- Figure 8: Global: Residential Gateway Market: Breakup by Region (in %), 2023
- Figure 9: Global: Residential Gateway (High-end Residential Gateways) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 10: Global: Residential Gateway (High-end Residential Gateways) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 11: Global: Residential Gateway (General Residential Gateways) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 12: Global: Residential Gateway (General Residential Gateways) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 13: Global: Residential Gateway (Modem) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 14: Global: Residential Gateway (Modem) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 15: Global: Residential Gateway (Router) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 16: Global: Residential Gateway (Router) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 17: Global: Residential Gateway (Network Switch) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 18: Global: Residential Gateway (Network Switch) Market Forecast: Sales Value (in Million US\$), 2024-2032
- Figure 19: Global: Residential Gateway (Other Component Types) Market: Sales Value (in Million US\$), 2018 & 2023
- Figure 20: Global: Residential Gateway (Other Component Types) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 21: Global: Residential Gateway (Local Area Network (LAN)) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 22: Global: Residential Gateway (Local Area Network (LAN)) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 23: Global: Residential Gateway (Metropolitan Area Network (MAN)) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 24: Global: Residential Gateway (Metropolitan Area Network (MAN)) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 25: Global: Residential Gateway (Wide Area Network (WAN)) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 26: Global: Residential Gateway (Wide Area Network (WAN)) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 27: Global: Residential Gateway (Internet) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 28: Global: Residential Gateway (Internet) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 29: Global: Residential Gateway (STB) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 30: Global: Residential Gateway (STB) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 31: Global: Residential Gateway (DVR) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 32: Global: Residential Gateway (DVR) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 33: Global: Residential Gateway (Other Applications) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 34: Global: Residential Gateway (Other Applications) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 35: North America: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 36: North America: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 37: United States: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 38: United States: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 39: Canada: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 40: Canada: Residential Gateway Market Forecast: Sales Value (in Million US\$),

2024-2032

Figure 41: Asia-Pacific: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 42: Asia-Pacific: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 43: China: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 44: China: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 45: Japan: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 46: Japan: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 47: India: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 48: India: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 49: South Korea: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 50: South Korea: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 51: Australia: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 52: Australia: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 53: Indonesia: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 54: Indonesia: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 55: Others: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 56: Others: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 57: Europe: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 58: Europe: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 59: Germany: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 60: Germany: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 61: France: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 62: France: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 63: United Kingdom: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 64: United Kingdom: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 65: Italy: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 66: Italy: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 67: Spain: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 68: Spain: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 69: Russia: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 70: Russia: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 71: Others: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 72: Others: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 73: Latin America: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 74: Latin America: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 75: Brazil: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 76: Brazil: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 77: Mexico: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 78: Mexico: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 79: Others: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023



Figure 80: Others: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 81: Middle East and Africa: Residential Gateway Market: Sales Value (in Million US\$), 2018 & 2023

Figure 82: Middle East and Africa: Residential Gateway Market: Breakup by Country (in %), 2023

Figure 83: Middle East and Africa: Residential Gateway Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 84: Global: Residential Gateway Industry: Drivers, Restraints, and Opportunities

Figure 85: Global: Residential Gateway Industry: Value Chain Analysis

Figure 86: Global: Residential Gateway Industry: Porter's Five Forces Analysis

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