

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 2023-2028

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Abstracts

Market Overview:

The global residential gateway market size reached US\$ 5.47 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 8.05 Billion by 2028, exhibiting a growth rate (CAGR) of 6.6% during 2023-2028. 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 2023-2028. 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:

How has the global residential gateway market performed so far and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global residential gateway market?

What are the key regional markets?

Which countries represent the most attractive residential gateway markets?

What is the breakup of the market based on the type?

What is the breakup of the market based on the component type?

What is the breakup of the market based on the connection type?

What is the breakup of the market based on the application?

What is the competitive structure of the global residential gateway market?

Who are the key players/companies in the global residential gateway market?

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