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Global Wi-Fi Chipset Market Size study & Forecast, by Protocol Type (802.11ac, 802.11n, 802.11ax, 802.11b, Others) by MIMO Configuration (MU-MIMO, SU-MIMO), by Application (Residential, Enterprise, Education, Government and Public Utilities, Others), and Regional Analysis, 2023-2030

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Abstracts

Global Wi-Fi Chipset Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. A Wi-Fi chipset, also known as a wireless chipset, refers to the integrated circuit (IC) or set of electronic components that enable wireless communication over Wi-Fi networks. It is a crucial component found in various devices such as smartphones, laptops, tablets, routers, and other wireless-enabled devices. The Wi-Fi chipset typically consists of a transceiver, which handles the transmission and reception of wireless signals, and a baseband processor, responsible for encoding and decoding the data transmitted over the Wi-Fi network. The Wi-Fi Chipset Market is expanding because of factors such as rising Growing number of public Wi-Fi hotspots, Growing machine to machine connections, Increasing Internet Penetration Rate.

The Organisation for Economic Co-operation and Development survey estimates that by 2025, there will be 1,262.47 million homes with computers. Computer homes are those that have at least one computer. The market participants will have the chance to diversify their Wi-Fi chipset product offerings, boost their regional presence, and gain market share as a result of the enormous rise in the usage of computers. Furthermore, according to Statista, As of 2022, the number of internet users across the globe was 5.3 billion, which was up from 4.9 billion in the year 2021. Thus, the rising number of internet users is further favouring the market growth. In addition, Application

advancements of Wi-Fi in AR and VR and use of Wi-Fi technology in indoor and outdoor location systems is creating a lucrative opportunity to the market. However, network security and complexities related to network management stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Wi-Fi Chipset Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 factors such as rising 5g connection, rising internet penetration, and dominance of key market players in the region. Asia Pacific is expected to grow significantly during the forecast period, owing to factors such as rising number of internet users, rising adoption of computers, and rising internet industry in the region.

Major market player included in this report are:
Qualcomm
Broadcom
Mediatek
Intel Corporation
Texas Instruments Incorporated
STMicroelectronics N.V.
Samsung Electronics Co., Ltd
NXP Semiconductors N.V.
On Semiconductor Co.
Cypress Semiconductor Corporation

Recent Developments in the Market:
In May 2022, MediaTek announced two new wifi 7 chipsets. Gateways, access points, and routers all benefit from the Filogic 880. The Filogic 380 provides customer assistance. The chipsets are present in clients (Filogic 380) and access points (Filogic 880) that enable wifi 7. These include laptops and mobile devices.
In April 2022, , Broadcom Inc. revealed that samples of their full end-to-end Wi-Fi 7 chipset solutions are now available. These Wi-Fi 7 chips offer reliable low-latency connections, an increased range, and more than twice the speed of current Wi-Fi 6 and 6E solutions. The Broadcom BCM67263, BCM6726, BCM43740, BCM43720, and BCM4398 are parts of the Wi-Fi 7 ecosystem.

Global Wi-Fi Chipset Market Report Scope:
Historical Data – 2020 - 2021

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Base Year for Estimation – 2022
Forecast period - 2023-2030
Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends
Segments Covered - Protocol Type, MIMO Configuration, Application, Region
Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa
Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Protocol Type offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Protocol Type:
802.11ac
802.11n
802.11ax
802.11b
Others

By MIMO Configuration:
MU-MIMO
SU-MIMO

By Application:
Residential
Enterprise
Education
Government and Public Utilites
Others

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By Region:

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U.S.
Canada

Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC

Latin America
Brazil
Mexico

Middle East & Africa
Saudi Arabia
South Africa
Rest of Middle East & Africa

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Contents

CHAPTER 1. EXECUTIVE SUMMARY

1.1. Market Snapshot
1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
  1.2.1. Wi-Fi Chipset Market, by Region, 2020-2030 (USD Billion)
  1.2.2. Wi-Fi Chipset Market, by Protocol Type, 2020-2030 (USD Billion)
  1.2.3. Wi-Fi Chipset Market, by MIMO Configuration, 2020-2030 (USD Billion)
  1.2.4. Wi-Fi Chipset Market, by Application, 2020-2030 (USD Billion)
1.3. Key Trends
1.4. Estimation Methodology
1.5. Research Assumption

CHAPTER 2. GLOBAL WI-FI CHIPSET MARKET DEFINITION AND SCOPE

2.1. Objective of the Study
2.2. Market Definition & Scope
  2.2.1. Industry Evolution
  2.2.2. Scope of the Study
2.3. Years Considered for the Study
2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL WI-FI CHIPSET MARKET DYNAMICS

3.1. Wi-Fi Chipset Market Impact Analysis (2020-2030)
  3.1.1. Market Drivers
    3.1.1.1. Growing number of public Wi-Fi hotspots
    3.1.1.2. Growing machine to machine connections
    3.1.1.3. Increasing Internet Penetration Rate
  3.1.2. Market Challenges
    3.1.2.1. Network security and complexities related to network management.
  3.1.3. Market Opportunities
    3.1.3.1. Application advancements of Wi-Fi in AR and VR
    3.1.3.2. Use of Wi-Fi technology in indoor and outdoor location systems

CHAPTER 4. GLOBAL WI-FI CHIPSET MARKET INDUSTRY ANALYSIS

4.1. Porter’s 5 Force Model

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4.1.1. Bargaining Power of Suppliers
4.1.2. Bargaining Power of Buyers
4.1.3. Threat of New Entrants
4.1.4. Threat of Substitutes
4.1.5. Competitive Rivalry
4.2. Porter’s 5 Force Impact Analysis
4.3. PEST Analysis
4.3.1. Political
4.3.2. Economical
4.3.3. Social
4.3.4. Technological
4.3.5. Environmental
4.3.6. Legal
4.4. Top investment opportunity
4.5. Top winning strategies
4.6. COVID-19 Impact Analysis
4.7. Disruptive Trends
4.8. Industry Expert Perspective
4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL WI-FI CHIPSET MARKET, BY PROTOCOL TYPE

5.1. Market Snapshot
5.2. Global Wi-Fi Chipset Market by Protocol Type, Performance - Potential Analysis
5.3. Global Wi-Fi Chipset Market Estimates & Forecasts by Protocol Type 2020-2030 (USD Billion)
5.4. Wi-Fi Chipset Market, Sub Segment Analysis
5.4.1. 802.11ac
5.4.2. 802.11n
5.4.3. 802.11ax
5.4.4. 802.11b
5.4.5. Others

CHAPTER 6. GLOBAL WI-FI CHIPSET MARKET, BY MIMO CONFIGURATION

6.1. Market Snapshot
6.2. Global Wi-Fi Chipset Market by MIMO Configuration, Performance - Potential Analysis
6.3. Global Wi-Fi Chipset Market Estimates & Forecasts by MIMO Configuration

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2020-2030 (USD Billion)
6.4. Wi-Fi Chipset Market, Sub Segment Analysis
6.4.1. MU-MIMO
6.4.2. SU-MIMO

CHAPTER 7. GLOBAL WI-FI CHIPSET MARKET, BY APPLICATION

7.1. Market Snapshot
7.2. Global Wi-Fi Chipset Market by Application, Performance - Potential Analysis
7.3. Global Wi-Fi Chipset Market Estimates & Forecasts by Application 2020-2030 (USD Billion)
7.4. Wi-Fi Chipset Market, Sub Segment Analysis
7.4.1. Residential
7.4.2. Enterprise
7.4.3. Education
7.4.4. Government and Public Utilites
7.4.5. Others

CHAPTER 8. GLOBAL WI-FI CHIPSET MARKET, REGIONAL ANALYSIS

8.1. Top Leading Countries
8.2. Top Emerging Countries
8.3. Wi-Fi Chipset Market, Regional Market Snapshot
8.4. North America Wi-Fi Chipset Market
8.4.1. U.S. Wi-Fi Chipset Market
8.4.1.1. Protocol Type breakdown estimates & forecasts, 2020-2030
8.4.1.2. MIMO Configuration breakdown estimates & forecasts, 2020-2030
8.4.1.3. Application breakdown estimates & forecasts, 2020-2030
8.4.2. Canada Wi-Fi Chipset Market
8.5. Europe Wi-Fi Chipset Market Snapshot
8.5.1. U.K. Wi-Fi Chipset Market
8.5.2. Germany Wi-Fi Chipset Market
8.5.3. France Wi-Fi Chipset Market
8.5.4. Spain Wi-Fi Chipset Market
8.5.5. Italy Wi-Fi Chipset Market
8.5.6. Rest of Europe Wi-Fi Chipset Market
8.6. Asia-Pacific Wi-Fi Chipset Market Snapshot
8.6.1. China Wi-Fi Chipset Market
8.6.2. India Wi-Fi Chipset Market

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8.6.3. Japan Wi-Fi Chipset Market
8.6.4. Australia Wi-Fi Chipset Market
8.6.5. South Korea Wi-Fi Chipset Market
8.6.6. Rest of Asia Pacific Wi-Fi Chipset Market
8.7. Latin America Wi-Fi Chipset Market Snapshot
8.7.1. Brazil Wi-Fi Chipset Market
8.7.2. Mexico Wi-Fi Chipset Market
8.8. Middle East & Africa Wi-Fi Chipset Market
8.8.1. Saudi Arabia Wi-Fi Chipset Market
8.8.2. South Africa Wi-Fi Chipset Market
8.8.3. Rest of Middle East & Africa Wi-Fi Chipset Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

9.1. Key Company SWOT Analysis
9.1.1. Company
9.1.2. Company
9.1.3. Company
9.2. Top Market Strategies
9.3. Company Profiles
9.3.1. Qualcomm
9.3.1.1. Key Information
9.3.1.2. Overview
9.3.1.3. Financial (Subject to Data Availability)
9.3.1.4. Product Summary
9.3.1.5. Recent Developments
9.3.2. Broadcom
9.3.3. Mediatek
9.3.4. Intel Corporation
9.3.5. Texas Instruments Incorporated
9.3.6. STMicroelectronics N.V.
9.3.7. Samsung Electronics Co., Ltd
9.3.8. NXP Semiconductors N.V.
9.3.9. On Semiconductor Co.
9.3.10. Cypress Semiconductor Corporation

CHAPTER 10. RESEARCH PROCESS

10.1. Research Process

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10.1.1. Data Mining
10.1.2. Analysis
10.1.3. Market Estimation
10.1.4. Validation
10.1.5. Publishing
10.2. Research Attributes
10.3. Research Assumption

+44 20 8123 2220
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List Of Tables

LIST OF TABLES

TABLE 1. Global Wi-Fi Chipset Market, report scope
TABLE 2. Global Wi-Fi Chipset Market estimates & forecasts by Region 2020-2030 (USD Billion)
TABLE 3. Global Wi-Fi Chipset Market estimates & forecasts by Protocol Type 2020-2030 (USD Billion)
TABLE 4. Global Wi-Fi Chipset Market estimates & forecasts by MIMO Configuration 2020-2030 (USD Billion)
TABLE 5. Global Wi-Fi Chipset Market estimates & forecasts by Application 2020-2030 (USD Billion)
TABLE 6. Global Wi-Fi Chipset Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 7. Global Wi-Fi Chipset Market by region, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 8. Global Wi-Fi Chipset Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 9. Global Wi-Fi Chipset Market by region, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 10. Global Wi-Fi Chipset Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 11. Global Wi-Fi Chipset Market by region, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 12. Global Wi-Fi Chipset Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 13. Global Wi-Fi Chipset Market by region, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 14. Global Wi-Fi Chipset Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 15. Global Wi-Fi Chipset Market by region, estimates & forecasts, 2020-2030 (USD Billion)
TABLE 16. U.S. Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 17. U.S. Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 18. U.S. Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 19. Canada Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD

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Billion)
TABLE 20. Canada Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 21. Canada Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 22. UK Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 23. UK Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 24. UK Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 25. Germany Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 26. Germany Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 27. Germany Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 28. France Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 29. France Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 30. France Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 31. Italy Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 32. Italy Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 33. Italy Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 34. Spain Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 35. Spain Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 36. Spain Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 37. RoE Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 38. RoE Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 39. RoE Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 40. China Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 41. China Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030

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(USD Billion)
TABLE 42. China Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 43. India Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 44. India Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 45. India Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 46. Japan Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 47. Japan Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 48. Japan Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 49. South Korea Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 50. South Korea Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 51. South Korea Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 52. Australia Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 53. Australia Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 54. Australia Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 55. RoAPAC Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 56. RoAPAC Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 57. RoAPAC Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 58. Brazil Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 59. Brazil Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 60. Brazil Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 61. Mexico Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 62. Mexico Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030

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(USD Billion)
TABLE 63. Mexico Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 64. RoLA Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 65. RoLA Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 66. RoLA Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 67. Saudi Arabia Wi-Fi Chipset Market estimates & forecasts, 2020-2030 (USD Billion)
TABLE 68. South Africa Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 69. RoMEA Wi-Fi Chipset Market estimates & forecasts by segment 2020-2030 (USD Billion)
TABLE 70. List of secondary sources, used in the study of global Wi-Fi Chipset Market
TABLE 71. List of primary sources, used in the study of global Wi-Fi Chipset Market
TABLE 72. Years considered for the study
TABLE 73. Exchange rates considered
List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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List Of Figures

LIST OF FIGURES

FIG 1. Global Wi-Fi Chipset Market, research methodology
FIG 2. Global Wi-Fi Chipset Market, Market estimation techniques
FIG 3. Global Market size estimates & forecast methods
FIG 4. Global Wi-Fi Chipset Market, key trends 2022
FIG 5. Global Wi-Fi Chipset Market, growth prospects 2023-2030
FIG 6. Global Wi-Fi Chipset Market, porters 5 force model
FIG 7. Global Wi-Fi Chipset Market, pest analysis
FIG 8. Global Wi-Fi Chipset Market, value chain analysis
FIG 9. Global Wi-Fi Chipset Market by segment, 2020 & 2030 (USD Billion)
FIG 10. Global Wi-Fi Chipset Market by segment, 2020 & 2030 (USD Billion)
FIG 11. Global Wi-Fi Chipset Market by segment, 2020 & 2030 (USD Billion)
FIG 12. Global Wi-Fi Chipset Market by segment, 2020 & 2030 (USD Billion)
FIG 13. Global Wi-Fi Chipset Market by segment, 2020 & 2030 (USD Billion)
FIG 14. Global Wi-Fi Chipset Market, regional snapshot 2020 & 2030
FIG 15. North America Wi-Fi Chipset Market 2020 & 2030 (USD Billion)
FIG 16. Europe Wi-Fi Chipset Market 2020 & 2030 (USD Billion)
FIG 17. Asia pacific Wi-Fi Chipset Market 2020 & 2030 (USD Billion)
FIG 18. Latin America Wi-Fi Chipset Market 2020 & 2030 (USD Billion)
FIG 19. Middle East & Africa Wi-Fi Chipset Market 2020 & 2030 (USD Billion)
List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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