

Global Quantum Computing Chip Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G47A79179BFFEN.html>

Date: October 2024

Pages: 114

Price: US\$ 3,480.00 (Single User License)

ID: G47A79179BFFEN

Abstracts

According to our (Global Info Research) latest study, the global Quantum Computing Chip market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Following a strong growth of 26.2 percent in the year 2021, WSTS revised it down to a single digit growth for the worldwide semiconductor market in 2022 with a total size of US\$580 billion, up 4.4 percent. WSTS lowered growth estimation as inflation rises and end markets seeing weaker demand, especially those exposed to consumer spending. While some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.8 percent, Sensors with 16.3 percent, and Logic with 14.5 percent growth. Memory declined with 12.6 percent year over year. In 2022, all geographical regions showed double-digit growth except Asia Pacific. The largest region, Asia Pacific, declined 2.0 percent. Sales in the Americas were US\$142.1 billion, up 17.0% year-on-year, sales in Europe were US\$53.8 billion, up 12.6% year-on-year, and sales in Japan were US\$48.1 billion, up 10.0% year-on-year. However, sales in the largest Asia-Pacific region were US\$336.2 billion, down 2.0% year-on-year.

The Global Info Research report includes an overview of the development of the Quantum Computing Chip industry chain, the market status of Below 30 Qubit Quantum Computer (Superconducting Chip, Topological Chip), 30-50 Qubit Quantum Computer (Superconducting Chip, Topological Chip), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Quantum Computing Chip.

Regionally, the report analyzes the Quantum Computing Chip markets in key regions.

North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Quantum Computing Chip market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Quantum Computing Chip market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Quantum Computing Chip industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Superconducting Chip, Topological Chip).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Quantum Computing Chip market.

Regional Analysis: The report involves examining the Quantum Computing Chip market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Quantum Computing Chip market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Quantum Computing Chip:

Company Analysis: Report covers individual Quantum Computing Chip manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Quantum Computing Chip. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Below 30 Qubit Quantum Computer, 30-50 Qubit Quantum Computer).

Technology Analysis: Report covers specific technologies relevant to Quantum Computing Chip. It assesses the current state, advancements, and potential future developments in Quantum Computing Chip areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Quantum Computing Chip market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Quantum Computing Chip market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Superconducting Chip

Topological Chip

Photonic Chip

Others

Market segment by Application

Below 30 Qubit Quantum Computer

30-50 Qubit Quantum Computer

50-60 Qubit Quantum Computer

Above Qubit Quantum Computer

Major players covered

IBM

Google

Microsoft

Intel

D-Wave

Rigetti Computing

Fujitsu

Xanadu

Origin Quantum Computing Technology

Ion Q

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 Quantum Computing Chip product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Quantum Computing Chip, with price, sales, revenue and global market share of Quantum Computing Chip from 2019 to 2024.

Chapter 3, the Quantum Computing Chip competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Quantum Computing Chip breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and Quantum Computing Chip market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Quantum Computing Chip.

Chapter 14 and 15, to describe Quantum Computing Chip sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Quantum Computing Chip

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Quantum Computing Chip Consumption Value by Type: 2019 Versus 2023 Versus 2030

1.3.2 Superconducting Chip

1.3.3 Topological Chip

1.3.4 Photonic Chip

1.3.5 Others

1.4 Market Analysis by Application

1.4.1 Overview: Global Quantum Computing Chip Consumption Value by Application: 2019 Versus 2023 Versus 2030

1.4.2 Below 30 Qubit Quantum Computer

1.4.3 30-50 Qubit Quantum Computer

1.4.4 50-60 Qubit Quantum Computer

1.4.5 Above Qubit Quantum Computer

1.5 Global Quantum Computing Chip Market Size & Forecast

1.5.1 Global Quantum Computing Chip Consumption Value (2019 & 2023 & 2030)

1.5.2 Global Quantum Computing Chip Sales Quantity (2019-2030)

1.5.3 Global Quantum Computing Chip Average Price (2019-2030)

2 MANUFACTURERS PROFILES

2.1 IBM

2.1.1 IBM Details

2.1.2 IBM Major Business

2.1.3 IBM Quantum Computing Chip Product and Services

2.1.4 IBM Quantum Computing Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 IBM Recent Developments/Updates

2.2 Google

2.2.1 Google Details

2.2.2 Google Major Business

2.2.3 Google Quantum Computing Chip Product and Services

2.2.4 Google Quantum Computing Chip Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2019-2024)

2.2.5 Google Recent Developments/Updates

2.3 Microsoft

2.3.1 Microsoft Details

2.3.2 Microsoft Major Business

2.3.3 Microsoft Quantum Computing Chip Product and Services

2.3.4 Microsoft Quantum Computing Chip Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2019-2024)

2.3.5 Microsoft Recent Developments/Updates

2.4 Intel

2.4.1 Intel Details

2.4.2 Intel Major Business

2.4.3 Intel Quantum Computing Chip Product and Services

2.4.4 Intel Quantum Computing Chip Sales Quantity, Average Price, Revenue, Gross

Margin and Market Share (2019-2024)

2.4.5 Intel Recent Developments/Updates

2.5 D-Wave

2.5.1 D-Wave Details

2.5.2 D-Wave Major Business

2.5.3 D-Wave Quantum Computing Chip Product and Services

2.5.4 D-Wave Quantum Computing Chip Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2019-2024)

2.5.5 D-Wave Recent Developments/Updates

2.6 Rigetti Computing

2.6.1 Rigetti Computing Details

2.6.2 Rigetti Computing Major Business

2.6.3 Rigetti Computing Quantum Computing Chip Product and Services

2.6.4 Rigetti Computing Quantum Computing Chip Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 Rigetti Computing Recent Developments/Updates

2.7 Fujitsu

2.7.1 Fujitsu Details

2.7.2 Fujitsu Major Business

2.7.3 Fujitsu Quantum Computing Chip Product and Services

2.7.4 Fujitsu Quantum Computing Chip Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2019-2024)

2.7.5 Fujitsu Recent Developments/Updates

2.8 Xanadu

2.8.1 Xanadu Details

- 2.8.2 Xanadu Major Business
- 2.8.3 Xanadu Quantum Computing Chip Product and Services
- 2.8.4 Xanadu Quantum Computing Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Xanadu Recent Developments/Updates
- 2.9 Origin Quantum Computing Technology
 - 2.9.1 Origin Quantum Computing Technology Details
 - 2.9.2 Origin Quantum Computing Technology Major Business
 - 2.9.3 Origin Quantum Computing Technology Quantum Computing Chip Product and Services
 - 2.9.4 Origin Quantum Computing Technology Quantum Computing Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.9.5 Origin Quantum Computing Technology Recent Developments/Updates
- 2.10 Ion Q
 - 2.10.1 Ion Q Details
 - 2.10.2 Ion Q Major Business
 - 2.10.3 Ion Q Quantum Computing Chip Product and Services
 - 2.10.4 Ion Q Quantum Computing Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.10.5 Ion Q Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: QUANTUM COMPUTING CHIP BY MANUFACTURER

- 3.1 Global Quantum Computing Chip Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Quantum Computing Chip Revenue by Manufacturer (2019-2024)
- 3.3 Global Quantum Computing Chip Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
 - 3.4.1 Producer Shipments of Quantum Computing Chip by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 Quantum Computing Chip Manufacturer Market Share in 2023
 - 3.4.2 Top 6 Quantum Computing Chip Manufacturer Market Share in 2023
- 3.5 Quantum Computing Chip Market: Overall Company Footprint Analysis
 - 3.5.1 Quantum Computing Chip Market: Region Footprint
 - 3.5.2 Quantum Computing Chip Market: Company Product Type Footprint
 - 3.5.3 Quantum Computing Chip Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Quantum Computing Chip Market Size by Region

4.1.1 Global Quantum Computing Chip Sales Quantity by Region (2019-2030)

4.1.2 Global Quantum Computing Chip Consumption Value by Region (2019-2030)

4.1.3 Global Quantum Computing Chip Average Price by Region (2019-2030)

4.2 North America Quantum Computing Chip Consumption Value (2019-2030)

4.3 Europe Quantum Computing Chip Consumption Value (2019-2030)

4.4 Asia-Pacific Quantum Computing Chip Consumption Value (2019-2030)

4.5 South America Quantum Computing Chip Consumption Value (2019-2030)

4.6 Middle East and Africa Quantum Computing Chip Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

5.1 Global Quantum Computing Chip Sales Quantity by Type (2019-2030)

5.2 Global Quantum Computing Chip Consumption Value by Type (2019-2030)

5.3 Global Quantum Computing Chip Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Quantum Computing Chip Sales Quantity by Application (2019-2030)

6.2 Global Quantum Computing Chip Consumption Value by Application (2019-2030)

6.3 Global Quantum Computing Chip Average Price by Application (2019-2030)

7 NORTH AMERICA

7.1 North America Quantum Computing Chip Sales Quantity by Type (2019-2030)

7.2 North America Quantum Computing Chip Sales Quantity by Application (2019-2030)

7.3 North America Quantum Computing Chip Market Size by Country

7.3.1 North America Quantum Computing Chip Sales Quantity by Country (2019-2030)

7.3.2 North America Quantum Computing Chip Consumption Value by Country
(2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

8.1 Europe Quantum Computing Chip Sales Quantity by Type (2019-2030)

- 8.2 Europe Quantum Computing Chip Sales Quantity by Application (2019-2030)
- 8.3 Europe Quantum Computing Chip Market Size by Country
 - 8.3.1 Europe Quantum Computing Chip Sales Quantity by Country (2019-2030)
 - 8.3.2 Europe Quantum Computing Chip Consumption Value by Country (2019-2030)
 - 8.3.3 Germany Market Size and Forecast (2019-2030)
 - 8.3.4 France Market Size and Forecast (2019-2030)
 - 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
 - 8.3.6 Russia Market Size and Forecast (2019-2030)
 - 8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Quantum Computing Chip Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Quantum Computing Chip Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Quantum Computing Chip Market Size by Region
 - 9.3.1 Asia-Pacific Quantum Computing Chip Sales Quantity by Region (2019-2030)
 - 9.3.2 Asia-Pacific Quantum Computing Chip Consumption Value by Region (2019-2030)
 - 9.3.3 China Market Size and Forecast (2019-2030)
 - 9.3.4 Japan Market Size and Forecast (2019-2030)
 - 9.3.5 Korea Market Size and Forecast (2019-2030)
 - 9.3.6 India Market Size and Forecast (2019-2030)
 - 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
 - 9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

- 10.1 South America Quantum Computing Chip Sales Quantity by Type (2019-2030)
- 10.2 South America Quantum Computing Chip Sales Quantity by Application (2019-2030)
- 10.3 South America Quantum Computing Chip Market Size by Country
 - 10.3.1 South America Quantum Computing Chip Sales Quantity by Country (2019-2030)
 - 10.3.2 South America Quantum Computing Chip Consumption Value by Country (2019-2030)
 - 10.3.3 Brazil Market Size and Forecast (2019-2030)
 - 10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Quantum Computing Chip Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Quantum Computing Chip Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa Quantum Computing Chip Market Size by Country
 - 11.3.1 Middle East & Africa Quantum Computing Chip Sales Quantity by Country (2019-2030)
 - 11.3.2 Middle East & Africa Quantum Computing Chip Consumption Value by Country (2019-2030)
 - 11.3.3 Turkey Market Size and Forecast (2019-2030)
 - 11.3.4 Egypt Market Size and Forecast (2019-2030)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
 - 11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

- 12.1 Quantum Computing Chip Market Drivers
- 12.2 Quantum Computing Chip Market Restraints
- 12.3 Quantum Computing Chip Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Quantum Computing Chip and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Quantum Computing Chip
- 13.3 Quantum Computing Chip Production Process
- 13.4 Quantum Computing Chip Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors

14.2 Quantum Computing Chip Typical Distributors

14.3 Quantum Computing Chip Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Quantum Computing Chip Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Quantum Computing Chip Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. IBM Basic Information, Manufacturing Base and Competitors

Table 4. IBM Major Business

Table 5. IBM Quantum Computing Chip Product and Services

Table 6. IBM Quantum Computing Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. IBM Recent Developments/Updates

Table 8. Google Basic Information, Manufacturing Base and Competitors

Table 9. Google Major Business

Table 10. Google Quantum Computing Chip Product and Services

Table 11. Google Quantum Computing Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Google Recent Developments/Updates

Table 13. Microsoft Basic Information, Manufacturing Base and Competitors

Table 14. Microsoft Major Business

Table 15. Microsoft Quantum Computing Chip Product and Services

Table 16. Microsoft Quantum Computing Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Microsoft Recent Developments/Updates

Table 18. Intel Basic Information, Manufacturing Base and Competitors

Table 19. Intel Major Business

Table 20. Intel Quantum Computing Chip Product and Services

Table 21. Intel Quantum Computing Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Intel Recent Developments/Updates

Table 23. D-Wave Basic Information, Manufacturing Base and Competitors

Table 24. D-Wave Major Business

Table 25. D-Wave Quantum Computing Chip Product and Services

Table 26. D-Wave Quantum Computing Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. D-Wave Recent Developments/Updates

Table 28. Rigetti Computing Basic Information, Manufacturing Base and Competitors

Table 29. Rigetti Computing Major Business

Table 30. Rigetti Computing Quantum Computing Chip Product and Services

Table 31. Rigetti Computing Quantum Computing Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Rigetti Computing Recent Developments/Updates

Table 33. Fujitsu Basic Information, Manufacturing Base and Competitors

Table 34. Fujitsu Major Business

Table 35. Fujitsu Quantum Computing Chip Product and Services

Table 36. Fujitsu Quantum Computing Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. Fujitsu Recent Developments/Updates

Table 38. Xanadu Basic Information, Manufacturing Base and Competitors

Table 39. Xanadu Major Business

Table 40. Xanadu Quantum Computing Chip Product and Services

Table 41. Xanadu Quantum Computing Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. Xanadu Recent Developments/Updates

Table 43. Origin Quantum Computing Technology Basic Information, Manufacturing Base and Competitors

Table 44. Origin Quantum Computing Technology Major Business

Table 45. Origin Quantum Computing Technology Quantum Computing Chip Product and Services

Table 46. Origin Quantum Computing Technology Quantum Computing Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. Origin Quantum Computing Technology Recent Developments/Updates

Table 48. Ion Q Basic Information, Manufacturing Base and Competitors

Table 49. Ion Q Major Business

Table 50. Ion Q Quantum Computing Chip Product and Services

Table 51. Ion Q Quantum Computing Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 52. Ion Q Recent Developments/Updates

Table 53. Global Quantum Computing Chip Sales Quantity by Manufacturer (2019-2024) & (K Units)

Table 54. Global Quantum Computing Chip Revenue by Manufacturer (2019-2024) & (USD Million)

Table 55. Global Quantum Computing Chip Average Price by Manufacturer (2019-2024) & (US\$/Unit)

Table 56. Market Position of Manufacturers in Quantum Computing Chip, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 57. Head Office and Quantum Computing Chip Production Site of Key Manufacturer

Table 58. Quantum Computing Chip Market: Company Product Type Footprint

Table 59. Quantum Computing Chip Market: Company Product Application Footprint

Table 60. Quantum Computing Chip New Market Entrants and Barriers to Market Entry

Table 61. Quantum Computing Chip Mergers, Acquisition, Agreements, and Collaborations

Table 62. Global Quantum Computing Chip Sales Quantity by Region (2019-2024) & (K Units)

Table 63. Global Quantum Computing Chip Sales Quantity by Region (2025-2030) & (K Units)

Table 64. Global Quantum Computing Chip Consumption Value by Region (2019-2024) & (USD Million)

Table 65. Global Quantum Computing Chip Consumption Value by Region (2025-2030) & (USD Million)

Table 66. Global Quantum Computing Chip Average Price by Region (2019-2024) & (US\$/Unit)

Table 67. Global Quantum Computing Chip Average Price by Region (2025-2030) & (US\$/Unit)

Table 68. Global Quantum Computing Chip Sales Quantity by Type (2019-2024) & (K Units)

Table 69. Global Quantum Computing Chip Sales Quantity by Type (2025-2030) & (K Units)

Table 70. Global Quantum Computing Chip Consumption Value by Type (2019-2024) & (USD Million)

Table 71. Global Quantum Computing Chip Consumption Value by Type (2025-2030) & (USD Million)

Table 72. Global Quantum Computing Chip Average Price by Type (2019-2024) & (US\$/Unit)

Table 73. Global Quantum Computing Chip Average Price by Type (2025-2030) & (US\$/Unit)

Table 74. Global Quantum Computing Chip Sales Quantity by Application (2019-2024) & (K Units)

Table 75. Global Quantum Computing Chip Sales Quantity by Application (2025-2030) & (K Units)

Table 76. Global Quantum Computing Chip Consumption Value by Application (2019-2024) & (USD Million)

Table 77. Global Quantum Computing Chip Consumption Value by Application (2025-2030) & (USD Million)

Table 78. Global Quantum Computing Chip Average Price by Application (2019-2024) & (US\$/Unit)

Table 79. Global Quantum Computing Chip Average Price by Application (2025-2030) & (US\$/Unit)

Table 80. North America Quantum Computing Chip Sales Quantity by Type (2019-2024) & (K Units)

Table 81. North America Quantum Computing Chip Sales Quantity by Type (2025-2030) & (K Units)

Table 82. North America Quantum Computing Chip Sales Quantity by Application (2019-2024) & (K Units)

Table 83. North America Quantum Computing Chip Sales Quantity by Application (2025-2030) & (K Units)

Table 84. North America Quantum Computing Chip Sales Quantity by Country (2019-2024) & (K Units)

Table 85. North America Quantum Computing Chip Sales Quantity by Country (2025-2030) & (K Units)

Table 86. North America Quantum Computing Chip Consumption Value by Country (2019-2024) & (USD Million)

Table 87. North America Quantum Computing Chip Consumption Value by Country (2025-2030) & (USD Million)

Table 88. Europe Quantum Computing Chip Sales Quantity by Type (2019-2024) & (K Units)

Table 89. Europe Quantum Computing Chip Sales Quantity by Type (2025-2030) & (K Units)

Table 90. Europe Quantum Computing Chip Sales Quantity by Application (2019-2024) & (K Units)

Table 91. Europe Quantum Computing Chip Sales Quantity by Application (2025-2030) & (K Units)

Table 92. Europe Quantum Computing Chip Sales Quantity by Country (2019-2024) & (K Units)

Table 93. Europe Quantum Computing Chip Sales Quantity by Country (2025-2030) & (K Units)

Table 94. Europe Quantum Computing Chip Consumption Value by Country (2019-2024) & (USD Million)

Table 95. Europe Quantum Computing Chip Consumption Value by Country (2025-2030) & (USD Million)

Table 96. Asia-Pacific Quantum Computing Chip Sales Quantity by Type (2019-2024) &

(K Units)

Table 97. Asia-Pacific Quantum Computing Chip Sales Quantity by Type (2025-2030) & (K Units)

Table 98. Asia-Pacific Quantum Computing Chip Sales Quantity by Application (2019-2024) & (K Units)

Table 99. Asia-Pacific Quantum Computing Chip Sales Quantity by Application (2025-2030) & (K Units)

Table 100. Asia-Pacific Quantum Computing Chip Sales Quantity by Region (2019-2024) & (K Units)

Table 101. Asia-Pacific Quantum Computing Chip Sales Quantity by Region (2025-2030) & (K Units)

Table 102. Asia-Pacific Quantum Computing Chip Consumption Value by Region (2019-2024) & (USD Million)

Table 103. Asia-Pacific Quantum Computing Chip Consumption Value by Region (2025-2030) & (USD Million)

Table 104. South America Quantum Computing Chip Sales Quantity by Type (2019-2024) & (K Units)

Table 105. South America Quantum Computing Chip Sales Quantity by Type (2025-2030) & (K Units)

Table 106. South America Quantum Computing Chip Sales Quantity by Application (2019-2024) & (K Units)

Table 107. South America Quantum Computing Chip Sales Quantity by Application (2025-2030) & (K Units)

Table 108. South America Quantum Computing Chip Sales Quantity by Country (2019-2024) & (K Units)

Table 109. South America Quantum Computing Chip Sales Quantity by Country (2025-2030) & (K Units)

Table 110. South America Quantum Computing Chip Consumption Value by Country (2019-2024) & (USD Million)

Table 111. South America Quantum Computing Chip Consumption Value by Country (2025-2030) & (USD Million)

Table 112. Middle East & Africa Quantum Computing Chip Sales Quantity by Type (2019-2024) & (K Units)

Table 113. Middle East & Africa Quantum Computing Chip Sales Quantity by Type (2025-2030) & (K Units)

Table 114. Middle East & Africa Quantum Computing Chip Sales Quantity by Application (2019-2024) & (K Units)

Table 115. Middle East & Africa Quantum Computing Chip Sales Quantity by Application (2025-2030) & (K Units)

Table 116. Middle East & Africa Quantum Computing Chip Sales Quantity by Region (2019-2024) & (K Units)

Table 117. Middle East & Africa Quantum Computing Chip Sales Quantity by Region (2025-2030) & (K Units)

Table 118. Middle East & Africa Quantum Computing Chip Consumption Value by Region (2019-2024) & (USD Million)

Table 119. Middle East & Africa Quantum Computing Chip Consumption Value by Region (2025-2030) & (USD Million)

Table 120. Quantum Computing Chip Raw Material

Table 121. Key Manufacturers of Quantum Computing Chip Raw Materials

Table 122. Quantum Computing Chip Typical Distributors

Table 123. Quantum Computing Chip Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Quantum Computing Chip Picture

Figure 2. Global Quantum Computing Chip Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Quantum Computing Chip Consumption Value Market Share by Type in 2023

Figure 4. Superconducting Chip Examples

Figure 5. Topological Chip Examples

Figure 6. Photonic Chip Examples

Figure 7. Others Examples

Figure 8. Global Quantum Computing Chip Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 9. Global Quantum Computing Chip Consumption Value Market Share by Application in 2023

Figure 10. Below 30 Qubit Quantum Computer Examples

Figure 11. 30-50 Qubit Quantum Computer Examples

Figure 12. 50-60 Qubit Quantum Computer Examples

Figure 13. Above Qubit Quantum Computer Examples

Figure 14. Global Quantum Computing Chip Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 15. Global Quantum Computing Chip Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 16. Global Quantum Computing Chip Sales Quantity (2019-2030) & (K Units)

Figure 17. Global Quantum Computing Chip Average Price (2019-2030) & (US\$/Unit)

Figure 18. Global Quantum Computing Chip Sales Quantity Market Share by Manufacturer in 2023

Figure 19. Global Quantum Computing Chip Consumption Value Market Share by Manufacturer in 2023

Figure 20. Producer Shipments of Quantum Computing Chip by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 21. Top 3 Quantum Computing Chip Manufacturer (Consumption Value) Market Share in 2023

Figure 22. Top 6 Quantum Computing Chip Manufacturer (Consumption Value) Market Share in 2023

Figure 23. Global Quantum Computing Chip Sales Quantity Market Share by Region (2019-2030)

Figure 24. Global Quantum Computing Chip Consumption Value Market Share by Region (2019-2030)

Figure 25. North America Quantum Computing Chip Consumption Value (2019-2030) & (USD Million)

Figure 26. Europe Quantum Computing Chip Consumption Value (2019-2030) & (USD Million)

Figure 27. Asia-Pacific Quantum Computing Chip Consumption Value (2019-2030) & (USD Million)

Figure 28. South America Quantum Computing Chip Consumption Value (2019-2030) & (USD Million)

Figure 29. Middle East & Africa Quantum Computing Chip Consumption Value (2019-2030) & (USD Million)

Figure 30. Global Quantum Computing Chip Sales Quantity Market Share by Type (2019-2030)

Figure 31. Global Quantum Computing Chip Consumption Value Market Share by Type (2019-2030)

Figure 32. Global Quantum Computing Chip Average Price by Type (2019-2030) & (US\$/Unit)

Figure 33. Global Quantum Computing Chip Sales Quantity Market Share by Application (2019-2030)

Figure 34. Global Quantum Computing Chip Consumption Value Market Share by Application (2019-2030)

Figure 35. Global Quantum Computing Chip Average Price by Application (2019-2030) & (US\$/Unit)

Figure 36. North America Quantum Computing Chip Sales Quantity Market Share by Type (2019-2030)

Figure 37. North America Quantum Computing Chip Sales Quantity Market Share by Application (2019-2030)

Figure 38. North America Quantum Computing Chip Sales Quantity Market Share by Country (2019-2030)

Figure 39. North America Quantum Computing Chip Consumption Value Market Share by Country (2019-2030)

Figure 40. United States Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Canada Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 42. Mexico Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 43. Europe Quantum Computing Chip Sales Quantity Market Share by Type

(2019-2030)

Figure 44. Europe Quantum Computing Chip Sales Quantity Market Share by Application (2019-2030)

Figure 45. Europe Quantum Computing Chip Sales Quantity Market Share by Country (2019-2030)

Figure 46. Europe Quantum Computing Chip Consumption Value Market Share by Country (2019-2030)

Figure 47. Germany Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. France Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. United Kingdom Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Russia Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Italy Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 52. Asia-Pacific Quantum Computing Chip Sales Quantity Market Share by Type (2019-2030)

Figure 53. Asia-Pacific Quantum Computing Chip Sales Quantity Market Share by Application (2019-2030)

Figure 54. Asia-Pacific Quantum Computing Chip Sales Quantity Market Share by Region (2019-2030)

Figure 55. Asia-Pacific Quantum Computing Chip Consumption Value Market Share by Region (2019-2030)

Figure 56. China Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Japan Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Korea Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. India Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Southeast Asia Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. Australia Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 62. South America Quantum Computing Chip Sales Quantity Market Share by Type (2019-2030)

Figure 63. South America Quantum Computing Chip Sales Quantity Market Share by Application (2019-2030)

Figure 64. South America Quantum Computing Chip Sales Quantity Market Share by Country (2019-2030)

Figure 65. South America Quantum Computing Chip Consumption Value Market Share by Country (2019-2030)

Figure 66. Brazil Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 67. Argentina Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 68. Middle East & Africa Quantum Computing Chip Sales Quantity Market Share by Type (2019-2030)

Figure 69. Middle East & Africa Quantum Computing Chip Sales Quantity Market Share by Application (2019-2030)

Figure 70. Middle East & Africa Quantum Computing Chip Sales Quantity Market Share by Region (2019-2030)

Figure 71. Middle East & Africa Quantum Computing Chip Consumption Value Market Share by Region (2019-2030)

Figure 72. Turkey Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. Egypt Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. Saudi Arabia Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. South Africa Quantum Computing Chip Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 76. Quantum Computing Chip Market Drivers

Figure 77. Quantum Computing Chip Market Restraints

Figure 78. Quantum Computing Chip Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Quantum Computing Chip in 2023

Figure 81. Manufacturing Process Analysis of Quantum Computing Chip

Figure 82. Quantum Computing Chip Industrial Chain

Figure 83. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

I would like to order

Product name: Global Quantum Computing Chip Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G47A79179BFFEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G47A79179BFFEN.html>