

# Global Quantum Chip Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Quantum Chip market size was valued at USD 107.1 million in 2023 and is forecast to a readjusted size of USD 1754.2 million by 2030 with a CAGR of 49.1% during review period.

The Quantum Chip industry can be broken down into several segments, Superconducting Quantum Chip, Topological Quantum Chip, etc.

Across the world, the major players cover IBM, Intel, etc.

Quantum chip is the integration of quantum circuits on the substrate, and then carry the function of quantum information processing.

Global key players of Quantum Chip include IBM, Google, Microsoft, Intel, D-Wave and Rigetti Computing, etc. Top three players occupy for a share about 53%. North America is the largest market, with a share about 62%, followed by Asia-Pacific and Europe. In terms of product, Superconducting Quantum Chip is the largest segment, with a share over 84%. In terms of application, Below 39-qubit Quantum Computer is the largest market, with a share over 90%.

The Global Info Research report includes an overview of the development of the Quantum Chip industry chain, the market status of Below 39-qubit Quantum Computer (Superconducting Quantum Chip, Topological Quantum Chip), Above 40-qubit Quantum Computer (Superconducting Quantum Chip, Topological Quantum Chip), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Quantum Chip.

Regionally, the report analyzes the Quantum 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 Chip market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Quantum 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 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 revenue generated, and market share of different by Type (e.g., Superconducting Quantum Chip, Topological Quantum 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 Chip market.

**Regional Analysis:** The report involves examining the Quantum 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 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 Chip:

**Company Analysis:** Report covers individual Quantum Chip players, 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 Chip. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Below 39-qubit Quantum Computer, Above 40-qubit Quantum Computer).

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

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Quantum 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 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 value.

### Market segment by Type

Superconducting Quantum Chip

Topological Quantum Chip

Photonic Quantum Chip

Others

### Market segment by Application

Below 39-qubit Quantum Computer

Above 40-qubit Quantum Computer

Market segment by players, this report covers

IBM

Google

Microsoft

Intel

D-Wave

Rigetti Computing

Fujitsu

Xanadu

Origin Quantum Computing Technology

Ion Q

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

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

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

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Quantum Chip product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Quantum Chip, with revenue, gross margin and global market share of Quantum Chip from 2019 to 2024.

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

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024. and Quantum Chip market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Quantum Chip.

Chapter 13, to describe Quantum Chip research findings and conclusion.

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