

Quantum Computing Market Size, Share, Trends, Growth, Outlook, and Insights Report, 2023- Industry Forecasts by Type, Application, Segments, Countries, and Companies, 2021- 2030

<https://marketpublishers.com/r/Q2C51350E175EN.html>

Date: November 2023

Pages: 180

Price: US\$ 3,400.00 (Single User License)

ID: Q2C51350E175EN

Abstracts

The Quantum Computing market is a large and high-potential growth industry. In 2023, the market is poised to register positive year-on-year growth over 2022. Further, the Quantum Computing market size maintains a super-linear growth trajectory, registering continuous expansion from 2023 to 2030.

As we enter the late half of 2023, the Quantum Computing industry is poised for significant growth and transformation. The “Quantum Computing Market Size, Share, Trends, Growth, Outlook, and Insights Report, 2023- Data Forecasts by Type, Application, Segments, Countries, and Companies, 2018- 2030” report details the definition and advantages of Quantum Computing.

Overview of the Quantum Computing Industry in 2023

The accelerating development of the industry is driven by a widening application base, R&D investment in new product development, competitive strategies focusing on expanding into niche segments, and potential growth prospects for Quantum Computing Companies in developing countries.

The Quantum Computing Insights Report provides key market size and share outlook, short-term and long-term trends, potential opportunities, analytical models, current market conditions, scenario analysis, post-COVID analysis, competitive landscape, company profiles, and market news and developments.

Quantum Computing Market Size, Share, and Trend Analysis

The global Quantum Computing market plays a major role in the global electronics and semiconductors industry. The report provides a comprehensive and in-depth analysis of different segments across the industry.

Further, potential types, applications, products, and other Quantum Computing segments are analyzed in the market study.

Quantum Computing Market Statistics- Current status of the Quantum Computing industry and the key statistics for 2023 are provided in detail.

Strategic Analysis of Quantum Computing Industry- Competitive analysis, vendor landscape, SWOT profiles, and product profiles are included.

Market Trends and Insights- The Quantum Computing Insights report provides a detailed examination of key market trends, drivers, and their impact on demand. Further, the increasing importance of Quantum Computing across industries is discussed.

Market Developments- Mergers, acquisitions, product launches, capacity expansion plans, and other developments announced by leading Quantum Computing companies are included in the study.

Quantum Computing Market Opportunities- Potential growth opportunities and quantitative comparison of different segments to provide an assessment of diverse opportunities in the industry.

Regional analysis- Further, a geographical analysis of the Quantum Computing industry, highlighting key markets and their growth prospects is included. The market size across six regions including North America, Asia Pacific, Europe, South America, the Middle East, and Africa is forecast to 2030.

Analytical Frameworks

The Quantum Computing insights report uses multiple analytical frameworks for analyzing the global Quantum Computing industry. The tools include- Industry SWOT, Porter's Five Forces Analysis, PESTLE analysis, scenario analysis, and others.

Industry SWOT- The report identifies the key strengths, weaknesses, opportunities, and threats facing the global markets in 2023 and beyond.

Scenario analysis- 4 scenarios for the long-term future based on the global economy are analyzed.

Porter's Five Forces Analysis- The report quantifies Porter's five forces analysis to assess the market attractiveness using the weighted average of the Bargaining power of buyers, Bargaining power of suppliers, Threat of substitutes, Threat of new entrants, and intensity of competitive rivalry.

PESTLE Analysis- Six segments of the general environment surrounding the Quantum Computing industry including political, economic, social, technological, environmental, and legal factors are briefed.

Future Quantum Computing Growth Outlook and Opportunities

The chapter provides a detailed analysis of market size, growth rate, revenue trends, and volume analysis over the historical period from 2018 up to 2022. Projection of the future growth prospects and opportunities in the Quantum Computing industry along with insights into each of the potential market segments is included in the study. Further, the evaluation of factors driving market growth across markets is provided. In addition, the latest technological advancements and an analysis of the impact of these advancements on the performance, reliability, and efficiency of products are included.

Market Dynamics- Impact Analysis and Post-COVID Outlook of Quantum Computing Industry

Optimistic economic conditions are observed in H2-2023 across multiple scenarios. The current edition of the Quantum Computing Market Study identifies brighter views for 2023 and an increasingly optimistic global outlook over the forecast period.

However, the market is also constrained by challenges of geopolitical instability and conflicts with the Russia-Ukraine war and inflation conditions in the US and other markets, and rising interest rates continue to restrain the market growth prospects.

The four case scenarios considered for countries in the study are -

Sluggish economic growth, with emphasis on savings and low expenditure

Despite growth fluctuations, consumer confidence remains robust and gains continue for companies

Investments in technology deployment and productive investments

Stronger consumer demand and higher investments supporting solid growth

Quantum Computing Market Trends- Emerging markets present strong growth prospects

According to the World Bank, over 85% of the world's population lives in the Asia Pacific, the Middle East and Africa (MEA), or South America. An increasing volume of companies are expanding their production and marketing bases to these countries as the consumption power of individuals continues to strengthen.

Several new market entrants are targeting niche economically attractive Quantum Computing segments when expanding into these markets. We anticipate the Quantum Computing sales growth in developing countries to continue to accelerate rapidly over the forecast period.

North America Quantum Computing Industry: Market Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

The past few quarters have been encouraging for North American Quantum Computing market suppliers. A large number of Quantum Computing companies are reporting profitability after several quarters of margin declines. Focus on increasing operational efficiency, capturing niche market opportunities, and others are widely observed. The North American Quantum Computing industry research identifies the key market trends, driving forces, and growth opportunities across 3 countries including the United States, Canada, and Mexico markets.

Europe Quantum Computing Industry: Market Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Leading European Quantum Computing companies are focusing on customer orientation, sustainable supply chains, and economic value creation to succeed in long-

term market conditions. As Asian manufacturers enter the European markets, the region's electronics and semiconductors sector is undergoing a paradigm shift. The European Quantum Computing industry is also facing the significant impact of the Russia-Ukraine war. The insights report analyzes the Western European Quantum Computing countries including Germany, France, Spain, the United Kingdom, Italy, and other European countries including Russia, Turkey, and others.

Asia Pacific Quantum Computing Industry: Market Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Economic growth and shifting consumer preferences are set to shape the future of the Asia Pacific Quantum Computing industry. Leading companies in China, India, Japan, South Korea, Australia, Indonesia, South East Asia, and other regions are focusing on rapid business expansion through new product launches. The Quantum Computing insights report provides the market size outlook across these countries from 2018 to 2030.

South America Quantum Computing Industry: Market Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

South American countries including Brazil, Argentina, Chile, and others continue to demonstrate robust value-creation potential through 2030. Both traditional players and new start-ups are spending more on expanding products to niche consumer segments. Increasing urbanization, infrastructure development, and improving disposable incomes are likely to drive the market outlook over the forecast period.

Middle East and Africa Quantum Computing Industry: Market Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

The Middle East and African regions have a growing population, increasing urbanization, and improving standards of living, all of which contribute to the rising Quantum Computing demand. Further, Sustainability and environmental concerns are gaining prominence in the GCC region. In Africa, vehicle sales continued an upward trend and the rapid growth in infrastructure in the African region enables Quantum Computing companies to generate significant business growth in the medium to long-term future.

Competitive Insights

The landscape of the industry is shifting, moving away from traditional competition between peers and embracing new forms of competitive interactions. There is an increasing trend among companies from building products to building businesses. Companies are investing in developing new growth opportunities with market leaders increasingly focused on building and scaling up new businesses.

The Quantum Computing insights report provides a competitive analysis of the industry in 2023. The business profiles of the leading 10 companies are profiled in the study along with their SWOT profile, financials, products and services, and market developments. In addition, an evaluation of the competitive landscape, including major players, market share, and strategies adopted by key manufacturers is provided in the research study. The report also identifies the most prominent challenges and potential growth barriers faced by leading companies.

Report scope

Data for 13 years: Historic data from 2018 to 2022 and industry forecasts from 2023 to 2030

3 Parameters- Value, Volume, and Pricing Data

6 Regions- Asia Pacific, Europe, North America, South America, Middle East, Africa

27 Countries: United States, Canada, Mexico, Germany, France, Spain, United Kingdom, Italy, Russia, Turkey, Rest of Europe, China, India, Japan, South Korea, Australia, Indonesia, South East Asia, Saudi Arabia, United Arab Emirates, Rest of Middle East, South Africa, Egypt, Rest of Africa, Brazil, Argentina, Other South America

10 Companies- Leading companies with detailed profiles

5 Models- Scenario analysis, Porter's five forces, Industry SWOT, Pricing analysis, PESTLE

8 Market Dynamics- Trends, Drivers, Growth Restraints, Opportunities

Unique Additions to the current edition-

Impact of market developments including the Russia- Ukraine War, inflation across countries, supply-chain conditions, labor-market pressures, recession, trade, and other global factors

Pricing Analysis across types, applications, and countries for 2023 and industry Forecasts to 2030

electronics and semiconductors industry trends and market forecasts

Driving forces supporting the Quantum Computing sales in each of the 24 countries

Complimentary Excel spreadsheet and print authentication for a single-user license

Key Questions answered in this report-

1. What are the key regions in the global Quantum Computing industry?
2. Who are the major companies or key players operating in the global Quantum Computing industry?
3. What has been the impact of COVID-19 on the global Quantum Computing industry?
4. What is the projected compound annual growth rate (CAGR) of the global Quantum Computing market size for the period 2023-2028?
5. What are the key factors driving the growth of the global Quantum Computing industry?
6. How is the global Quantum Computing industry segmented based on product types?
7. What are the emerging trends and opportunities in the global Quantum Computing industry?
8. What are the challenges and obstacles faced by the global Quantum Computing market?

9. What are the competitive landscape and strategies of global Quantum Computing companies?

10. What are the innovations and advancements in product development within the global Quantum Computing industry?

11. What are the strategies adopted by key players in the global Quantum Computing market to maintain a competitive edge?

12. How is the global Quantum Computing industry expected to evolve in terms of demand and market dynamics in the coming years?

Contents

1 FOREWORD

2 EXECUTIVE SUMMARY

- 2.1 Key Findings, 2023
- 2.2 Market Overview
- 2.3 Market Highlights

3 REPORT GUIDE

- 3.1 Study Scope and Objectives
- 3.2 Market Segmentation
- 3.3 Methodology and Sources
- 3.4 Primary and Secondary Data Sources
- 3.5 Market Estimation- Data Triangulation
- 3.6 Forecast Methodology
- 3.7 Key Assumptions

4 INTRODUCTION

- 4.1 Market Definition and Evolution
- 4.2 Historical Market Size and Trends, 2018- 2022
- 4.3 Forecast Market Size, 2023- 2030
- 4.4 Industry Value Chain Analysis
- 4.5 Porter's Five Forces Analysis

5 MARKET ASSESSMENT

- 5.1 Post-COVID-19 Growth Prospects for the Quantum Computing Industry
- 5.2 Likely Case – Industry Forecasts
- 5.3 Optimistic Case- Industry Forecasts
- 5.4 Pessimistic Case- Industry Forecasts
- 5.5 Market Dynamics-
- 5.6 Drivers
- 5.7 Trends
- 5.8 Opportunities

5.9 Challenges

6 QUANTUM COMPUTING MARKET SIZE FORECASTS- TYPES, PRODUCTS, AND APPLICATIONS

6.1 Global Quantum Computing Growth Outlook by Type, \$ Million, 2018- 2022, 2023-2030

6.2 Global Quantum Computing Growth Outlook by Product, \$ Million, 2018- 2022, 2023- 2030

6.3 Global Quantum Computing Growth Outlook by Application, \$ Million, 2018- 2022, 2023- 2030

7 NORTH AMERICA QUANTUM COMPUTING MARKET SIZE FORECASTS- TYPES, PRODUCTS, AND APPLICATIONS

7.1 North America Quantum Computing Industry Current Market Conditions, 2023

7.2 North America Quantum Computing Market Trends and Opportunities

7.3 North America Quantum Computing Growth Outlook by Type

7.4 North America Quantum Computing Growth Outlook by Product

7.5 North America Quantum Computing Growth Outlook by Application

7.6 North America Quantum Computing Market Size Outlook by Country

7.7 United States Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030

7.8 Canada Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030

7.9 Mexico Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030

8 EUROPE QUANTUM COMPUTING MARKET SIZE FORECASTS- TYPES, PRODUCTS, AND APPLICATIONS

8.1 Europe Quantum Computing Industry Current Market Conditions, 2023

8.2 Europe Quantum Computing Market Trends and Opportunities

8.3 Europe Quantum Computing Growth Outlook by Type

8.4 Europe Quantum Computing Growth Outlook by Product

8.5 Europe Quantum Computing Growth Outlook by Application

8.6 Europe Quantum Computing Market Size Outlook by Country

8.7 Germany Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030

8.8 France Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030

8.9 United Kingdom Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030

8.10. Italy Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030

8.11 Spain Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030

8.12 Rest of Europe Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030

9 ASIA PACIFIC QUANTUM COMPUTING MARKET SIZE FORECASTS- TYPES, PRODUCTS, AND APPLICATIONS

- 9.1 Asia Pacific Quantum Computing Industry Current Market Conditions, 2023
- 9.2 Asia Pacific Quantum Computing Market Trends and Opportunities
- 9.3 Asia Pacific Quantum Computing Growth Outlook by Type
- 9.4 Asia Pacific Quantum Computing Growth Outlook by Product
- 9.5 Asia Pacific Quantum Computing Growth Outlook by Application
- 9.6 Asia Pacific Quantum Computing Growth Outlook by Country
- 9.7 China Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030
- 9.8 Japan Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030
- 9.9 India Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030
- 9.10. Australia Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030
- 9.11 South Korea Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030
- 9.12 South East Asia Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030
- 9.13 Rest of Asia Pacific Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030

10 SOUTH AMERICA QUANTUM COMPUTING MARKET SIZE FORECASTS- TYPES, PRODUCTS, AND APPLICATIONS

- 10.1 South America Quantum Computing Industry Current Market Conditions, 2023
- 10.2 South America Quantum Computing Market Trends and Opportunities
- 10.3 South America Quantum Computing Growth Outlook by Type
- 10.4 South America Quantum Computing Growth Outlook by Product
- 10.5 South America Quantum Computing Growth Outlook by Application
- 10.6 South America Quantum Computing Growth Outlook by Country
- 10.7 Brazil Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030
- 10.8 Argentina Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030
- 10.9 Rest of South America Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030

11 MIDDLE EAST AND AFRICA QUANTUM COMPUTING MARKET SIZE FORECASTS- TYPES, PRODUCTS, AND APPLICATIONS

- 11.1 Middle East and Africa Quantum Computing Industry Current Market Conditions, 2023

- 11.2 Middle East and Africa Quantum Computing Market Trends and Opportunities
- 11.3 Middle East and Africa Quantum Computing Growth Outlook by Type
- 11.4 Middle East and Africa Quantum Computing Growth Outlook by Product
- 11.5 Middle East and Africa Quantum Computing Growth Outlook by Application
- 11.6 Middle East and Africa Quantum Computing Growth Outlook by Country
- 11.7 Saudi Arabia Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030
- 11.8 United Arab Emirates Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030
- 11.9 South Africa Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030
- 11.10. Rest of Middle East Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030
- 11.11 Rest of Africa Quantum Computing Market Size Outlook, \$ Million, 2018 to 2030

12 COMPETITIVE LANDSCAPE

- 12.1 Competitive Scenario
- 12.2 Key Players
- 12.3 Company Profiles of Leading 10 Companies
- 12.4 Company Snapshot
- 12.5 Business Description of Leading Quantum Computing Companies
- 12.6 Quantum Computing Companies- Products and Services
- 12.7 Quantum Computing Companies- SWOT Analysis
- 12.8 Financial Profile

13 APPENDIX

- 13.1 List of Charts and Tables
- 13.2 Sources and Methodology
- 13.3 Conclusion and Future Remarks

Tables

TABLES AND CHARTS

- Table 1: Global Quantum Computing Statistics, 2023
- Exhibit 2: Research Methodology
- Exhibit 3: Forecast Methodology
- Table 4: Global Quantum Computing Market Size Forecast, 2021- 2030
- Exhibit 5: Global Quantum Computing Outlook, year-on-year, %, 2021- 2030
- Table 6: Global Quantum Computing Outlook by Type, \$ Million, 2021- 2030
- Table 7: Global Quantum Computing Outlook by Product, \$ Million, 2021- 2030
- Table 8: Global Quantum Computing Outlook by Application, \$ Million, 2021- 2030
- Exhibit 9: Porter's Framework
- Exhibit 10: SWOT Profile
- Exhibit 11: Growth Outlook Scenario Analysis
- Table 12: North America Quantum Computing Outlook by Type, 2021-2030
- Table 13: North America Quantum Computing Outlook by Application, 2021-2030
- Table 14: North America Quantum Computing Outlook by Product, 2021-2030
- Table 15: North America Quantum Computing Outlook by Country, 2021-2030
- Table 16: Europe Quantum Computing Outlook by Type, 2021-2030
- Table 17: Europe Quantum Computing Outlook by Application, 2021-2030
- Table 18: Europe Quantum Computing Outlook by Product, 2021-2030
- Table 19: Europe Quantum Computing Outlook by Country, 2021-2030
- Table 20: Asia Pacific Quantum Computing Outlook by Type, 2021-2030
- Table 21: Asia Pacific Quantum Computing Outlook by Application, 2021-2030
- Table 22: Asia Pacific Quantum Computing Outlook by Product, 2021-2030
- Table 23: Asia Pacific Quantum Computing Outlook by Country, 2021-2030
- Table 24: North America Quantum Computing Outlook by Type, 2021-2030
- Table 25: South America Quantum Computing Outlook by Application, 2021-2030
- Table 26: South America Quantum Computing Outlook by Product, 2021-2030
- Table 27: South America Quantum Computing Outlook by Country, 2021-2030
- Table 28: Middle East and Africa Quantum Computing Outlook by Type, 2021-2030
- Table 29: Middle East and Africa Quantum Computing Outlook by Application, 2021-2030
- Table 30: Middle East and Africa Quantum Computing Outlook by Product, 2021-2030
- Table 31: Middle East and Africa Quantum Computing Outlook by Country, 2021-2030
- Table 32: United States Quantum Computing Outlook, \$ Million, 2021- 2030
- Exhibit 33: United States Quantum Computing Outlook, year-on-year, %, 2021- 2030
- Table 34: Canada Quantum Computing Outlook, \$ Million, 2021- 2030

Exhibit 35: Canada Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 36: Mexico Quantum Computing Outlook, \$ Million, 2021- 2030
Exhibit 37: Mexico Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 38: Germany Quantum Computing Outlook, \$ Million, 2021- 2030
Exhibit 39: Germany Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 40: France Quantum Computing Outlook, \$ Million, 2021- 2030
Exhibit 41: France Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 42: United Kingdom Quantum Computing Outlook, \$ Million, 2021- 2030
Exhibit 43: United Kingdom Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 44: Spain Quantum Computing Outlook, \$ Million, 2021- 2030
Exhibit 45: Spain Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 46: Italy Quantum Computing Outlook, \$ Million, 2021- 2030
Exhibit 47: Italy Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 48: China Quantum Computing Outlook, \$ Million, 2021- 2030
Exhibit 49: China Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 50: India Quantum Computing Outlook, \$ Million, 2021- 2030
Exhibit 51: India Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 52: Japan Quantum Computing Outlook, \$ Million, 2021- 2030
Exhibit 53: Japan Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 54: South Korea Quantum Computing Outlook, \$ Million, 2021- 2030
Exhibit 55: South Korea Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 56: South East Asia Quantum Computing Outlook, \$ Million, 2021- 2030
Exhibit 57: South East Asia Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 58: Australia Quantum Computing Outlook, \$ Million, 2021- 2030
Exhibit 59: Australia Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 60: Brazil Quantum Computing Outlook, \$ Million, 2021- 2030
Exhibit 61: Brazil Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 62: Argentina Quantum Computing Outlook, \$ Million, 2021- 2030
Exhibit 63: Argentina Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 64: Saudi Arabia Quantum Computing Outlook, \$ Million, 2021- 2030
Exhibit 65: Saudi Arabia Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 66: United Arab Emirates Quantum Computing Outlook, \$ Million, 2021- 2030
Exhibit 67: United Arab Emirates Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 68: South Africa Quantum Computing Outlook, \$ Million, 2021- 2030
Exhibit 69: South Africa Quantum Computing Outlook, year-on-year, %, 2021- 2030
Table 70: Market Entropy

I would like to order

Product name: Quantum Computing Market Size, Share, Trends, Growth, Outlook, and Insights Report, 2023- Industry Forecasts by Type, Application, Segments, Countries, and Companies, 2021- 2030

Product link: <https://marketpublishers.com/r/Q2C51350E175EN.html>

Price: US\$ 3,400.00 (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/Q2C51350E175EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970