

Global Quantum Annealing Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

https://marketpublishers.com/r/G3899E96B2DGEN.html

Date: December 2018

Pages: 124

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

ID: G3899E96B2DGEN

Abstracts

Quantum annealing is a quantum-mechanical metaheuristic (generic and approximate method) to solve combinatorial optimization and sampling problems.

SCOPE OF THE REPORT:

The global Quantum Annealing market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Quantum Annealing.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

This report studies the Quantum Annealing market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Quantum Annealing market by product type and applications/end industries.

Market Segment by Companies, this report covers







Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Maylest Commant by Type Joseph
Market Segment by Type, covers
Type I
Type II
Market Segment by Applications, can be divided into
Machine Learning
Optimization
Biomedical Simulations
Financial Services



Contents

1 QUANTUM ANNEALING MARKET OVERVIEW

- 1.1 Product Overview and Scope of Quantum Annealing
- 1.2 Classification of Quantum Annealing by Types
 - 1.2.1 Global Quantum Annealing Revenue Comparison by Types (2017-2023)
 - 1.2.2 Global Quantum Annealing Revenue Market Share by Types in 2017
 - 1.2.3 Type I
 - 1.2.4 Type II
- 1.3 Global Quantum Annealing Market by Application
- 1.3.1 Global Quantum Annealing Market Size and Market Share Comparison by Applications (2013-2023)
 - 1.3.2 Machine Learning
 - 1.3.3 Optimization
 - 1.3.4 Biomedical Simulations
 - 1.3.5 Financial Services
- 1.4 Global Quantum Annealing Market by Regions
- 1.4.1 Global Quantum Annealing Market Size (Million USD) Comparison by Regions (2013-2023)
- 1.4.1 North America (USA, Canada and Mexico) Quantum Annealing Status and Prospect (2013-2023)
- 1.4.2 Europe (Germany, France, UK, Russia and Italy) Quantum Annealing Status and Prospect (2013-2023)
- 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia) Quantum Annealing Status and Prospect (2013-2023)
- 1.4.4 South America (Brazil, Argentina, Colombia) Quantum Annealing Status and Prospect (2013-2023)
- 1.4.5 Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa) Quantum Annealing Status and Prospect (2013-2023)
- 1.5 Global Market Size of Quantum Annealing (2013-2023)

2 MANUFACTURERS PROFILES

- 2.1 IBM
 - 2.1.1 Business Overview
 - 2.1.2 Quantum Annealing Type and Applications
 - 2.1.2.1 Product A
 - 2.1.2.2 Product B



- 2.1.3 IBM Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)
- 2.2 Google (Alphabet)
 - 2.2.1 Business Overview
 - 2.2.2 Quantum Annealing Type and Applications
 - 2.2.2.1 Product A
 - 2.2.2.2 Product B
- 2.2.3 Google (Alphabet) Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)
- 2.3 Microsoft
 - 2.3.1 Business Overview
 - 2.3.2 Quantum Annealing Type and Applications
 - 2.3.2.1 Product A
 - 2.3.2.2 Product B
- 2.3.3 Microsoft Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)
- 2.4 Nokia Bell Labs
 - 2.4.1 Business Overview
 - 2.4.2 Quantum Annealing Type and Applications
 - 2.4.2.1 Product A
 - 2.4.2.2 Product B
- 2.4.3 Nokia Bell Labs Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)
- 2.5 D-Wave
 - 2.5.1 Business Overview
 - 2.5.2 Quantum Annealing Type and Applications
 - 2.5.2.1 Product A
 - 2.5.2.2 Product B
- 2.5.3 D-Wave Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)
- 2.6 Rigetti
 - 2.6.1 Business Overview
 - 2.6.2 Quantum Annealing Type and Applications
 - 2.6.2.1 Product A
 - 2.6.2.2 Product B
- 2.6.3 Rigetti Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)
- 2.7 Airbus
 - 2.7.1 Business Overview
 - 2.7.2 Quantum Annealing Type and Applications



- 2.7.2.1 Product A
- 2.7.2.2 Product B
- 2.7.3 Airbus Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)
- 2.8 Lockheed Martin
 - 2.8.1 Business Overview
 - 2.8.2 Quantum Annealing Type and Applications
 - 2.8.2.1 Product A
 - 2.8.2.2 Product B
- 2.8.3 Lockheed Martin Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)
- 2.9 Raytheon
 - 2.9.1 Business Overview
 - 2.9.2 Quantum Annealing Type and Applications
 - 2.9.2.1 Product A
 - 2.9.2.2 Product B
- 2.9.3 Raytheon Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)
- 2.10 Amgen
 - 2.10.1 Business Overview
 - 2.10.2 Quantum Annealing Type and Applications
 - 2.10.2.1 Product A
 - 2.10.2.2 Product B
- 2.10.3 Amgen Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)
- 2.11 Biogen
 - 2.11.1 Business Overview
 - 2.11.2 Quantum Annealing Type and Applications
 - 2.11.2.1 Product A
 - 2.11.2.2 Product B
- 2.11.3 Biogen Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)
- 2.12 Fujitsu
 - 2.12.1 Business Overview
 - 2.12.2 Quantum Annealing Type and Applications
 - 2.12.2.1 Product A
 - 2.12.2.2 Product B
- 2.12.3 Fujitsu Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)



- 2.13 Hitachi
 - 2.13.1 Business Overview
 - 2.13.2 Quantum Annealing Type and Applications
 - 2.13.2.1 Product A
 - 2.13.2.2 Product B
- 2.13.3 Hitachi Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)
- 2.14 NEC Corporation
 - 2.14.1 Business Overview
 - 2.14.2 Quantum Annealing Type and Applications
 - 2.14.2.1 Product A
 - 2.14.2.2 Product B
- 2.14.3 NEC Corporation Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL QUANTUM ANNEALING MARKET COMPETITION, BY PLAYERS

- 3.1 Global Quantum Annealing Revenue and Share by Players (2013-2018)
- 3.2 Market Concentration Rate
 - 3.2.1 Top 5 Quantum Annealing Players Market Share
 - 3.2.2 Top 10 Quantum Annealing Players Market Share
- 3.3 Market Competition Trend

4 GLOBAL QUANTUM ANNEALING MARKET SIZE BY REGIONS

- 4.1 Global Quantum Annealing Revenue and Market Share by Regions
- 4.2 North America Quantum Annealing Revenue and Growth Rate (2013-2018)
- 4.3 Europe Quantum Annealing Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific Quantum Annealing Revenue and Growth Rate (2013-2018)
- 4.5 South America Quantum Annealing Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa Quantum Annealing Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA QUANTUM ANNEALING REVENUE BY COUNTRIES

- 5.1 North America Quantum Annealing Revenue by Countries (2013-2018)
- 5.2 USA Quantum Annealing Revenue and Growth Rate (2013-2018)
- 5.3 Canada Quantum Annealing Revenue and Growth Rate (2013-2018)
- 5.4 Mexico Quantum Annealing Revenue and Growth Rate (2013-2018)



6 EUROPE QUANTUM ANNEALING REVENUE BY COUNTRIES

- 6.1 Europe Quantum Annealing Revenue by Countries (2013-2018)
- 6.2 Germany Quantum Annealing Revenue and Growth Rate (2013-2018)
- 6.3 UK Quantum Annealing Revenue and Growth Rate (2013-2018)
- 6.4 France Quantum Annealing Revenue and Growth Rate (2013-2018)
- 6.5 Russia Quantum Annealing Revenue and Growth Rate (2013-2018)
- 6.6 Italy Quantum Annealing Revenue and Growth Rate (2013-2018)

7 ASIA-PACIFIC QUANTUM ANNEALING REVENUE BY COUNTRIES

- 7.1 Asia-Pacific Quantum Annealing Revenue by Countries (2013-2018)
- 7.2 China Quantum Annealing Revenue and Growth Rate (2013-2018)
- 7.3 Japan Quantum Annealing Revenue and Growth Rate (2013-2018)
- 7.4 Korea Quantum Annealing Revenue and Growth Rate (2013-2018)
- 7.5 India Quantum Annealing Revenue and Growth Rate (2013-2018)
- 7.6 Southeast Asia Quantum Annealing Revenue and Growth Rate (2013-2018)

8 SOUTH AMERICA QUANTUM ANNEALING REVENUE BY COUNTRIES

- 8.1 South America Quantum Annealing Revenue by Countries (2013-2018)
- 8.2 Brazil Quantum Annealing Revenue and Growth Rate (2013-2018)
- 8.3 Argentina Quantum Annealing Revenue and Growth Rate (2013-2018)
- 8.4 Colombia Quantum Annealing Revenue and Growth Rate (2013-2018)

9 MIDDLE EAST AND AFRICA REVENUE QUANTUM ANNEALING BY COUNTRIES

- 9.1 Middle East and Africa Quantum Annealing Revenue by Countries (2013-2018)
- 9.2 Saudi Arabia Quantum Annealing Revenue and Growth Rate (2013-2018)
- 9.3 UAE Quantum Annealing Revenue and Growth Rate (2013-2018)
- 9.4 Egypt Quantum Annealing Revenue and Growth Rate (2013-2018)
- 9.5 Nigeria Quantum Annealing Revenue and Growth Rate (2013-2018)
- 9.6 South Africa Quantum Annealing Revenue and Growth Rate (2013-2018)

10 GLOBAL QUANTUM ANNEALING MARKET SEGMENT BY TYPE

- 10.1 Global Quantum Annealing Revenue and Market Share by Type (2013-2018)
- 10.2 Global Quantum Annealing Market Forecast by Type (2018-2023)
- 10.3 Type I Revenue Growth Rate (2013-2023)



10.4 Type II Revenue Growth Rate (2013-2023)

11 GLOBAL QUANTUM ANNEALING MARKET SEGMENT BY APPLICATION

- 11.1 Global Quantum Annealing Revenue Market Share by Application (2013-2018)
- 11.2 Quantum Annealing Market Forecast by Application (2018-2023)
- 11.3 Machine Learning Revenue Growth (2013-2018)
- 11.4 Optimization Revenue Growth (2013-2018)
- 11.5 Biomedical Simulations Revenue Growth (2013-2018)
- 11.6 Financial Services Revenue Growth (2013-2018)

12 GLOBAL QUANTUM ANNEALING MARKET SIZE FORECAST (2018-2023)

- 12.1 Global Quantum Annealing Market Size Forecast (2018-2023)
- 12.2 Global Quantum Annealing Market Forecast by Regions (2018-2023)
- 12.3 North America Quantum Annealing Revenue Market Forecast (2018-2023)
- 12.4 Europe Quantum Annealing Revenue Market Forecast (2018-2023)
- 12.5 Asia-Pacific Quantum Annealing Revenue Market Forecast (2018-2023)
- 12.6 South America Quantum Annealing Revenue Market Forecast (2018-2023)
- 12.7 Middle East and Africa Quantum Annealing Revenue Market Forecast (2018-2023)

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

- 14.1 Methodology
- 14.2 Data Source



List Of Tables

LIST OF TABLES AND FIGURES

Figure Quantum Annealing Picture

Table Product Specifications of Quantum Annealing

Table Global Quantum Annealing and Revenue (Million USD) Market Split by Product Type

Figure Global Quantum Annealing Revenue Market Share by Types in 2017

Figure Type I Picture

Figure Type II Picture

Table Global Quantum Annealing Revenue (Million USD) by Application (2013-2023)

Figure Quantum Annealing Revenue Market Share by Applications in 2017

Figure Machine Learning Picture

Figure Optimization Picture

Figure Biomedical Simulations Picture

Figure Financial Services Picture

Table Global Market Quantum Annealing Revenue (Million USD) Comparison by Regions 2013-2023

Figure North America Quantum Annealing Revenue (Million USD) and Growth Rate (2013-2023)

Figure Europe Quantum Annealing Revenue (Million USD) and Growth Rate (2013-2023)

Figure Asia-Pacific Quantum Annealing Revenue (Million USD) and Growth Rate (2013-2023)

Figure South America Quantum Annealing Revenue (Million USD) and Growth Rate (2013-2023)

Figure Middle East and Africa Quantum Annealing Revenue (Million USD) and Growth Rate (2013-2023)

Figure Global Quantum Annealing Revenue (Million USD) and Growth Rate (2013-2023)

Table IBM Basic Information, Manufacturing Base and Competitors

Table IBM Quantum Annealing Type and Applications

Table IBM Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)

Table Google (Alphabet) Basic Information, Manufacturing Base and Competitors

Table Google (Alphabet) Quantum Annealing Type and Applications

Table Google (Alphabet) Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)

Table Microsoft Basic Information, Manufacturing Base and Competitors



Table Microsoft Quantum Annealing Type and Applications

Table Microsoft Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)

Table Nokia Bell Labs Basic Information, Manufacturing Base and Competitors

Table Nokia Bell Labs Quantum Annealing Type and Applications

Table Nokia Bell Labs Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)

Table D-Wave Basic Information, Manufacturing Base and Competitors

Table D-Wave Quantum Annealing Type and Applications

Table D-Wave Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)

Table Rigetti Basic Information, Manufacturing Base and Competitors

Table Rigetti Quantum Annealing Type and Applications

Table Rigetti Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)

Table Airbus Basic Information, Manufacturing Base and Competitors

Table Airbus Quantum Annealing Type and Applications

Table Airbus Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)

Table Lockheed Martin Basic Information, Manufacturing Base and Competitors

Table Lockheed Martin Quantum Annealing Type and Applications

Table Lockheed Martin Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)

Table Raytheon Basic Information, Manufacturing Base and Competitors

Table Raytheon Quantum Annealing Type and Applications

Table Raytheon Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)

Table Amgen Basic Information, Manufacturing Base and Competitors

Table Amgen Quantum Annealing Type and Applications

Table Amgen Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)

Table Biogen Basic Information, Manufacturing Base and Competitors

Table Biogen Quantum Annealing Type and Applications

Table Biogen Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)

Table Fujitsu Basic Information, Manufacturing Base and Competitors

Table Fujitsu Quantum Annealing Type and Applications

Table Fujitsu Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)



Table Hitachi Basic Information, Manufacturing Base and Competitors

Table Hitachi Quantum Annealing Type and Applications

Table Hitachi Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)

Table NEC Corporation Basic Information, Manufacturing Base and Competitors

Table NEC Corporation Quantum Annealing Type and Applications

Table NEC Corporation Quantum Annealing Revenue, Gross Margin and Market Share (2016-2017)

Table Global Quantum Annealing Revenue (Million USD) by Players (2013-2018)

Table Global Quantum Annealing Revenue Share by Players (2013-2018)

Figure Global Quantum Annealing Revenue Share by Players in 2016

Figure Global Quantum Annealing Revenue Share by Players in 2017

Figure Global Top 5 Players Quantum Annealing Revenue Market Share in 2017

Figure Global Top 10 Players Quantum Annealing Revenue Market Share in 2017

Figure Global Quantum Annealing Revenue (Million USD) and Growth Rate (%) (2013-2018)

Table Global Quantum Annealing Revenue (Million USD) by Regions (2013-2018)

Table Global Quantum Annealing Revenue Market Share by Regions (2013-2018)

Figure Global Quantum Annealing Revenue Market Share by Regions (2013-2018)

Figure Global Quantum Annealing Revenue Market Share by Regions in 2017

Figure North America Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure Europe Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure South America Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure Middle East and Africa Quantum Annealing Revenue and Growth Rate (2013-2018)

Table North America Quantum Annealing Revenue by Countries (2013-2018)

Table North America Quantum Annealing Revenue Market Share by Countries (2013-2018)

Figure North America Quantum Annealing Revenue Market Share by Countries (2013-2018)

Figure North America Quantum Annealing Revenue Market Share by Countries in 2017

Figure USA Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure Canada Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure Mexico Quantum Annealing Revenue and Growth Rate (2013-2018)

Table Europe Quantum Annealing Revenue (Million USD) by Countries (2013-2018)

Figure Europe Quantum Annealing Revenue Market Share by Countries (2013-2018)

Figure Europe Quantum Annealing Revenue Market Share by Countries in 2017

Figure Germany Quantum Annealing Revenue and Growth Rate (2013-2018)



Figure UK Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure France Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure Russia Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure Italy Quantum Annealing Revenue and Growth Rate (2013-2018)

Table Asia-Pacific Quantum Annealing Revenue (Million USD) by Countries (2013-2018)

Figure Asia-Pacific Quantum Annealing Revenue Market Share by Countries (2013-2018)

Figure Asia-Pacific Quantum Annealing Revenue Market Share by Countries in 2017

Figure China Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure Japan Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure Korea Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure India Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure Southeast Asia Quantum Annealing Revenue and Growth Rate (2013-2018)

Table South America Quantum Annealing Revenue by Countries (2013-2018)

Table South America Quantum Annealing Revenue Market Share by Countries (2013-2018)

Figure South America Quantum Annealing Revenue Market Share by Countries (2013-2018)

Figure South America Quantum Annealing Revenue Market Share by Countries in 2017

Figure Brazil Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure Argentina Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure Colombia Quantum Annealing Revenue and Growth Rate (2013-2018)

Table Middle East and Africa Quantum Annealing Revenue (Million USD) by Countries (2013-2018)

Table Middle East and Africa Quantum Annealing Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Quantum Annealing Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Quantum Annealing Revenue Market Share by Countries in 2017

Figure Saudi Arabia Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure UAE Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure Egypt Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure Nigeria Quantum Annealing Revenue and Growth Rate (2013-2018)

Figure South Africa Quantum Annealing Revenue and Growth Rate (2013-2018)

Table Global Quantum Annealing Revenue (Million USD) by Type (2013-2018)

Table Global Quantum Annealing Revenue Share by Type (2013-2018)

Figure Global Quantum Annealing Revenue Share by Type (2013-2018)



Figure Global Quantum Annealing Revenue Share by Type in 2017

Table Global Quantum Annealing Revenue Forecast by Type (2018-2023)

Figure Global Quantum Annealing Market Share Forecast by Type (2018-2023)

Figure Global Type I Revenue Growth Rate (2013-2018)

Figure Global Type II Revenue Growth Rate (2013-2018)

Table Global Quantum Annealing Revenue by Application (2013-2018)

Table Global Quantum Annealing Revenue Share by Application (2013-2018)

Figure Global Quantum Annealing Revenue Share by Application (2013-2018)

Figure Global Quantum Annealing Revenue Share by Application in 2017

Table Global Quantum Annealing Revenue Forecast by Application (2018-2023)

Figure Global Quantum Annealing Market Share Forecast by Application (2018-2023)

Figure Global Machine Learning Revenue Growth Rate (2013-2018)

Figure Global Optimization Revenue Growth Rate (2013-2018)

Figure Global Biomedical Simulations Revenue Growth Rate (2013-2018)

Figure Global Financial Services Revenue Growth Rate (2013-2018)

Figure Global Quantum Annealing Revenue (Million USD) and Growth Rate Forecast (2018 -2023)

Table Global Quantum Annealing Revenue (Million USD) Forecast by Regions (2018-2023)

Figure Global Quantum Annealing Revenue Market Share Forecast by Regions (2018-2023)

Figure North America Quantum Annealing Revenue Market Forecast (2018-2023)

Figure Europe Quantum Annealing Revenue Market Forecast (2018-2023)

Figure Asia-Pacific Quantum Annealing Revenue Market Forecast (2018-2023)

Figure South America Quantum Annealing Revenue Market Forecast (2018-2023)

Figure Middle East and Africa Quantum Annealing Revenue Market Forecast (2018-2023)



I would like to order

Product name: Global Quantum Annealing Market 2018 by Manufacturers, Countries, Type and

Application, Forecast to 2023

Product link: https://marketpublishers.com/r/G3899E96B2DGEN.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

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G3899E96B2DGEN.html

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

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer 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

