

Global Quantum Computing Technologies Market Size study, by Application (Optimization, Machine Learning, Simulation), by Vertical (BFSI, IT and Telecommunication, Healthcare, Transportation, Government, Aerospace & Defense, Others) and Regional Forecasts 2019-2026

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Abstracts

Global Quantum Computing Technologies Market valued approximately USD 75.0 million in 2018 is anticipated to grow with a healthy growth rate of more than 24.0% over the forecast period 2019-2026. The Quantum Computing Technologies Market is continuously growing in the global scenario at significant pace. As it is recognized as a computer technology based on the principles of quantum theory, which explains the nature and behavior of energy and matter on the quantum level. A Quantum computer follows the laws of quantum physics through which it can gain enormous power, have the ability to be in multiple states and perform tasks using all possible permutations simultaneously. Surging implementation of machine learning by quantum computer, escalating application in cryptography and capability in simulating intricate systems are the substantial driving factors of the market during the forecast period. Moreover, rising adoption & utility in cyber security is the factors that likely to create numerous opportunity in the near future. However, lack of skilled professionals is one of the major factors that restraining the growth of the market during the forecast period.

The regional analysis of Global Quantum Computing Technologies Market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading/significant region across the world in terms of market share due to increasing usage of quantum computers by government agencies and aerospace & defense for machine learning in the region. Europe is

estimated to grow at second largest region in the global Quantum Computing Technologies market over the upcoming years. Further, Asia-Pacific is anticipated to exhibit higher growth rate / CAGR over the forecast period 2019-2026 due to rising adoption of quantum computers by BFSI sectors in the region.

The major market player included in this report are:

D-Wave Systems Inc.
IBM Corporation
Lockheed Martin Corporation
Intel Corporation
Anyon Systems Inc.
Cambridge Quantum Computing Limited

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Optimization
Machine Learning
Simulation

By Vertical:

BFSI
IT and Telecommunication
Healthcare
Transportation
Government
Aerospace & Defense
Others

By Regions:

North America

U.S.

Canada

Europe

UK

Germany

Asia Pacific

China

India

Japan

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2016, 2017

Base year – 2018

Forecast period – 2019 to 2026

Target Audience of the Global Quantum Computing Technologies Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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