

Global Quantum Computing Market 2022 - Industry Briefing

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Abstracts

According to latest analysis by Gen Consulting Company, the global quantum computing market is poised to grow by USD 1,841 million during 2022-2028, progressing at a CAGR of 29.4% during the forecast period.

This industry report offers market estimates of the global market, followed by a detailed analysis of the product, technology, deployment mode, application, end user, and region. The global market data on quantum computing can be segmented by product: services, systems. According to the research, the services segment had the largest share in the global quantum computing market. Quantum computing market is further segmented by technology: quantum annealing, superconducting qubits, trapped ions, others. In 2021, the superconducting qubits segment made up the largest share of revenue generated by the quantum computing market. Based on deployment mode, the quantum computing market is segmented into: on-premise, cloud. Among these, the cloud segment was accounted for the highest revenue generator in 2021. On the basis of application, the quantum computing market also can be divided into: quantum cryptography, quantum simulation, quantum-assisted machine learning, quantum-assisted optimization. The quantum-assisted optimization segment captured the largest share of the market in 2021. Quantum computing market by end user is categorized into: academia and research institutions, BFSI, energy and power, government, healthcare and pharmaceuticals, IT and telecom, space and defense, others. The quantum computing market by region can be segmented into: Asia Pacific, Europe, North America, Rest of the World (RoW).

The services market is further segmented into quantum computing as a service (QCaaS), consulting services. Gen Consulting Company research indicates that the QCaaS segment occupied the largest share of this market in 2021 and is expected to

draw the highest demand in coming years.

The global quantum computing market is highly competitive. Key companies profiled in the report include 1QB Information Technologies Inc. (1QBit), Accenture LLP, Alibaba Group Holding Limited, Alphabet Inc. (Google LLC), Amazon.com Inc., Atos SE, ColdQuanta Inc., D-Wave Systems Inc., Honeywell International Inc., Huawei Technologies Co. Ltd., IBM Corporation, IonQ Inc., ISARA Corporation, Microsoft Corporation, Rigetti Computing Inc., Xanadu Quantum Technologies Inc., Zapata Computing Inc.

The data-centric report focuses on market trends, status and outlook for segments. With comprehensive market assessment across the major geographies, the report is a valuable asset for the existing players, new entrants and the future investors.

Why buy this report?

Get a detailed picture of the Global Quantum Computing Market

Identify segments/areas to invest in over the forecast period in the Global Quantum Computing Market

Understand the competitive environment, the market's leading players

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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1QB Information Technologies, Inc. (1QBit)

Accenture LLP

Alibaba Group Holding Limited

Alphabet Inc. (Google LLC)

Amazon.com, Inc.

Atos SE

ColdQuanta, Inc.

D-Wave Systems Inc.

Honeywell International Inc.

Huawei Technologies Co., Ltd.

IBM Corporation

IonQ, Inc.

ISARA Corporation

Microsoft Corporation

Rigetti Computing, Inc.

Xanadu Quantum Technologies Inc.

Zapata Computing, Inc.

PART 11. METHODOLOGY

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