

Quantum Computing: Technologies and Global Markets to 2026

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Abstracts

Report Scope:

This report provides an overview of the global market for quantum computing and analyzes market trends. Using 2020 as the base year, the report provides estimated market data for the forecast period 2021 through 2026. Revenue forecasts for this period are segmented based on offering, deployment, technology, application, end-user industry and region.

The report also focuses on the major trends and challenges that affect the market and the competitive landscape. It explains the current market trends and provides detailed profiles of the major players and the strategies they adopt to enhance their market presence. The report estimates the size of the global quantum computing market in 2020 and provides projections of the expected market size through 2026.

Report Includes:

59 data tables and 54 additional tables

An updated review of the global markets for commercial quantum computing technologies

Analyses of the global market trends, with data from 2020 to 2021, estimates for 2022 and 2024, along with projections of compound annual growth rates (CAGRs) through 2026

Evaluation and forecast the global quantum computing market size in dollar

value terms, and corresponding market share analysis by offering, technology, deployment, application, end-user industry and region

Identification of the quantum computing technologies and products with the greatest commercial potential

Technology assessment of the key drivers and constraints that will shape the market for quantum computing over the next ten years

Understanding of the upcoming market opportunities and areas of focus to forecast the market into various segments and sub-segments

Highlights of COVID-19 implications on the progress of this market

Identification of the companies best positioned to meet this demand because of their proprietary technologies, strategic alliances or other advantages

Review of the key patent grants and new technologies in the quantum computing sector

Insight into the recent industry strategies, such as M&A deals, joint ventures, collaborations, and license agreements currently focused on commercial quantum computing products and service

Company profiles of the key industry players, including Alphabet Inc., Cambridge Quantum Computing, Honeywell International Inc., International Business Machines (IBM) Corp., Microsoft Corp. and Toshiba Corp.

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ATOS SE
CAMBRIDGE QUANTUM COMPUTING
COLDQUANTA INC.
D-WAVE SYSTEMS INC.
HONEYWELL INTERNATIONAL INC.
HUAWEI TECHNOLOGIES CO., LTD.
INTERNATIONAL BUSINESS MACHINES (IBM) CORP.
ISARA CORP.
IONQ INC.
MICROSOFT CORP.
QC WARE CORP.
RIGETTI COMPUTING INC.

Q-CTRL PTY LTD.

QU & CO BV

TOSHIBA CORP.

XANADU QUANTUM TECHNOLOGIES INC.

ZAPATA COMPUTING INC.

Diversified Players in Quantum Computing

ACCENTURE LLP

AIRBUS SE

ALIBABA HOLDING GROUP LTD.

AMGEN INC.

BIOGEN INC.

BOOZ ALLEN HAMILTON HOLDING CORP.

COMMONWEALTH BANK OF AUSTRALIA

EVOLUTIONQ INC.

HEWLETT PACKARD (HP) INC.

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BERKELEY QUANTUM INFORMATION AND COMPUTATION CENTER

CENTER FOR QUANTUM DEVICES

CENTRE FOR QUANTUM COMPUTATION AND COMMUNICATION TECHNOLOGY
(CQC2T)

CENTER FOR QUANTUM INFORMATION AND CONTROL

CENTER FOR QUANTUM PHOTONICS (CQP)

CENTRE FOR QUANTUM TECHNOLOGIES (CQT)

CENTER FOR QUANTUM SOFTWARE AND INFORMATION

CENTER FOR SPINTRONICS AND QUANTUM COMPUTATION (CSQC)

CHICAGO QUANTUM EXCHANGE (CQE)

COMPUTATIONAL AND DATA INTENSIVE PHYSICS GROUP

DNA-SEQ ALLIANCE

INFORMATION SCIENCES INSTITUTE (ISI)
INSTITUT QUANTIQUE
INSTITUTE FOR QUANTUM COMPUTING (IQC)
INSTITUTE FOR QUANTUM INFORMATION AND MATTER (IQIM)
INSTITUTE FOR QUANTUM OPTICS AND QUANTUM INFORMATION (IQOQI)
ION QUANTUM TECHNOLOGY (IQT) GROUP
JOINT CENTER FOR QUANTUM INFORMATION AND COMPUTER SCIENCE
JOINT INSTITUTE FOR LABORATORY ASTROPHYSICS (JILA)
KEY LABORATORY OF QUANTUM INFORMATION
LOS ALAMOS NATIONAL LABORATORY (LANL)
NATIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY (NIST)
NETWORKED QUANTUM INFORMATION TECHNOLOGIES (NQIT)
OXFORD QUANTUM
QUANTUM INFORMATION AND INTEGRATED NANOSYSTEMS GROUP
QUANTUM ARTIFICIAL INTELLIGENCE LAB (QUAIL)
QUANTUM SCIENCE AND TECHNOLOGY INSTITUTE (UCLQ)
QUANTUM SCIENCE RESEARCH GROUP
QUANTUM SYSTEMS GROUP (QSG)
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UNIVERSITIES SPACE RESEARCH ASSOCIATION (USRA)

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IBM Corp.

Quantum Valley Investment Fund LP

IonQ Inc.

QC Ware Corp.

Rigetti Co. Inc.

Samsung SDS Co., Ltd.

Xanadu Quantum Technologies Inc.

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