

Quantum Materials Market - 2025-2033

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Abstracts

The Quantum Materials Market was valued at US\$ 13.32 billion in 2025 and is anticipated to reach US\$ 96.9 billion by 2033, at a CAGR of 0.391 from 2026 to 2032.

The report delivers in-depth insights into key market dynamics, including regional growth trends, market segmentation, CAGR projections, and the revenue performance of leading industry players. It also highlights major growth drivers shaping the market landscape. Designed to provide a clear and comprehensive perspective, the report offers a detailed view of the current market size in terms of both value and volume, along with emerging opportunities and the overall development outlook of the Quantum Materials Market.

This report delivers a comprehensive overview of the Quantum Materials Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Quantum Materials Market. The Quantum Materials Market size, estimates, and forecasts are provided in terms of output/shipments (K MT) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2025–2033.

Quantum Materials Market Scope:

By Material

Topological Insulators

Graphene and 2D Materials

By Application

Quantum Computing

Quantum Sensing & Metrology

Optoelectronics

Medical & Life Sciences

Others

By End-User

IT & Telecommunications

Healthcare & Life Sciences

Aerospace & Defense

Automotive & Transportation

Electronics & Semiconductors

Energy & Power

Others

Key Players

IBM Corporation

Intel Corporation

IonQ Inc.

Silicon Quantum Computing

Huawei Technologies Co. Ltd

Alphabet Inc.

Rigetti & Co, LLC

Microsoft Corporation

D-Wave Quantum Inc

Zapata Computing Inc.

Major Highlights

This report delivers a comprehensive overview of the Quantum Materials Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Quantum Materials Market. The Quantum Materials Market size, estimates, and forecasts are provided in terms of output/shipments (K Sqm) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2025–2033.

This report will assist keyword manufacturers, new entrants, and companies across the industry value chain with information on revenues, production, and average prices for the overall market and its sub-segments, by company, by Type, by Application, and by region.

Regional Analysis:

North America (U.S., Canada, Mexico)

Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)

Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)

South America (Colombia, Brazil, Argentina, Rest of South America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

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Target Audience 2026

Manufacturers/ Buyers

Industry Investors/Investment Bankers

Research Professionals

Emerging Companies

Contents

1. METHODOLOGY AND SCOPE

- 1.1. Research Methodology
- 1.2. Research Objective and Scope of the Report

2. DEFINITION AND OVERVIEW

3. EXECUTIVE SUMMARY

- 3.1. Snippet by Material
- 3.2. Snippet by Application
- 3.3. Snippet by End-User
- 3.4. Snippet by Region

4. DYNAMICS

- 4.1. Impacting Factors
 - 4.1.1. Drivers
 - 4.1.1.1. Rising Investments in Quantum Computing and Advanced Technologies
 - 4.1.2. Restraints
 - 4.1.2.1. High Production Costs
 - 4.1.3. Opportunity
 - 4.1.4. Impact Analysis

5. INDUSTRY ANALYSIS

- 5.1. Porter's Five Force Analysis
- 5.2. Supply Chain Analysis
- 5.3. Pricing Analysis
- 5.4. Regulatory Analysis
- 5.5. Sustainability Analysis
- 5.6. DMI Opinion

6. BY MATERIAL

- 6.1. Introduction
 - 6.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Material

- 6.1.2. Market Attractiveness Index, By Material
- 6.2. Topological Insulators*
 - 6.2.1. Introduction
 - 6.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 6.3. Graphene and 2D Materials
 - 6.3.1. Weyl Semimetals
 - 6.3.2. Quantum Dots
 - 6.3.3. High-Temperature Superconductors
 - 6.3.4. Photonic Quantum Materials
 - 6.3.5. Others

7. BY APPLICATION

- 7.1. Introduction
 - 7.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application
 - 7.1.2. Market Attractiveness Index, By Application
- 7.2. Quantum Computing*
 - 7.2.1. Introduction
 - 7.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 7.3. Quantum Sensing & Metrology
- 7.4. Optoelectronics
- 7.5. Medical & Life Sciences
- 7.6. Others

8. BY END-USER

- 8.1. Introduction
 - 8.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User
 - 8.1.2. Market Attractiveness Index, By End-User
- 8.2. IT & Telecommunications*
 - 8.2.1. Introduction
 - 8.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 8.3. Healthcare & Life Sciences
- 8.4. Aerospace & Defense
- 8.5. Automotive & Transportation
- 8.6. Electronics & Semiconductors
- 8.7. Energy & Power
- 8.8. Others

9. BY REGION

9.1. Introduction

9.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Region

9.1.2. Market Attractiveness Index, By Region

9.2. North America

9.2.1. Introduction

9.2.2. Key Region-Specific Dynamics

9.2.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Material

9.2.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

9.2.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

9.2.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

9.2.6.1. US

9.2.6.2. Canada

9.2.6.3. Mexico

9.3. Europe

9.3.1. Introduction

9.3.2. Key Region-Specific Dynamics

9.3.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Material

9.3.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

9.3.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

9.3.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

9.3.6.1. Germany

9.3.6.2. UK

9.3.6.3. France

9.3.6.4. Italy

9.3.6.5. Spain

9.3.6.6. Rest of Europe

9.4. South America

9.4.1. Introduction

9.4.2. Key Region-Specific Dynamics

9.4.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Material

9.4.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

9.4.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

9.4.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

9.4.6.1. Brazil

9.4.6.2. Argentina

9.4.6.3. Rest of South America

9.5. Asia-Pacific

9.5.1. Introduction

9.5.2. Key Region-Specific Dynamics

9.5.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Material

9.5.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

9.5.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

9.5.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

9.5.6.1. China

9.5.6.2. India

9.5.6.3. Japan

9.5.6.4. Australia

9.5.6.5. Rest of Asia-Pacific

9.6. Middle East and Africa

9.6.1. Introduction

9.6.2. Key Region-Specific Dynamics

9.6.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Material

9.6.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

9.6.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

10. COMPETITIVE LANDSCAPE

10.1. Competitive Scenario

10.2. Market Positioning/Share Analysis

10.3. Mergers and Acquisitions Analysis

11. COMPANY PROFILES

11.1. IBM Corporation*

11.1.1. Company Overview

11.1.2. Product Portfolio and Description

11.1.3. Financial Overview

11.1.4. Key Developments

11.2. Intel Corporation

11.3. IonQ Inc.

11.4. Silicon Quantum Computing

11.5. Huawei Technologies Co. Ltd

11.6. Alphabet Inc.

11.7. Rigetti & Co, LLC

11.8. Microsoft Corporation

11.9. D-Wave Quantum Inc

11.10. Zapata Computing Inc. (*LIST NOT EXHAUSTIVE)

12. APPENDIX

12.1. About Us and Services

12.2. Contact Us

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