

# Global Integrated Photonic Quantum Computing Core Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GDD2923B9079EN.html>

Date: January 2026

Pages: 92

Price: US\$ 4,480.00 (Single User License)

ID: GDD2923B9079EN

## Abstracts

The global Integrated Photonic Quantum Computing Core market size is expected to reach \$ 2593 million by 2032, rising at a market growth of 19.5% CAGR during the forecast period (2026-2032).

An integrated photonic quantum computing core refers to a core computing unit that integrates all key quantum functions, such as single-photon generation, quantum state manipulation, interference operations, and measurement readout, onto a single photonic chip. Essentially, it achieves controllable interference and entanglement evolution of multi-photon quantum states within the chip through ultra-low-loss waveguides, programmable phase modulators, and highly consistent beam-splitting networks. Based on the long coherence time and room-temperature operability of photons, this core emphasizes large-scale scalability and semiconductor process compatibility, serving as a crucial technological hub for the transition of optical quantum computing from experimental optical platforms to engineering, large-scale deployment, and industrialization.

This report studies the global Integrated Photonic Quantum Computing Core demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Integrated Photonic Quantum Computing Core, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Integrated Photonic Quantum Computing Core that contribute to its increasing demand across many markets.

## Highlights and key features of the study

Global Integrated Photonic Quantum Computing Core total market, 2021-2032, (USD Million)

Global Integrated Photonic Quantum Computing Core total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: Integrated Photonic Quantum Computing Core total market, key domestic companies, and share, (USD Million)

Global Integrated Photonic Quantum Computing Core revenue by player, revenue and market share 2021-2026, (USD Million)

Global Integrated Photonic Quantum Computing Core total market by Type, CAGR, 2021-2032, (USD Million)

Global Integrated Photonic Quantum Computing Core total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global Integrated Photonic Quantum Computing Core market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Xanadu, PsiQuantum, TuringQ Co.,Ltd., Hefei Guizhen Chip Technology Co., Ltd., Beijing QBoson Quantum Technology Co.,Ltd., QuiX Quantum, Quandela, Photonic, CHIPX, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the world Integrated Photonic Quantum Computing Core market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

## Global Integrated Photonic Quantum Computing Core Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Integrated Photonic Quantum Computing Core Market, Segmentation by Type:

Continuous-Variable Photonic Quantum Computing

Discrete-Variable / Single-Photon Quantum Computing

## Global Integrated Photonic Quantum Computing Core Market, Segmentation by Position In the Value Chain:

Photonic Quantum Computer System Providers

Photonic Quantum Chip / Processor Developers

## Global Integrated Photonic Quantum Computing Core Market, Segmentation by Application Focus:

Universal Quantum Computing

Quantum Communication & Security

Research & Industrial Prototyping

Global Integrated Photonic Quantum Computing Core Market, Segmentation by Application:

Photonic Quantum Computing

Photonic Quantum Simulation

Quantum Cloud Platform

Companies Profiled:

Xanadu

PsiQuantum

TuringQ Co.,Ltd.

Hefei Guizhen Chip Technology Co., Ltd.

Beijing QBoson Quantum Technology Co.,Ltd.

QuiX Quantum

Quandela

Photonic

CHIPX

Key Questions Answered

1. How big is the global Integrated Photonic Quantum Computing Core market?

2. What is the demand of the global Integrated Photonic Quantum Computing Core market?
3. What is the year over year growth of the global Integrated Photonic Quantum Computing Core market?
4. What is the total value of the global Integrated Photonic Quantum Computing Core market?
5. Who are the Major Players in the global Integrated Photonic Quantum Computing Core market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

1.1 Integrated Photonic Quantum Computing Core Introduction

1.2 World Integrated Photonic Quantum Computing Core Market Size & Forecast (2021 & 2025 & 2032)

1.3 World Integrated Photonic Quantum Computing Core Total Market by Region (by Headquarter Location)

1.3.1 World Integrated Photonic Quantum Computing Core Market Size by Region (2021-2032), (by Headquarter Location)

1.3.2 United States Based Company Integrated Photonic Quantum Computing Core Revenue (2021-2032)

1.3.3 China Based Company Integrated Photonic Quantum Computing Core Revenue (2021-2032)

1.3.4 Europe Based Company Integrated Photonic Quantum Computing Core Revenue (2021-2032)

1.3.5 Japan Based Company Integrated Photonic Quantum Computing Core Revenue (2021-2032)

1.3.6 South Korea Based Company Integrated Photonic Quantum Computing Core Revenue (2021-2032)

1.3.7 ASEAN Based Company Integrated Photonic Quantum Computing Core Revenue (2021-2032)

1.3.8 India Based Company Integrated Photonic Quantum Computing Core Revenue (2021-2032)

1.4 Market Drivers, Restraints and Trends

1.4.1 Integrated Photonic Quantum Computing Core Market Drivers

1.4.2 Factors Affecting Demand

1.4.3 Major Market Trends

### 2 DEMAND SUMMARY

2.1 World Integrated Photonic Quantum Computing Core Consumption Value (2021-2032)

2.2 World Integrated Photonic Quantum Computing Core Consumption Value by Region

2.2.1 World Integrated Photonic Quantum Computing Core Consumption Value by Region (2021-2026)

2.2.2 World Integrated Photonic Quantum Computing Core Consumption Value Forecast by Region (2027-2032)

2.3 United States Integrated Photonic Quantum Computing Core Consumption Value (2021-2032)

2.4 China Integrated Photonic Quantum Computing Core Consumption Value (2021-2032)

2.5 Europe Integrated Photonic Quantum Computing Core Consumption Value (2021-2032)

2.6 Japan Integrated Photonic Quantum Computing Core Consumption Value (2021-2032)

2.7 South Korea Integrated Photonic Quantum Computing Core Consumption Value (2021-2032)

2.8 ASEAN Integrated Photonic Quantum Computing Core Consumption Value (2021-2032)

2.9 India Integrated Photonic Quantum Computing Core Consumption Value (2021-2032)

### **3 WORLD INTEGRATED PHOTONIC QUANTUM COMPUTING CORE COMPANIES COMPETITIVE ANALYSIS**

3.1 World Integrated Photonic Quantum Computing Core Revenue by Player (2021-2026)

3.2 Industry Rank and Concentration Rate (CR)

3.2.1 Global Integrated Photonic Quantum Computing Core Industry Rank of Major Players

3.2.2 Global Concentration Ratios (CR4) for Integrated Photonic Quantum Computing Core in 2025

3.2.3 Global Concentration Ratios (CR8) for Integrated Photonic Quantum Computing Core in 2025

3.3 Integrated Photonic Quantum Computing Core Company Evaluation Quadrant

3.4 Integrated Photonic Quantum Computing Core Market: Overall Company Footprint Analysis

3.4.1 Integrated Photonic Quantum Computing Core Market: Region Footprint

3.4.2 Integrated Photonic Quantum Computing Core Market: Company Product Type Footprint

3.4.3 Integrated Photonic Quantum Computing Core Market: Company Product Application Footprint

3.5 Competitive Environment

3.5.1 Historical Structure of the Industry

3.5.2 Barriers of Market Entry

3.5.3 Factors of Competition

### 3.6 Mergers & Acquisitions Activity

## **4 UNITED STATES VS CHINA VS REST OF WORLD (BY HEADQUARTER LOCATION)**

### 4.1 United States VS China: Integrated Photonic Quantum Computing Core Revenue Comparison (by Headquarter Location)

#### 4.1.1 United States VS China: Integrated Photonic Quantum Computing Core Revenue Comparison (2021 & 2025 & 2032) (by Headquarter Location)

#### 4.1.2 United States VS China: Integrated Photonic Quantum Computing Core Revenue Market Share Comparison (2021 & 2025 & 2032)

### 4.2 United States Based Companies VS China Based Companies: Integrated Photonic Quantum Computing Core Consumption Value Comparison

#### 4.2.1 United States VS China: Integrated Photonic Quantum Computing Core Consumption Value Comparison (2021 & 2025 & 2032)

#### 4.2.2 United States VS China: Integrated Photonic Quantum Computing Core Consumption Value Market Share Comparison (2021 & 2025 & 2032)

### 4.3 United States Based Integrated Photonic Quantum Computing Core Companies and Market Share, 2021-2026

#### 4.3.1 United States Based Integrated Photonic Quantum Computing Core Companies, Headquarters (States, Country)

#### 4.3.2 United States Based Companies Integrated Photonic Quantum Computing Core Revenue, (2021-2026)

### 4.4 China Based Companies Integrated Photonic Quantum Computing Core Revenue and Market Share, 2021-2026

#### 4.4.1 China Based Integrated Photonic Quantum Computing Core Companies, Company Headquarters (Province, Country)

#### 4.4.2 China Based Companies Integrated Photonic Quantum Computing Core Revenue, (2021-2026)

### 4.5 Rest of World Based Integrated Photonic Quantum Computing Core Companies and Market Share, 2021-2026

#### 4.5.1 Rest of World Based Integrated Photonic Quantum Computing Core Companies, Headquarters (Province, Country)

#### 4.5.2 Rest of World Based Companies Integrated Photonic Quantum Computing Core Revenue (2021-2026)

## **5 MARKET ANALYSIS BY TYPE**

### 5.1 World Integrated Photonic Quantum Computing Core Market Size Overview by

Type: 2021 VS 2025 VS 2032

## 5.2 Segment Introduction by Type

5.2.1 Continuous-Variable Photonic Quantum Computing

5.2.2 Discrete-Variable / Single-Photon Quantum Computing

## 5.3 Market Segment by Type

5.3.1 World Integrated Photonic Quantum Computing Core Market Size by Type (2021-2026)

5.3.2 World Integrated Photonic Quantum Computing Core Market Size by Type (2027-2032)

5.3.3 World Integrated Photonic Quantum Computing Core Market Size Market Share by Type (2027-2032)

## 6 MARKET ANALYSIS BY POSITION IN THE VALUE CHAIN

6.1 World Integrated Photonic Quantum Computing Core Market Size Overview by Position In the Value Chain: 2021 VS 2025 VS 2032

## 6.2 Segment Introduction by Position In the Value Chain

6.2.1 Photonic Quantum Computer System Providers

6.2.2 Photonic Quantum Chip / Processor Developers

## 6.3 Market Segment by Position In the Value Chain

6.3.1 World Integrated Photonic Quantum Computing Core Market Size by Position In the Value Chain (2021-2026)

6.3.2 World Integrated Photonic Quantum Computing Core Market Size by Position In the Value Chain (2027-2032)

6.3.3 World Integrated Photonic Quantum Computing Core Market Size Market Share by Position In the Value Chain (2027-2032)

## 7 MARKET ANALYSIS BY APPLICATION FOCUS

7.1 World Integrated Photonic Quantum Computing Core Market Size Overview by Application Focus: 2021 VS 2025 VS 2032

## 7.2 Segment Introduction by Application Focus

7.2.1 Universal Quantum Computing

7.2.2 Quantum Communication & Security

7.2.3 Research & Industrial Prototyping

## 7.3 Market Segment by Application Focus

7.3.1 World Integrated Photonic Quantum Computing Core Market Size by Application Focus (2021-2026)

7.3.2 World Integrated Photonic Quantum Computing Core Market Size by Application

Focus (2027-2032)

7.3.3 World Integrated Photonic Quantum Computing Core Market Size Market Share by Application Focus (2027-2032)

## **8 MARKET ANALYSIS BY APPLICATION**

8.1 World Integrated Photonic Quantum Computing Core Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Photonic Quantum Computing

8.2.2 Photonic Quantum Simulation

8.2.3 Quantum Cloud Platform

8.3 Market Segment by Application

8.3.1 World Integrated Photonic Quantum Computing Core Market Size by Application (2021-2026)

8.3.2 World Integrated Photonic Quantum Computing Core Market Size by Application (2027-2032)

8.3.3 World Integrated Photonic Quantum Computing Core Market Size Market Share by Application (2021-2032)

## **9 COMPANY PROFILES**

9.1 Xanadu

9.1.1 Xanadu Details

9.1.2 Xanadu Major Business

9.1.3 Xanadu Integrated Photonic Quantum Computing Core Product and Services

9.1.4 Xanadu Integrated Photonic Quantum Computing Core Revenue, Gross Margin and Market Share (2021-2026)

9.1.5 Xanadu Recent Developments/Updates

9.1.6 Xanadu Competitive Strengths & Weaknesses

9.2 PsiQuantum

9.2.1 PsiQuantum Details

9.2.2 PsiQuantum Major Business

9.2.3 PsiQuantum Integrated Photonic Quantum Computing Core Product and Services

9.2.4 PsiQuantum Integrated Photonic Quantum Computing Core Revenue, Gross Margin and Market Share (2021-2026)

9.2.5 PsiQuantum Recent Developments/Updates

9.2.6 PsiQuantum Competitive Strengths & Weaknesses

### 9.3 TuringQ Co.,Ltd.

9.3.1 TuringQ Co.,Ltd. Details

9.3.2 TuringQ Co.,Ltd. Major Business

9.3.3 TuringQ Co.,Ltd. Integrated Photonic Quantum Computing Core Product and Services

9.3.4 TuringQ Co.,Ltd. Integrated Photonic Quantum Computing Core Revenue, Gross Margin and Market Share (2021-2026)

9.3.5 TuringQ Co.,Ltd. Recent Developments/Updates

9.3.6 TuringQ Co.,Ltd. Competitive Strengths & Weaknesses

### 9.4 Hefei Guizhen Chip Technology Co., Ltd.

9.4.1 Hefei Guizhen Chip Technology Co., Ltd. Details

9.4.2 Hefei Guizhen Chip Technology Co., Ltd. Major Business

9.4.3 Hefei Guizhen Chip Technology Co., Ltd. Integrated Photonic Quantum Computing Core Product and Services

9.4.4 Hefei Guizhen Chip Technology Co., Ltd. Integrated Photonic Quantum Computing Core Revenue, Gross Margin and Market Share (2021-2026)

9.4.5 Hefei Guizhen Chip Technology Co., Ltd. Recent Developments/Updates

9.4.6 Hefei Guizhen Chip Technology Co., Ltd. Competitive Strengths & Weaknesses

### 9.5 Beijing QBoson Quantum Technology Co.,Ltd.

9.5.1 Beijing QBoson Quantum Technology Co.,Ltd. Details

9.5.2 Beijing QBoson Quantum Technology Co.,Ltd. Major Business

9.5.3 Beijing QBoson Quantum Technology Co.,Ltd. Integrated Photonic Quantum Computing Core Product and Services

9.5.4 Beijing QBoson Quantum Technology Co.,Ltd. Integrated Photonic Quantum Computing Core Revenue, Gross Margin and Market Share (2021-2026)

9.5.5 Beijing QBoson Quantum Technology Co.,Ltd. Recent Developments/Updates

9.5.6 Beijing QBoson Quantum Technology Co.,Ltd. Competitive Strengths &

Weaknesses

### 9.6 QuiX Quantum

9.6.1 QuiX Quantum Details

9.6.2 QuiX Quantum Major Business

9.6.3 QuiX Quantum Integrated Photonic Quantum Computing Core Product and Services

9.6.4 QuiX Quantum Integrated Photonic Quantum Computing Core Revenue, Gross Margin and Market Share (2021-2026)

9.6.5 QuiX Quantum Recent Developments/Updates

9.6.6 QuiX Quantum Competitive Strengths & Weaknesses

### 9.7 Quandela

9.7.1 Quandela Details

- 9.7.2 Quandela Major Business
- 9.7.3 Quandela Integrated Photonic Quantum Computing Core Product and Services
- 9.7.4 Quandela Integrated Photonic Quantum Computing Core Revenue, Gross Margin and Market Share (2021-2026)
- 9.7.5 Quandela Recent Developments/Updates
- 9.7.6 Quandela Competitive Strengths & Weaknesses
- 9.8 Photonic
  - 9.8.1 Photonic Details
  - 9.8.2 Photonic Major Business
  - 9.8.3 Photonic Integrated Photonic Quantum Computing Core Product and Services
  - 9.8.4 Photonic Integrated Photonic Quantum Computing Core Revenue, Gross Margin and Market Share (2021-2026)
  - 9.8.5 Photonic Recent Developments/Updates
  - 9.8.6 Photonic Competitive Strengths & Weaknesses
- 9.9 CHIPX
  - 9.9.1 CHIPX Details
  - 9.9.2 CHIPX Major Business
  - 9.9.3 CHIPX Integrated Photonic Quantum Computing Core Product and Services
  - 9.9.4 CHIPX Integrated Photonic Quantum Computing Core Revenue, Gross Margin and Market Share (2021-2026)
  - 9.9.5 CHIPX Recent Developments/Updates
  - 9.9.6 CHIPX Competitive Strengths & Weaknesses

## **10 INDUSTRY CHAIN ANALYSIS**

- 10.1 Integrated Photonic Quantum Computing Core Industry Chain
- 10.2 Integrated Photonic Quantum Computing Core Upstream Analysis
- 10.3 Integrated Photonic Quantum Computing Core Midstream Analysis
- 10.4 Integrated Photonic Quantum Computing Core Downstream Analysis

## **11 RESEARCH FINDINGS AND CONCLUSION**

## **12 APPENDIX**

- 12.1 Methodology
- 12.2 Research Process and Data Source
- 12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Integrated Photonic Quantum Computing Core Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)

Table 2. World Integrated Photonic Quantum Computing Core Revenue by Region (2021-2026) & (USD Million), (by Headquarter Location)

Table 3. World Integrated Photonic Quantum Computing Core Revenue by Region (2027-2032) & (USD Million), (by Headquarter Location)

Table 4. World Integrated Photonic Quantum Computing Core Revenue Market Share by Region (2021-2026), (by Headquarter Location)

Table 5. World Integrated Photonic Quantum Computing Core Revenue Market Share by Region (2027-2032), (by Headquarter Location)

Table 6. Major Market Trends

Table 7. World Integrated Photonic Quantum Computing Core Consumption Value Growth Rate Forecast by Region (2021 & 2025 & 2032) & (USD Million)

Table 8. World Integrated Photonic Quantum Computing Core Consumption Value by Region (2021-2026) & (USD Million)

Table 9. World Integrated Photonic Quantum Computing Core Consumption Value Forecast by Region (2027-2032) & (USD Million)

Table 10. World Integrated Photonic Quantum Computing Core Revenue by Player (2021-2026) & (USD Million)

Table 11. Revenue Market Share of Key Integrated Photonic Quantum Computing Core Players in 2025

Table 12. World Integrated Photonic Quantum Computing Core Industry Rank of Major Player, Based on Revenue in 2025

Table 13. Global Integrated Photonic Quantum Computing Core Company Evaluation Quadrant

Table 14. Head Office of Key Integrated Photonic Quantum Computing Core Players

Table 15. Integrated Photonic Quantum Computing Core Market: Company Product Type Footprint

Table 16. Integrated Photonic Quantum Computing Core Market: Company Product Application Footprint

Table 17. Integrated Photonic Quantum Computing Core Mergers & Acquisitions Activity

Table 18. United States VS China Integrated Photonic Quantum Computing Core Revenue Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 19. United States VS China Integrated Photonic Quantum Computing Core

Consumption Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 20. United States Based Integrated Photonic Quantum Computing Core Companies, Headquarters (States, Country)

Table 21. United States Based Companies Integrated Photonic Quantum Computing Core Revenue, (2021-2026) & (USD Million)

Table 22. United States Based Companies Integrated Photonic Quantum Computing Core Revenue Market Share (2021-2026)

Table 23. China Based Integrated Photonic Quantum Computing Core Companies, Headquarters (Province, Country)

Table 24. China Based Companies Integrated Photonic Quantum Computing Core Revenue, (2021-2026) & (USD Million)

Table 25. China Based Companies Integrated Photonic Quantum Computing Core Revenue Market Share (2021-2026)

Table 26. Rest of World Based Integrated Photonic Quantum Computing Core Companies, Headquarters (Province, Country)

Table 27. Rest of World Based Companies Integrated Photonic Quantum Computing Core Revenue (2021-2026) & (USD Million)

Table 28. Rest of World Based Companies Integrated Photonic Quantum Computing Core Revenue Market Share (2021-2026)

Table 29. World Integrated Photonic Quantum Computing Core Market Size by Type, (USD Million), 2021 & 2025 & 2032

Table 30. World Integrated Photonic Quantum Computing Core Market Size Value by Type (2021-2026) & (USD Million)

Table 31. World Integrated Photonic Quantum Computing Core Market Size by Type (2027-2032) & (USD Million)

Table 32. World Integrated Photonic Quantum Computing Core Market Size by Position In the Value Chain, (USD Million), 2021 & 2025 & 2032

Table 33. World Integrated Photonic Quantum Computing Core Market Size Value by Position In the Value Chain (2021-2026) & (USD Million)

Table 34. World Integrated Photonic Quantum Computing Core Market Size by Position In the Value Chain (2027-2032) & (USD Million)

Table 35. World Integrated Photonic Quantum Computing Core Market Size by Application Focus, (USD Million), 2021 & 2025 & 2032

Table 36. World Integrated Photonic Quantum Computing Core Market Size Value by Application Focus (2021-2026) & (USD Million)

Table 37. World Integrated Photonic Quantum Computing Core Market Size by Application Focus (2027-2032) & (USD Million)

Table 38. World Integrated Photonic Quantum Computing Core Market Size by Application, (USD Million), 2021 & 2025 & 2032

Table 39. World Integrated Photonic Quantum Computing Core Market Size by Application (2021-2026) & (USD Million)

Table 40. World Integrated Photonic Quantum Computing Core Market Size by Application (2027-2032) & (USD Million)

Table 41. Xanadu Basic Information, Manufacturing Base and Competitors

Table 42. Xanadu Major Business

Table 43. Xanadu Integrated Photonic Quantum Computing Core Product and Services

Table 44. Xanadu Integrated Photonic Quantum Computing Core Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 45. Xanadu Recent Developments/Updates

Table 46. Xanadu Competitive Strengths & Weaknesses

Table 47. PsiQuantum Basic Information, Manufacturing Base and Competitors

Table 48. PsiQuantum Major Business

Table 49. PsiQuantum Integrated Photonic Quantum Computing Core Product and Services

Table 50. PsiQuantum Integrated Photonic Quantum Computing Core Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 51. PsiQuantum Recent Developments/Updates

Table 52. PsiQuantum Competitive Strengths & Weaknesses

Table 53. TuringQ Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 54. TuringQ Co.,Ltd. Major Business

Table 55. TuringQ Co.,Ltd. Integrated Photonic Quantum Computing Core Product and Services

Table 56. TuringQ Co.,Ltd. Integrated Photonic Quantum Computing Core Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 57. TuringQ Co.,Ltd. Recent Developments/Updates

Table 58. TuringQ Co.,Ltd. Competitive Strengths & Weaknesses

Table 59. Hefei Guizhen Chip Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 60. Hefei Guizhen Chip Technology Co., Ltd. Major Business

Table 61. Hefei Guizhen Chip Technology Co., Ltd. Integrated Photonic Quantum Computing Core Product and Services

Table 62. Hefei Guizhen Chip Technology Co., Ltd. Integrated Photonic Quantum Computing Core Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 63. Hefei Guizhen Chip Technology Co., Ltd. Recent Developments/Updates

Table 64. Hefei Guizhen Chip Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 65. Beijing QBoson Quantum Technology Co.,Ltd. Basic Information,

## Manufacturing Base and Competitors

Table 66. Beijing QBoson Quantum Technology Co.,Ltd. Major Business

Table 67. Beijing QBoson Quantum Technology Co.,Ltd. Integrated Photonic Quantum Computing Core Product and Services

Table 68. Beijing QBoson Quantum Technology Co.,Ltd. Integrated Photonic Quantum Computing Core Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 69. Beijing QBoson Quantum Technology Co.,Ltd. Recent Developments/Updates

Table 70. Beijing QBoson Quantum Technology Co.,Ltd. Competitive Strengths & Weaknesses

Table 71. QuiX Quantum Basic Information, Manufacturing Base and Competitors

Table 72. QuiX Quantum Major Business

Table 73. QuiX Quantum Integrated Photonic Quantum Computing Core Product and Services

Table 74. QuiX Quantum Integrated Photonic Quantum Computing Core Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 75. QuiX Quantum Recent Developments/Updates

Table 76. QuiX Quantum Competitive Strengths & Weaknesses

Table 77. Quandela Basic Information, Manufacturing Base and Competitors

Table 78. Quandela Major Business

Table 79. Quandela Integrated Photonic Quantum Computing Core Product and Services

Table 80. Quandela Integrated Photonic Quantum Computing Core Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 81. Quandela Recent Developments/Updates

Table 82. Quandela Competitive Strengths & Weaknesses

Table 83. Photonic Basic Information, Manufacturing Base and Competitors

Table 84. Photonic Major Business

Table 85. Photonic Integrated Photonic Quantum Computing Core Product and Services

Table 86. Photonic Integrated Photonic Quantum Computing Core Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 87. Photonic Recent Developments/Updates

Table 88. Photonic Competitive Strengths & Weaknesses

Table 89. CHIPX Basic Information, Manufacturing Base and Competitors

Table 90. CHIPX Major Business

Table 91. CHIPX Integrated Photonic Quantum Computing Core Product and Services

Table 92. CHIPX Integrated Photonic Quantum Computing Core Revenue, Gross

Margin and Market Share (2021-2026) & (USD Million)

Table 93. CHIPX Recent Developments/Updates

Table 94. CHIPX Competitive Strengths & Weaknesses

Table 95. Global Key Players of Integrated Photonic Quantum Computing Core  
Upstream (Raw Materials)

Table 96. Global Integrated Photonic Quantum Computing Core Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Integrated Photonic Quantum Computing Core Picture
- Figure 2. World Integrated Photonic Quantum Computing Core Total Revenue: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World Integrated Photonic Quantum Computing Core Total Revenue (2021-2032) & (USD Million)
- Figure 4. World Integrated Photonic Quantum Computing Core Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)
- Figure 5. World Integrated Photonic Quantum Computing Core Revenue Market Share by Region (2021-2032), (by Headquarter Location)
- Figure 6. United States Based Company Integrated Photonic Quantum Computing Core Revenue (2021-2032) & (USD Million)
- Figure 7. China Based Company Integrated Photonic Quantum Computing Core Revenue (2021-2032) & (USD Million)
- Figure 8. Europe Based Company Integrated Photonic Quantum Computing Core Revenue (2021-2032) & (USD Million)
- Figure 9. Japan Based Company Integrated Photonic Quantum Computing Core Revenue (2021-2032) & (USD Million)
- Figure 10. South Korea Based Company Integrated Photonic Quantum Computing Core Revenue (2021-2032) & (USD Million)
- Figure 11. ASEAN Based Company Integrated Photonic Quantum Computing Core Revenue (2021-2032) & (USD Million)
- Figure 12. India Based Company Integrated Photonic Quantum Computing Core Revenue (2021-2032) & (USD Million)
- Figure 13. Integrated Photonic Quantum Computing Core Market Drivers
- Figure 14. Factors Affecting Demand
- Figure 15. World Integrated Photonic Quantum Computing Core Consumption Value (2021-2032) & (USD Million)
- Figure 16. World Integrated Photonic Quantum Computing Core Consumption Value Market Share by Region (2021-2032)
- Figure 17. United States Integrated Photonic Quantum Computing Core Consumption Value (2021-2032) & (USD Million)
- Figure 18. China Integrated Photonic Quantum Computing Core Consumption Value (2021-2032) & (USD Million)
- Figure 19. Europe Integrated Photonic Quantum Computing Core Consumption Value (2021-2032) & (USD Million)

Figure 20. Japan Integrated Photonic Quantum Computing Core Consumption Value (2021-2032) & (USD Million)

Figure 21. South Korea Integrated Photonic Quantum Computing Core Consumption Value (2021-2032) & (USD Million)

Figure 22. ASEAN Integrated Photonic Quantum Computing Core Consumption Value (2021-2032) & (USD Million)

Figure 23. India Integrated Photonic Quantum Computing Core Consumption Value (2021-2032) & (USD Million)

Figure 24. Producer Shipments of Integrated Photonic Quantum Computing Core by Player Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for Integrated Photonic Quantum Computing Core Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for Integrated Photonic Quantum Computing Core Markets in 2025

Figure 27. United States VS China: Integrated Photonic Quantum Computing Core Revenue Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Integrated Photonic Quantum Computing Core Consumption Value Market Share Comparison (2021 & 2025 & 2032)

Figure 29. World Integrated Photonic Quantum Computing Core Market Size by Type, (USD Million), 2021 & 2025 & 2032

Figure 30. World Integrated Photonic Quantum Computing Core Market Size Market Share by Type in 2025

Figure 31. Continuous-Variable Photonic Quantum Computing

Figure 32. Discrete-Variable / Single-Photon Quantum Computing

Figure 33. World Integrated Photonic Quantum Computing Core Market Size Market Share by Type (2021-2032)

Figure 34. World Integrated Photonic Quantum Computing Core Market Size by Position In the Value Chain, (USD Million), 2021 & 2025 & 2032

Figure 35. World Integrated Photonic Quantum Computing Core Market Size Market Share by Position In the Value Chain in 2025

Figure 36. Photonic Quantum Computer System Providers

Figure 37. Photonic Quantum Chip / Processor Developers

Figure 38. World Integrated Photonic Quantum Computing Core Market Size Market Share by Position In the Value Chain (2021-2032)

Figure 39. World Integrated Photonic Quantum Computing Core Market Size by Application Focus, (USD Million), 2021 & 2025 & 2032

Figure 40. World Integrated Photonic Quantum Computing Core Market Size Market Share by Application Focus in 2025

Figure 41. Universal Quantum Computing

Figure 42. Quantum Communication & Security

Figure 43. Research & Industrial Prototyping

Figure 44. World Integrated Photonic Quantum Computing Core Market Size Market Share by Application Focus (2021-2032)

Figure 45. World Integrated Photonic Quantum Computing Core Market Size by Application, (USD Million), 2021 & 2025 & 2032

Figure 46. World Integrated Photonic Quantum Computing Core Market Size Market Share by Application in 2025

Figure 47. Photonic Quantum Computing

Figure 48. Photonic Quantum Simulation

Figure 49. Quantum Cloud Platform

Figure 50. World Integrated Photonic Quantum Computing Core Market Size Market Share by Application (2021-2032)

Figure 51. Integrated Photonic Quantum Computing Core Industrial Chain

Figure 52. Methodology

Figure 53. Research Process and Data Source

## I would like to order

Product name: Global Integrated Photonic Quantum Computing Core Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GDD2923B9079EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GDD2923B9079EN.html>