

Global Post-quantum Cryptographic Card Market Growth 2026-2032

<https://marketpublishers.com/r/GED6D2D131F7EN.html>

Date: July 2026

Pages: 133

Price: US\$ 3,660.00 (Single User License)

ID: GED6D2D131F7EN

Abstracts

The global Post-quantum Cryptographic Card market size is predicted to grow from US\$ 64.56 million in 2025 to US\$ 314 million in 2032; it is expected to grow at a CAGR of 25.5% from 2026 to 2032.

In 2025, global sales of Post-quantum Cryptographic Card reached approximately 20 k units, with an average market price of about USD 3300 unit, an annual production capacity of roughly 23 k units, and an industry-average gross margin of approximately 28%.

A Post-quantum Cryptographic Card is a hardware device or hardware entropy-source system that generates unpredictable random bit streams by exploiting the intrinsic randomness of quantum physical processes. This study focuses on commercially supplied or integrable QRNG chips, quantum entropy-source chips, modules, USB/PCIe cards, rack-mounted or server-type devices, and OEM hardware designs that can be embedded into third-party security, communication, computing or industrial systems. A typical QRNG consists of a quantum entropy source, optical or semiconductor detection components, analog sampling circuitry, randomness extraction or post-processing logic, health-test mechanisms, interface protocols and supporting software drivers. Common technology routes include photon arrival-time measurement, laser phase noise, quantum vacuum fluctuation, shot noise, electron tunneling, avalanche breakdown and radioactive decay. Key performance parameters include random bit generation rate, entropy-source assurance, randomness-test compliance, interface type, form factor, power consumption, temperature stability, certification status and ease of system integration. QRNGs are mainly used in cryptographic key generation, quantum key distribution, hardware security modules, VPNs, cloud security infrastructure, IoT security, automotive cybersecurity, gaming and lottery systems, Monte Carlo simulation,

statistical sampling and other applications requiring high-quality unpredictable randomness.

United States market for Post-quantum Cryptographic Card is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Post-quantum Cryptographic Card is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Post-quantum Cryptographic Card is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Post-quantum Cryptographic Card players cover ID Quantique SA, QuantumCTek, QuintessenceLabs, Quside Technologies, EYL Inc., etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Post-quantum Cryptographic Card Industry Forecast" looks at past sales and reviews total world Post-quantum Cryptographic Card sales in 2025, providing a comprehensive analysis by region and market sector of projected Post-quantum Cryptographic Card sales for 2026 through 2032. With Post-quantum Cryptographic Card sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Post-quantum Cryptographic Card industry.

This Insight Report provides a comprehensive analysis of the global Post-quantum Cryptographic Card landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Post-quantum Cryptographic Card portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Post-quantum Cryptographic Card market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Post-quantum Cryptographic Card and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced

view of the current state and future trajectory in the global Post-quantum Cryptographic Card.

This report presents a comprehensive overview, market shares, and growth opportunities of Post-quantum Cryptographic Card market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

QRNG Chip

QRNG Module

Segmentation by Interface:

USB Interface

PCIe Interface

Other

Segmentation by Application:

Key Generation

Hardware Security Modules

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

ID Quantique SA

QuantumCTek

QuintessenceLabs

Quside Technologies

EYL Inc.

QNu Labs

Anhui Qasky Quantum

Zhejiang Quantum Technologies

Shanghai Xuntai Quantum

Hefei Guizhen Chip

S-Fifteen Instruments

Micro Photon Devices

Crypta Labs

Quantum Dice

ThinkQuantum

Quantum Computing Inc.

Taqbit Labs

Elmos Semiconductor

TuringQ

Key Questions Addressed in this Report

What is the 10-year outlook for the global Post-quantum Cryptographic Card market?

What factors are driving Post-quantum Cryptographic Card market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Post-quantum Cryptographic Card market opportunities vary by end market size?

How does Post-quantum Cryptographic Card break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Post-quantum Cryptographic Card Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Post-quantum Cryptographic Card by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Post-quantum Cryptographic Card by Country/Region, 2021, 2025 & 2032
- 2.2 Post-quantum Cryptographic Card Segment by Type
 - 2.2.1 QRNG Chip
 - 2.2.2 QRNG Module
 - 2.2.3 Post-quantum Cryptographic Card Sales by Type
 - 2.2.3.1 Global Post-quantum Cryptographic Card Sales Market Share by Type (2021-2026)
 - 2.2.3.2 Global Post-quantum Cryptographic Card Revenue and Market Share by Type (2021-2026)
 - 2.2.3.3 Global Post-quantum Cryptographic Card Sale Price by Type (2021-2026)
- 2.3 Post-quantum Cryptographic Card Segment by Interface
 - 2.3.1 USB Interface
 - 2.3.2 PCIe Interface
 - 2.3.3 Other
 - 2.3.4 Post-quantum Cryptographic Card Sales by Interface
 - 2.3.4.1 Global Post-quantum Cryptographic Card Sales Market Share by Interface (2021-2026)
 - 2.3.4.2 Global Post-quantum Cryptographic Card Revenue and Market Share by Interface (2021-2026)

- 2.3.4.3 Global Post-quantum Cryptographic Card Sale Price by Interface (2021-2026)
- 2.4 Post-quantum Cryptographic Card Segment by Application
 - 2.4.1 Key Generation
 - 2.4.2 Hardware Security Modules
 - 2.4.3 Other
 - 2.4.4 Post-quantum Cryptographic Card Sales by Application
 - 2.4.4.1 Global Post-quantum Cryptographic Card Sale Market Share by Application (2021-2026)
 - 2.4.4.2 Global Post-quantum Cryptographic Card Revenue and Market Share by Application (2021-2026)
 - 2.4.4.3 Global Post-quantum Cryptographic Card Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

- 3.1 Global Post-quantum Cryptographic Card Breakdown Data by Company
 - 3.1.1 Global Post-quantum Cryptographic Card Annual Sales by Company (2021-2026)
 - 3.1.2 Global Post-quantum Cryptographic Card Sales Market Share by Company (2021-2026)
- 3.2 Global Post-quantum Cryptographic Card Annual Revenue by Company (2021-2026)
 - 3.2.1 Global Post-quantum Cryptographic Card Revenue by Company (2021-2026)
 - 3.2.2 Global Post-quantum Cryptographic Card Revenue Market Share by Company (2021-2026)
- 3.3 Global Post-quantum Cryptographic Card Sale Price by Company
- 3.4 Key Manufacturers Post-quantum Cryptographic Card Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers Post-quantum Cryptographic Card Product Location Distribution
 - 3.4.2 Players Post-quantum Cryptographic Card Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR POST-QUANTUM CRYPTOGRAPHIC CARD BY GEOGRAPHIC REGION

4.1 World Historic Post-quantum Cryptographic Card Market Size by Geographic Region (2021-2026)

4.1.1 Global Post-quantum Cryptographic Card Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Post-quantum Cryptographic Card Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Post-quantum Cryptographic Card Market Size by Country/Region (2021-2026)

4.2.1 Global Post-quantum Cryptographic Card Annual Sales by Country/Region (2021-2026)

4.2.2 Global Post-quantum Cryptographic Card Annual Revenue by Country/Region (2021-2026)

4.3 Americas Post-quantum Cryptographic Card Sales Growth

4.4 APAC Post-quantum Cryptographic Card Sales Growth

4.5 Europe Post-quantum Cryptographic Card Sales Growth

4.6 Middle East & Africa Post-quantum Cryptographic Card Sales Growth

5 AMERICAS

5.1 Americas Post-quantum Cryptographic Card Sales by Country

5.1.1 Americas Post-quantum Cryptographic Card Sales by Country (2021-2026)

5.1.2 Americas Post-quantum Cryptographic Card Revenue by Country (2021-2026)

5.2 Americas Post-quantum Cryptographic Card Sales by Type (2021-2026)

5.3 Americas Post-quantum Cryptographic Card Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Post-quantum Cryptographic Card Sales by Region

6.1.1 APAC Post-quantum Cryptographic Card Sales by Region (2021-2026)

6.1.2 APAC Post-quantum Cryptographic Card Revenue by Region (2021-2026)

6.2 APAC Post-quantum Cryptographic Card Sales by Type (2021-2026)

6.3 APAC Post-quantum Cryptographic Card Sales by Application (2021-2026)

6.4 China

6.5 Japan

- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Post-quantum Cryptographic Card by Country
 - 7.1.1 Europe Post-quantum Cryptographic Card Sales by Country (2021-2026)
 - 7.1.2 Europe Post-quantum Cryptographic Card Revenue by Country (2021-2026)
- 7.2 Europe Post-quantum Cryptographic Card Sales by Type (2021-2026)
- 7.3 Europe Post-quantum Cryptographic Card Sales by Application (2021-2026)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Post-quantum Cryptographic Card by Country
 - 8.1.1 Middle East & Africa Post-quantum Cryptographic Card Sales by Country (2021-2026)
 - 8.1.2 Middle East & Africa Post-quantum Cryptographic Card Revenue by Country (2021-2026)
- 8.2 Middle East & Africa Post-quantum Cryptographic Card Sales by Type (2021-2026)
- 8.3 Middle East & Africa Post-quantum Cryptographic Card Sales by Application (2021-2026)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Post-quantum Cryptographic Card

10.3 Manufacturing Process Analysis of Post-quantum Cryptographic Card

10.4 Industry Chain Structure of Post-quantum Cryptographic Card

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Post-quantum Cryptographic Card Distributors

11.3 Post-quantum Cryptographic Card Customer

12 WORLD FORECAST REVIEW FOR POST-QUANTUM CRYPTOGRAPHIC CARD BY GEOGRAPHIC REGION

12.1 Global Post-quantum Cryptographic Card Market Size Forecast by Region

12.1.1 Global Post-quantum Cryptographic Card Forecast by Region (2027-2032)

12.1.2 Global Post-quantum Cryptographic Card Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Post-quantum Cryptographic Card Forecast by Type (2027-2032)

12.7 Global Post-quantum Cryptographic Card Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 ID Quantique SA

13.1.1 ID Quantique SA Company Information

13.1.2 ID Quantique SA Post-quantum Cryptographic Card Product Portfolios and Specifications

13.1.3 ID Quantique SA Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.1.4 ID Quantique SA Main Business Overview
- 13.1.5 ID Quantique SA Latest Developments
- 13.2 QuantumCTek
 - 13.2.1 QuantumCTek Company Information
 - 13.2.2 QuantumCTek Post-quantum Cryptographic Card Product Portfolios and Specifications
 - 13.2.3 QuantumCTek Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.2.4 QuantumCTek Main Business Overview
 - 13.2.5 QuantumCTek Latest Developments
- 13.3 QuintessenceLabs
 - 13.3.1 QuintessenceLabs Company Information
 - 13.3.2 QuintessenceLabs Post-quantum Cryptographic Card Product Portfolios and Specifications
 - 13.3.3 QuintessenceLabs Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.3.4 QuintessenceLabs Main Business Overview
 - 13.3.5 QuintessenceLabs Latest Developments
- 13.4 Quside Technologies
 - 13.4.1 Quside Technologies Company Information
 - 13.4.2 Quside Technologies Post-quantum Cryptographic Card Product Portfolios and Specifications
 - 13.4.3 Quside Technologies Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.4.4 Quside Technologies Main Business Overview
 - 13.4.5 Quside Technologies Latest Developments
- 13.5 EYL Inc.
 - 13.5.1 EYL Inc. Company Information
 - 13.5.2 EYL Inc. Post-quantum Cryptographic Card Product Portfolios and Specifications
 - 13.5.3 EYL Inc. Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.5.4 EYL Inc. Main Business Overview
 - 13.5.5 EYL Inc. Latest Developments
- 13.6 QNu Labs
 - 13.6.1 QNu Labs Company Information
 - 13.6.2 QNu Labs Post-quantum Cryptographic Card Product Portfolios and Specifications
 - 13.6.3 QNu Labs Post-quantum Cryptographic Card Sales, Revenue, Price and Gross

Margin (2021-2026)

13.6.4 QNu Labs Main Business Overview

13.6.5 QNu Labs Latest Developments

13.7 Anhui Qasky Quantum

13.7.1 Anhui Qasky Quantum Company Information

13.7.2 Anhui Qasky Quantum Post-quantum Cryptographic Card Product Portfolios and Specifications

13.7.3 Anhui Qasky Quantum Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 Anhui Qasky Quantum Main Business Overview

13.7.5 Anhui Qasky Quantum Latest Developments

13.8 Zhejiang Quantum Technologies

13.8.1 Zhejiang Quantum Technologies Company Information

13.8.2 Zhejiang Quantum Technologies Post-quantum Cryptographic Card Product Portfolios and Specifications

13.8.3 Zhejiang Quantum Technologies Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Zhejiang Quantum Technologies Main Business Overview

13.8.5 Zhejiang Quantum Technologies Latest Developments

13.9 Shanghai Xuntai Quantum

13.9.1 Shanghai Xuntai Quantum Company Information

13.9.2 Shanghai Xuntai Quantum Post-quantum Cryptographic Card Product Portfolios and Specifications

13.9.3 Shanghai Xuntai Quantum Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Shanghai Xuntai Quantum Main Business Overview

13.9.5 Shanghai Xuntai Quantum Latest Developments

13.10 Hefei Guizhen Chip

13.10.1 Hefei Guizhen Chip Company Information

13.10.2 Hefei Guizhen Chip Post-quantum Cryptographic Card Product Portfolios and Specifications

13.10.3 Hefei Guizhen Chip Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Hefei Guizhen Chip Main Business Overview

13.10.5 Hefei Guizhen Chip Latest Developments

13.11 S-Fifteen Instruments

13.11.1 S-Fifteen Instruments Company Information

13.11.2 S-Fifteen Instruments Post-quantum Cryptographic Card Product Portfolios and Specifications

13.11.3 S-Fifteen Instruments Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 S-Fifteen Instruments Main Business Overview

13.11.5 S-Fifteen Instruments Latest Developments

13.12 Micro Photon Devices

13.12.1 Micro Photon Devices Company Information

13.12.2 Micro Photon Devices Post-quantum Cryptographic Card Product Portfolios and Specifications

13.12.3 Micro Photon Devices Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 Micro Photon Devices Main Business Overview

13.12.5 Micro Photon Devices Latest Developments

13.13 Crypta Labs

13.13.1 Crypta Labs Company Information

13.13.2 Crypta Labs Post-quantum Cryptographic Card Product Portfolios and Specifications

13.13.3 Crypta Labs Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.13.4 Crypta Labs Main Business Overview

13.13.5 Crypta Labs Latest Developments

13.14 Quantum Dice

13.14.1 Quantum Dice Company Information

13.14.2 Quantum Dice Post-quantum Cryptographic Card Product Portfolios and Specifications

13.14.3 Quantum Dice Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 Quantum Dice Main Business Overview

13.14.5 Quantum Dice Latest Developments

13.15 ThinkQuantum

13.15.1 ThinkQuantum Company Information

13.15.2 ThinkQuantum Post-quantum Cryptographic Card Product Portfolios and Specifications

13.15.3 ThinkQuantum Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.15.4 ThinkQuantum Main Business Overview

13.15.5 ThinkQuantum Latest Developments

13.16 Quantum Computing Inc.

13.16.1 Quantum Computing Inc. Company Information

13.16.2 Quantum Computing Inc. Post-quantum Cryptographic Card Product Portfolios

and Specifications

13.16.3 Quantum Computing Inc. Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.16.4 Quantum Computing Inc. Main Business Overview

13.16.5 Quantum Computing Inc. Latest Developments

13.17 Taqbit Labs

13.17.1 Taqbit Labs Company Information

13.17.2 Taqbit Labs Post-quantum Cryptographic Card Product Portfolios and Specifications

13.17.3 Taqbit Labs Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.17.4 Taqbit Labs Main Business Overview

13.17.5 Taqbit Labs Latest Developments

13.18 Elmos Semiconductor

13.18.1 Elmos Semiconductor Company Information

13.18.2 Elmos Semiconductor Post-quantum Cryptographic Card Product Portfolios and Specifications

13.18.3 Elmos Semiconductor Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.18.4 Elmos Semiconductor Main Business Overview

13.18.5 Elmos Semiconductor Latest Developments

13.19 TuringQ

13.19.1 TuringQ Company Information

13.19.2 TuringQ Post-quantum Cryptographic Card Product Portfolios and Specifications

13.19.3 TuringQ Post-quantum Cryptographic Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.19.4 TuringQ Main Business Overview

13.19.5 TuringQ Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Post-quantum Cryptographic Card Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Post-quantum Cryptographic Card Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of QRNG Chip

Table 4. Major Players of QRNG Module

Table 5. Global Post-quantum Cryptographic Card Sales by Type (2021-2026) & (Units)

Table 6. Global Post-quantum Cryptographic Card Sales Market Share by Type (2021-2026)

Table 7. Global Post-quantum Cryptographic Card Revenue by Type (2021-2026) & (\$ million)

Table 8. Global Post-quantum Cryptographic Card Revenue Market Share by Type (2021-2026)

Table 9. Global Post-quantum Cryptographic Card Sale Price by Type (2021-2026) & (US\$/Unit)

Table 10. Major Players of USB Interface

Table 11. Major Players of PCIe Interface

Table 12. Major Players of Other

Table 13. Global Post-quantum Cryptographic Card Sales by Interface (2021-2026) & (Units)

Table 14. Global Post-quantum Cryptographic Card Sales Market Share by Interface (2021-2026)

Table 15. Global Post-quantum Cryptographic Card Revenue by Interface (2021-2026) & (\$ million)

Table 16. Global Post-quantum Cryptographic Card Revenue Market Share by Interface (2021-2026)

Table 17. Global Post-quantum Cryptographic Card Sale Price by Interface (2021-2026) & (US\$/Unit)

Table 18. Global Post-quantum Cryptographic Card Sale by Application (2021-2026) & (Units)

Table 19. Global Post-quantum Cryptographic Card Sale Market Share by Application (2021-2026)

Table 20. Global Post-quantum Cryptographic Card Revenue by Application (2021-2026) & (\$ million)

Table 21. Global Post-quantum Cryptographic Card Revenue Market Share by

Application (2021-2026)

Table 22. Global Post-quantum Cryptographic Card Sale Price by Application (2021-2026) & (US\$/Unit)

Table 23. Global Post-quantum Cryptographic Card Sales by Company (2021-2026) & (Units)

Table 24. Global Post-quantum Cryptographic Card Sales Market Share by Company (2021-2026)

Table 25. Global Post-quantum Cryptographic Card Revenue by Company (2021-2026) & (\$ millions)

Table 26. Global Post-quantum Cryptographic Card Revenue Market Share by Company (2021-2026)

Table 27. Global Post-quantum Cryptographic Card Sale Price by Company (2021-2026) & (US\$/Unit)

Table 28. Key Manufacturers Post-quantum Cryptographic Card Producing Area Distribution and Sales Area

Table 29. Players Post-quantum Cryptographic Card Products Offered

Table 30. Post-quantum Cryptographic Card Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 31. New Products and Potential Entrants

Table 32. Market M&A Activity & Strategy

Table 33. Global Post-quantum Cryptographic Card Sales by Geographic Region (2021-2026) & (Units)

Table 34. Global Post-quantum Cryptographic Card Sales Market Share Geographic Region (2021-2026)

Table 35. Global Post-quantum Cryptographic Card Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 36. Global Post-quantum Cryptographic Card Revenue Market Share by Geographic Region (2021-2026)

Table 37. Global Post-quantum Cryptographic Card Sales by Country/Region (2021-2026) & (Units)

Table 38. Global Post-quantum Cryptographic Card Sales Market Share by Country/Region (2021-2026)

Table 39. Global Post-quantum Cryptographic Card Revenue by Country/Region (2021-2026) & (\$ millions)

Table 40. Global Post-quantum Cryptographic Card Revenue Market Share by Country/Region (2021-2026)

Table 41. Americas Post-quantum Cryptographic Card Sales by Country (2021-2026) & (Units)

Table 42. Americas Post-quantum Cryptographic Card Sales Market Share by Country

(2021-2026)

Table 43. Americas Post-quantum Cryptographic Card Revenue by Country
(2021-2026) & (\$ millions)

Table 44. Americas Post-quantum Cryptographic Card Sales by Type (2021-2026) &
(Units)

Table 45. Americas Post-quantum Cryptographic Card Sales by Application
(2021-2026) & (Units)

Table 46. APAC Post-quantum Cryptographic Card Sales by Region (2021-2026) &
(Units)

Table 47. APAC Post-quantum Cryptographic Card Sales Market Share by Region
(2021-2026)

Table 48. APAC Post-quantum Cryptographic Card Revenue by Region (2021-2026) &
(\$ millions)

Table 49. APAC Post-quantum Cryptographic Card Sales by Type (2021-2026) &
(Units)

Table 50. APAC Post-quantum Cryptographic Card Sales by Application (2021-2026) &
(Units)

Table 51. Europe Post-quantum Cryptographic Card Sales by Country (2021-2026) &
(Units)

Table 52. Europe Post-quantum Cryptographic Card Revenue by Country (2021-2026)
& (\$ millions)

Table 53. Europe Post-quantum Cryptographic Card Sales by Type (2021-2026) &
(Units)

Table 54. Europe Post-quantum Cryptographic Card Sales by Application (2021-2026)
& (Units)

Table 55. Middle East & Africa Post-quantum Cryptographic Card Sales by Country
(2021-2026) & (Units)

Table 56. Middle East & Africa Post-quantum Cryptographic Card Revenue Market
Share by Country (2021-2026)

Table 57. Middle East & Africa Post-quantum Cryptographic Card Sales by Type
(2021-2026) & (Units)

Table 58. Middle East & Africa Post-quantum Cryptographic Card Sales by Application
(2021-2026) & (Units)

Table 59. Key Market Drivers & Growth Opportunities of Post-quantum Cryptographic
Card

Table 60. Key Market Challenges & Risks of Post-quantum Cryptographic Card

Table 61. Key Industry Trends of Post-quantum Cryptographic Card

Table 62. Post-quantum Cryptographic Card Raw Material

Table 63. Key Suppliers of Raw Materials

Table 64. Post-quantum Cryptographic Card Distributors List

Table 65. Post-quantum Cryptographic Card Customer List

Table 66. Global Post-quantum Cryptographic Card Sales Forecast by Region
(2027-2032) & (Units)

Table 67. Global Post-quantum Cryptographic Card Revenue Forecast by Region
(2027-2032) & (\$ millions)

Table 68. Americas Post-quantum Cryptographic Card Sales Forecast by Country
(2027-2032) & (Units)

Table 69. Americas Post-quantum Cryptographic Card Annual Revenue Forecast by
Country (2027-2032) & (\$ millions)

Table 70. APAC Post-quantum Cryptographic Card Sales Forecast by Region
(2027-2032) & (Units)

Table 71. APAC Post-quantum Cryptographic Card Annual Revenue Forecast by
Region (2027-2032) & (\$ millions)

Table 72. Europe Post-quantum Cryptographic Card Sales Forecast by Country
(2027-2032) & (Units)

Table 73. Europe Post-quantum Cryptographic Card Revenue Forecast by Country
(2027-2032) & (\$ millions)

Table 74. Middle East & Africa Post-quantum Cryptographic Card Sales Forecast by
Country (2027-2032) & (Units)

Table 75. Middle East & Africa Post-quantum Cryptographic Card Revenue Forecast by
Country (2027-2032) & (\$ millions)

Table 76. Global Post-quantum Cryptographic Card Sales Forecast by Type
(2027-2032) & (Units)

Table 77. Global Post-quantum Cryptographic Card Revenue Forecast by Type
(2027-2032) & (\$ millions)

Table 78. Global Post-quantum Cryptographic Card Sales Forecast by Application
(2027-2032) & (Units)

Table 79. Global Post-quantum Cryptographic Card Revenue Forecast by Application
(2027-2032) & (\$ millions)

Table 80. ID Quantique SA Basic Information, Post-quantum Cryptographic Card
Manufacturing Base, Sales Area and Its Competitors

Table 81. ID Quantique SA Post-quantum Cryptographic Card Product Portfolios and
Specifications

Table 82. ID Quantique SA Post-quantum Cryptographic Card Sales (Units), Revenue
(\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 83. ID Quantique SA Main Business

Table 84. ID Quantique SA Latest Developments

Table 85. QuantumCTek Basic Information, Post-quantum Cryptographic Card

Manufacturing Base, Sales Area and Its Competitors

Table 86. QuantumCTek Post-quantum Cryptographic Card Product Portfolios and Specifications

Table 87. QuantumCTek Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 88. QuantumCTek Main Business

Table 89. QuantumCTek Latest Developments

Table 90. QuintessenceLabs Basic Information, Post-quantum Cryptographic Card Manufacturing Base, Sales Area and Its Competitors

Table 91. QuintessenceLabs Post-quantum Cryptographic Card Product Portfolios and Specifications

Table 92. QuintessenceLabs Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 93. QuintessenceLabs Main Business

Table 94. QuintessenceLabs Latest Developments

Table 95. Quside Technologies Basic Information, Post-quantum Cryptographic Card Manufacturing Base, Sales Area and Its Competitors

Table 96. Quside Technologies Post-quantum Cryptographic Card Product Portfolios and Specifications

Table 97. Quside Technologies Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 98. Quside Technologies Main Business

Table 99. Quside Technologies Latest Developments

Table 100. EYL Inc. Basic Information, Post-quantum Cryptographic Card Manufacturing Base, Sales Area and Its Competitors

Table 101. EYL Inc. Post-quantum Cryptographic Card Product Portfolios and Specifications

Table 102. EYL Inc. Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 103. EYL Inc. Main Business

Table 104. EYL Inc. Latest Developments

Table 105. QNu Labs Basic Information, Post-quantum Cryptographic Card Manufacturing Base, Sales Area and Its Competitors

Table 106. QNu Labs Post-quantum Cryptographic Card Product Portfolios and Specifications

Table 107. QNu Labs Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 108. QNu Labs Main Business

Table 109. QNu Labs Latest Developments

Table 110. Anhui Qasky Quantum Basic Information, Post-quantum Cryptographic Card Manufacturing Base, Sales Area and Its Competitors

Table 111. Anhui Qasky Quantum Post-quantum Cryptographic Card Product Portfolios and Specifications

Table 112. Anhui Qasky Quantum Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 113. Anhui Qasky Quantum Main Business

Table 114. Anhui Qasky Quantum Latest Developments

Table 115. Zhejiang Quantum Technologies Basic Information, Post-quantum Cryptographic Card Manufacturing Base, Sales Area and Its Competitors

Table 116. Zhejiang Quantum Technologies Post-quantum Cryptographic Card Product Portfolios and Specifications

Table 117. Zhejiang Quantum Technologies Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 118. Zhejiang Quantum Technologies Main Business

Table 119. Zhejiang Quantum Technologies Latest Developments

Table 120. Shanghai Xuntai Quantum Basic Information, Post-quantum Cryptographic Card Manufacturing Base, Sales Area and Its Competitors

Table 121. Shanghai Xuntai Quantum Post-quantum Cryptographic Card Product Portfolios and Specifications

Table 122. Shanghai Xuntai Quantum Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 123. Shanghai Xuntai Quantum Main Business

Table 124. Shanghai Xuntai Quantum Latest Developments

Table 125. Hefei Guizhen Chip Basic Information, Post-quantum Cryptographic Card Manufacturing Base, Sales Area and Its Competitors

Table 126. Hefei Guizhen Chip Post-quantum Cryptographic Card Product Portfolios and Specifications

Table 127. Hefei Guizhen Chip Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 128. Hefei Guizhen Chip Main Business

Table 129. Hefei Guizhen Chip Latest Developments

Table 130. S-Fifteen Instruments Basic Information, Post-quantum Cryptographic Card Manufacturing Base, Sales Area and Its Competitors

Table 131. S-Fifteen Instruments Post-quantum Cryptographic Card Product Portfolios and Specifications

Table 132. S-Fifteen Instruments Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 133. S-Fifteen Instruments Main Business

Table 134. S-Fifteen Instruments Latest Developments
Table 135. Micro Photon Devices Basic Information, Post-quantum Cryptographic Card Manufacturing Base, Sales Area and Its Competitors
Table 136. Micro Photon Devices Post-quantum Cryptographic Card Product Portfolios and Specifications
Table 137. Micro Photon Devices Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 138. Micro Photon Devices Main Business
Table 139. Micro Photon Devices Latest Developments
Table 140. Crypta Labs Basic Information, Post-quantum Cryptographic Card Manufacturing Base, Sales Area and Its Competitors
Table 141. Crypta Labs Post-quantum Cryptographic Card Product Portfolios and Specifications
Table 142. Crypta Labs Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 143. Crypta Labs Main Business
Table 144. Crypta Labs Latest Developments
Table 145. Quantum Dice Basic Information, Post-quantum Cryptographic Card Manufacturing Base, Sales Area and Its Competitors
Table 146. Quantum Dice Post-quantum Cryptographic Card Product Portfolios and Specifications
Table 147. Quantum Dice Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 148. Quantum Dice Main Business
Table 149. Quantum Dice Latest Developments
Table 150. ThinkQuantum Basic Information, Post-quantum Cryptographic Card Manufacturing Base, Sales Area and Its Competitors
Table 151. ThinkQuantum Post-quantum Cryptographic Card Product Portfolios and Specifications
Table 152. ThinkQuantum Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 153. ThinkQuantum Main Business
Table 154. ThinkQuantum Latest Developments
Table 155. Quantum Computing Inc. Basic Information, Post-quantum Cryptographic Card Manufacturing Base, Sales Area and Its Competitors
Table 156. Quantum Computing Inc. Post-quantum Cryptographic Card Product Portfolios and Specifications
Table 157. Quantum Computing Inc. Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 158. Quantum Computing Inc. Main Business

Table 159. Quantum Computing Inc. Latest Developments

Table 160. Taqbit Labs Basic Information, Post-quantum Cryptographic Card Manufacturing Base, Sales Area and Its Competitors

Table 161. Taqbit Labs Post-quantum Cryptographic Card Product Portfolios and Specifications

Table 162. Taqbit Labs Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 163. Taqbit Labs Main Business

Table 164. Taqbit Labs Latest Developments

Table 165. Elmos Semiconductor Basic Information, Post-quantum Cryptographic Card Manufacturing Base, Sales Area and Its Competitors

Table 166. Elmos Semiconductor Post-quantum Cryptographic Card Product Portfolios and Specifications

Table 167. Elmos Semiconductor Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 168. Elmos Semiconductor Main Business

Table 169. Elmos Semiconductor Latest Developments

Table 170. TuringQ Basic Information, Post-quantum Cryptographic Card Manufacturing Base, Sales Area and Its Competitors

Table 171. TuringQ Post-quantum Cryptographic Card Product Portfolios and Specifications

Table 172. TuringQ Post-quantum Cryptographic Card Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 173. TuringQ Main Business

Table 174. TuringQ Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Post-quantum Cryptographic Card
- Figure 2. Post-quantum Cryptographic Card Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Post-quantum Cryptographic Card Sales Growth Rate 2021-2032 (Units)
- Figure 7. Global Post-quantum Cryptographic Card Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Post-quantum Cryptographic Card Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Post-quantum Cryptographic Card Sales Market Share by Country/Region (2025)
- Figure 10. Post-quantum Cryptographic Card Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of QRNG Chip
- Figure 12. Product Picture of QRNG Module
- Figure 13. Global Post-quantum Cryptographic Card Sales Market Share by Type in 2026
- Figure 14. Global Post-quantum Cryptographic Card Revenue Market Share by Type (2021-2026)
- Figure 15. Product Picture of USB Interface
- Figure 16. Product Picture of PCIe Interface
- Figure 17. Product Picture of Other
- Figure 18. Global Post-quantum Cryptographic Card Sales Market Share by Interface in 2026
- Figure 19. Global Post-quantum Cryptographic Card Revenue Market Share by Interface (2021-2026)
- Figure 20. Post-quantum Cryptographic Card Consumed in Key Generation
- Figure 21. Global Post-quantum Cryptographic Card Market: Key Generation (2021-2026) & (Units)
- Figure 22. Post-quantum Cryptographic Card Consumed in Hardware Security Modules
- Figure 23. Global Post-quantum Cryptographic Card Market: Hardware Security Modules (2021-2026) & (Units)
- Figure 24. Post-quantum Cryptographic Card Consumed in Other

Figure 25. Global Post-quantum Cryptographic Card Market: Other (2021-2026) & (Units)

Figure 26. Global Post-quantum Cryptographic Card Sale Market Share by Application (2025)

Figure 27. Global Post-quantum Cryptographic Card Revenue Market Share by Application in 2025

Figure 28. Post-quantum Cryptographic Card Sales by Company in 2025 (Units)

Figure 29. Global Post-quantum Cryptographic Card Sales Market Share by Company in 2025

Figure 30. Post-quantum Cryptographic Card Revenue by Company in 2025 (\$ millions)

Figure 31. Global Post-quantum Cryptographic Card Revenue Market Share by Company in 2025

Figure 32. Global Post-quantum Cryptographic Card Sales Market Share by Geographic Region (2021-2026)

Figure 33. Global Post-quantum Cryptographic Card Revenue Market Share by Geographic Region in 2025

Figure 34. Americas Post-quantum Cryptographic Card Sales 2021-2026 (Units)

Figure 35. Americas Post-quantum Cryptographic Card Revenue 2021-2026 (\$ millions)

Figure 36. APAC Post-quantum Cryptographic Card Sales 2021-2026 (Units)

Figure 37. APAC Post-quantum Cryptographic Card Revenue 2021-2026 (\$ millions)

Figure 38. Europe Post-quantum Cryptographic Card Sales 2021-2026 (Units)

Figure 39. Europe Post-quantum Cryptographic Card Revenue 2021-2026 (\$ millions)

Figure 40. Middle East & Africa Post-quantum Cryptographic Card Sales 2021-2026 (Units)

Figure 41. Middle East & Africa Post-quantum Cryptographic Card Revenue 2021-2026 (\$ millions)

Figure 42. Americas Post-quantum Cryptographic Card Sales Market Share by Country in 2025

Figure 43. Americas Post-quantum Cryptographic Card Revenue Market Share by Country (2021-2026)

Figure 44. Americas Post-quantum Cryptographic Card Sales Market Share by Type (2021-2026)

Figure 45. Americas Post-quantum Cryptographic Card Sales Market Share by Application (2021-2026)

Figure 46. United States Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 47. Canada Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 48. Mexico Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$

millions)

Figure 49. Brazil Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 50. APAC Post-quantum Cryptographic Card Sales Market Share by Region in 2025

Figure 51. APAC Post-quantum Cryptographic Card Revenue Market Share by Region (2021-2026)

Figure 52. APAC Post-quantum Cryptographic Card Sales Market Share by Type (2021-2026)

Figure 53. APAC Post-quantum Cryptographic Card Sales Market Share by Application (2021-2026)

Figure 54. China Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 55. Japan Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 56. South Korea Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 57. Southeast Asia Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 58. India Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 59. Australia Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 60. China Taiwan Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 61. Europe Post-quantum Cryptographic Card Sales Market Share by Country in 2025

Figure 62. Europe Post-quantum Cryptographic Card Revenue Market Share by Country (2021-2026)

Figure 63. Europe Post-quantum Cryptographic Card Sales Market Share by Type (2021-2026)

Figure 64. Europe Post-quantum Cryptographic Card Sales Market Share by Application (2021-2026)

Figure 65. Germany Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 66. France Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 67. UK Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 68. Italy Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 69. Russia Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 70. Middle East & Africa Post-quantum Cryptographic Card Sales Market Share by Country (2021-2026)

Figure 71. Middle East & Africa Post-quantum Cryptographic Card Sales Market Share by Type (2021-2026)

Figure 72. Middle East & Africa Post-quantum Cryptographic Card Sales Market Share by Application (2021-2026)

Figure 73. Egypt Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 74. South Africa Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 75. Israel Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 76. Turkey Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 77. GCC Countries Post-quantum Cryptographic Card Revenue Growth 2021-2026 (\$ millions)

Figure 78. Manufacturing Cost Structure Analysis of Post-quantum Cryptographic Card in 2026

Figure 79. Manufacturing Process Analysis of Post-quantum Cryptographic Card

Figure 80. Industry Chain Structure of Post-quantum Cryptographic Card

Figure 81. Channels of Distribution

Figure 82. Global Post-quantum Cryptographic Card Sales Market Forecast by Region (2027-2032)

Figure 83. Global Post-quantum Cryptographic Card Revenue Market Share Forecast by Region (2027-2032)

Figure 84. Global Post-quantum Cryptographic Card Sales Market Share Forecast by Type (2027-2032)

Figure 85. Global Post-quantum Cryptographic Card Revenue Market Share Forecast by Type (2027-2032)

Figure 86. Global Post-quantum Cryptographic Card Sales Market Share Forecast by Application (2027-2032)

Figure 87. Global Post-quantum Cryptographic Card Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Post-quantum Cryptographic Card Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/GED6D2D131F7EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GED6D2D131F7EN.html>