

# Global Quantum Random Number Encryption Card Market Growth 2026-2032

<https://marketpublishers.com/r/G72149F5D670EN.html>

Date: July 2026

Pages: 130

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

ID: G72149F5D670EN

## Abstracts

The global Quantum Random Number Encryption Card market size is predicted to grow from US\$ 159 million in 2025 to US\$ 228 million in 2032; it is expected to grow at a CAGR of 5.3% from 2026 to 2032.

A Quantum Random Number Encryption Card is a hardware security module designed for servers, communication equipment, industrial control systems, and security gateways. It is usually deployed in the form of a PCIe card, embedded board, or security module to provide high-quality random number generation, key generation, data encryption and decryption, identity authentication, and secure storage. The product typically integrates a quantum random number generator, cryptographic algorithm chips, security control units, and interface modules to enhance the randomness, security, and attack resistance of conventional cryptographic systems. Compared with a complete quantum key distribution system, a Quantum Random Number Encryption Card is more focused on endpoint-side or device-side security enhancement and can be embedded into existing information security, cybersecurity, and data center infrastructure. Under a narrow market scope, Quantum Random Number Encryption Cards are typically priced at around USD 5,000?8,000 per card, with global annual sales of about 10,000?30,000 units.

The upstream supply chain of Quantum Random Number Encryption Cards mainly includes quantum random number chips or modules, security chips, FPGAs or dedicated cryptographic processors, optoelectronic components, memory, PCBs, interface connectors, power management components, firmware, and cryptographic algorithm software. Among these, the quantum entropy source, cryptographic algorithm implementation, and security certification capability are the key factors determining product performance and differentiation. Midstream companies are responsible for card

design, hardware integration, cryptographic algorithm adaptation, security firmware development, system testing, and industry certification, while also providing server adaptation, key management platform integration, and security system integration according to customer requirements. Downstream applications are concentrated in high-security scenarios such as government, finance, telecom, defense, data centers, energy and power, industrial internet, and cloud security, where customers focus more on security level, stability, compatibility, certification status, and integration with existing cryptographic infrastructure.

United States market for Quantum Random Number Encryption 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 Quantum Random Number Encryption 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 Quantum Random Number Encryption 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 Quantum Random Number Encryption Card players cover ID Quantique, QuantumCTek, Toshiba Digital Solutions, NEC, Quside Technologies, 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 "Quantum Random Number Encryption Card Industry Forecast" looks at past sales and reviews total world Quantum Random Number Encryption Card sales in 2025, providing a comprehensive analysis by region and market sector of projected Quantum Random Number Encryption Card sales for 2026 through 2032. With Quantum Random Number Encryption Card sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Quantum Random Number Encryption Card industry.

This Insight Report provides a comprehensive analysis of the global Quantum Random Number Encryption 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 Quantum Random Number Encryption Card portfolios and capabilities,

market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Quantum Random Number Encryption Card market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Quantum Random Number Encryption 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 Quantum Random Number Encryption Card.

This report presents a comprehensive overview, market shares, and growth opportunities of Quantum Random Number Encryption Card market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by Type:

- Quantum Random Number Generator Card
- Quantum Random Number Cryptographic Card
- Quantum-Enhanced Cryptographic Card
- Quantum-Resistant / Post-Quantum Cryptographic Card

#### Segmentation by Hardware Configuration:

- PCIe Quantum Random Number Cryptographic Card
- Board-level QRNG Card
- USB / External QRNG Module
- Chip-level QRNG Module

#### Segmentation by Random Number Generation Rate:

Low-speed QRNG Cryptographic Card

Medium-speed QRNG Cryptographic Card

High-speed QRNG Cryptographic Card

Ultra-high-speed QRNG Cryptographic Card

#### Segmentation by Application:

Government, Defense and Critical Infrastructure

Banking, Payment and Data Security

Telecom Operators and Quantum-secure Communication Networks

Cloud, Data Center and Server Security

Industrial Internet, Energy, Power and IoT Terminals

#### 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

QuantumCTek

Toshiba Digital Solutions

NEC

Quside Technologies

QuintessenceLabs

Quantum Dice

KETS Quantum Security

QNu Labs

Qrypt

Quantum Computing Inc.

Suzhou China-Core Technology

Hefei GZ iChip Technology

Shenzhen KD Quantum Information Technology

QuDoor Quantum Technologies

TuringQ

Shanghai XT Quantum Technology

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Quantum Random Number Encryption Card market?

What factors are driving Quantum Random Number Encryption Card market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?  
How do Quantum Random Number Encryption Card market opportunities vary by end market size?  
How does Quantum Random Number Encryption 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 Quantum Random Number Encryption Card Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Quantum Random Number Encryption Card by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Quantum Random Number Encryption Card by Country/Region, 2021, 2025 & 2032

#### 2.2 Quantum Random Number Encryption Card Segment by Type

- 2.2.1 Quantum Random Number Generator Card
- 2.2.2 Quantum Random Number Cryptographic Card
- 2.2.3 Quantum-Enhanced Cryptographic Card
- 2.2.4 Quantum-Resistant / Post-Quantum Cryptographic Card
- 2.2.5 Quantum Random Number Encryption Card Sales by Type
  - 2.2.5.1 Global Quantum Random Number Encryption Card Sales Market Share by Type (2021-2026)
  - 2.2.5.2 Global Quantum Random Number Encryption Card Revenue and Market Share by Type (2021-2026)
  - 2.2.5.3 Global Quantum Random Number Encryption Card Sale Price by Type (2021-2026)

#### 2.3 Quantum Random Number Encryption Card Segment by Hardware Configuration

- 2.3.1 PCIe Quantum Random Number Cryptographic Card
- 2.3.2 Board-level QRNG Card
- 2.3.3 USB / External QRNG Module
- 2.3.4 Chip-level QRNG Module
- 2.3.5 Quantum Random Number Encryption Card Sales by Hardware Configuration

2.3.5.1 Global Quantum Random Number Encryption Card Sales Market Share by Hardware Configuration (2021-2026)

2.3.5.2 Global Quantum Random Number Encryption Card Revenue and Market Share by Hardware Configuration (2021-2026)

2.3.5.3 Global Quantum Random Number Encryption Card Sale Price by Hardware Configuration (2021-2026)

2.4 Quantum Random Number Encryption Card Segment by Random Number Generation Rate

2.4.1 Low-speed QRNG Cryptographic Card

2.4.2 Medium-speed QRNG Cryptographic Card

2.4.3 High-speed QRNG Cryptographic Card

2.4.4 Ultra-high-speed QRNG Cryptographic Card

2.4.5 Quantum Random Number Encryption Card Sales by Random Number Generation Rate

2.4.5.1 Global Quantum Random Number Encryption Card Sales Market Share by Random Number Generation Rate (2021-2026)

2.4.5.2 Global Quantum Random Number Encryption Card Revenue and Market Share by Random Number Generation Rate (2021-2026)

2.4.5.3 Global Quantum Random Number Encryption Card Sale Price by Random Number Generation Rate (2021-2026)

2.5 Quantum Random Number Encryption Card Segment by Application

2.5.1 Government, Defense and Critical Infrastructure

2.5.2 Banking, Payment and Data Security

2.5.3 Telecom Operators and Quantum-secure Communication Networks

2.5.4 Cloud, Data Center and Server Security

2.5.5 Industrial Internet, Energy, Power and IoT Terminals

2.5.6 Quantum Random Number Encryption Card Sales by Application

2.5.6.1 Global Quantum Random Number Encryption Card Sale Market Share by Application (2021-2026)

2.5.6.2 Global Quantum Random Number Encryption Card Revenue and Market Share by Application (2021-2026)

2.5.6.3 Global Quantum Random Number Encryption Card Sale Price by Application (2021-2026)

### **3 GLOBAL BY COMPANY**

3.1 Global Quantum Random Number Encryption Card Breakdown Data by Company

3.1.1 Global Quantum Random Number Encryption Card Annual Sales by Company (2021-2026)

- 3.1.2 Global Quantum Random Number Encryption Card Sales Market Share by Company (2021-2026)
- 3.2 Global Quantum Random Number Encryption Card Annual Revenue by Company (2021-2026)
  - 3.2.1 Global Quantum Random Number Encryption Card Revenue by Company (2021-2026)
  - 3.2.2 Global Quantum Random Number Encryption Card Revenue Market Share by Company (2021-2026)
- 3.3 Global Quantum Random Number Encryption Card Sale Price by Company
- 3.4 Key Manufacturers Quantum Random Number Encryption Card Producing Area Distribution, Sales Area, Product Type
  - 3.4.1 Key Manufacturers Quantum Random Number Encryption Card Product Location Distribution
  - 3.4.2 Players Quantum Random Number Encryption 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 QUANTUM RANDOM NUMBER ENCRYPTION CARD BY GEOGRAPHIC REGION**

- 4.1 World Historic Quantum Random Number Encryption Card Market Size by Geographic Region (2021-2026)
  - 4.1.1 Global Quantum Random Number Encryption Card Annual Sales by Geographic Region (2021-2026)
  - 4.1.2 Global Quantum Random Number Encryption Card Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic Quantum Random Number Encryption Card Market Size by Country/Region (2021-2026)
  - 4.2.1 Global Quantum Random Number Encryption Card Annual Sales by Country/Region (2021-2026)
  - 4.2.2 Global Quantum Random Number Encryption Card Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas Quantum Random Number Encryption Card Sales Growth
- 4.4 APAC Quantum Random Number Encryption Card Sales Growth
- 4.5 Europe Quantum Random Number Encryption Card Sales Growth
- 4.6 Middle East & Africa Quantum Random Number Encryption Card Sales Growth

## **5 AMERICAS**

### **5.1 Americas Quantum Random Number Encryption Card Sales by Country**

5.1.1 Americas Quantum Random Number Encryption Card Sales by Country  
(2021-2026)

5.1.2 Americas Quantum Random Number Encryption Card Revenue by Country  
(2021-2026)

### **5.2 Americas Quantum Random Number Encryption Card Sales by Type (2021-2026)**

5.3 Americas Quantum Random Number Encryption Card Sales by Application  
(2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

### **6.1 APAC Quantum Random Number Encryption Card Sales by Region**

6.1.1 APAC Quantum Random Number Encryption Card Sales by Region (2021-2026)

6.1.2 APAC Quantum Random Number Encryption Card Revenue by Region  
(2021-2026)

### **6.2 APAC Quantum Random Number Encryption Card Sales by Type (2021-2026)**

6.3 APAC Quantum Random Number Encryption 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 Quantum Random Number Encryption Card by Country**

7.1.1 Europe Quantum Random Number Encryption Card Sales by Country  
(2021-2026)

7.1.2 Europe Quantum Random Number Encryption Card Revenue by Country

(2021-2026)

7.2 Europe Quantum Random Number Encryption Card Sales by Type (2021-2026)

7.3 Europe Quantum Random Number Encryption 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 Quantum Random Number Encryption Card by Country

8.1.1 Middle East & Africa Quantum Random Number Encryption Card Sales by Country (2021-2026)

8.1.2 Middle East & Africa Quantum Random Number Encryption Card Revenue by Country (2021-2026)

8.2 Middle East & Africa Quantum Random Number Encryption Card Sales by Type (2021-2026)

8.3 Middle East & Africa Quantum Random Number Encryption 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 Quantum Random Number Encryption Card

10.3 Manufacturing Process Analysis of Quantum Random Number Encryption Card

## 10.4 Industry Chain Structure of Quantum Random Number Encryption Card

## 11 MARKETING, DISTRIBUTORS AND CUSTOMER

### 11.1 Sales Channel

#### 11.1.1 Direct Channels

#### 11.1.2 Indirect Channels

### 11.2 Quantum Random Number Encryption Card Distributors

### 11.3 Quantum Random Number Encryption Card Customer

## 12 WORLD FORECAST REVIEW FOR QUANTUM RANDOM NUMBER ENCRYPTION CARD BY GEOGRAPHIC REGION

### 12.1 Global Quantum Random Number Encryption Card Market Size Forecast by Region

#### 12.1.1 Global Quantum Random Number Encryption Card Forecast by Region (2027-2032)

#### 12.1.2 Global Quantum Random Number Encryption 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 Quantum Random Number Encryption Card Forecast by Type (2027-2032)

### 12.7 Global Quantum Random Number Encryption Card Forecast by Application (2027-2032)

## 13 KEY PLAYERS ANALYSIS

### 13.1 ID Quantique

#### 13.1.1 ID Quantique Company Information

#### 13.1.2 ID Quantique Quantum Random Number Encryption Card Product Portfolios and Specifications

#### 13.1.3 ID Quantique Quantum Random Number Encryption Card Sales, Revenue, Price and Gross Margin (2021-2026)

#### 13.1.4 ID Quantique Main Business Overview

#### 13.1.5 ID Quantique Latest Developments

### 13.2 QuantumCTek

#### 13.2.1 QuantumCTek Company Information

13.2.2 QuantumCTek Quantum Random Number Encryption Card Product Portfolios and Specifications

13.2.3 QuantumCTek Quantum Random Number Encryption Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 QuantumCTek Main Business Overview

13.2.5 QuantumCTek Latest Developments

13.3 Toshiba Digital Solutions

13.3.1 Toshiba Digital Solutions Company Information

13.3.2 Toshiba Digital Solutions Quantum Random Number Encryption Card Product Portfolios and Specifications

13.3.3 Toshiba Digital Solutions Quantum Random Number Encryption Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Toshiba Digital Solutions Main Business Overview

13.3.5 Toshiba Digital Solutions Latest Developments

13.4 NEC

13.4.1 NEC Company Information

13.4.2 NEC Quantum Random Number Encryption Card Product Portfolios and Specifications

13.4.3 NEC Quantum Random Number Encryption Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 NEC Main Business Overview

13.4.5 NEC Latest Developments

13.5 Quside Technologies

13.5.1 Quside Technologies Company Information

13.5.2 Quside Technologies Quantum Random Number Encryption Card Product Portfolios and Specifications

13.5.3 Quside Technologies Quantum Random Number Encryption Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Quside Technologies Main Business Overview

13.5.5 Quside Technologies Latest Developments

13.6 QuintessenceLabs

13.6.1 QuintessenceLabs Company Information

13.6.2 QuintessenceLabs Quantum Random Number Encryption Card Product Portfolios and Specifications

13.6.3 QuintessenceLabs Quantum Random Number Encryption Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 QuintessenceLabs Main Business Overview

13.6.5 QuintessenceLabs Latest Developments

13.7 Quantum Dice

- 13.7.1 Quantum Dice Company Information
- 13.7.2 Quantum Dice Quantum Random Number Encryption Card Product Portfolios and Specifications
- 13.7.3 Quantum Dice Quantum Random Number Encryption Card Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.7.4 Quantum Dice Main Business Overview
- 13.7.5 Quantum Dice Latest Developments
- 13.8 KETS Quantum Security
  - 13.8.1 KETS Quantum Security Company Information
  - 13.8.2 KETS Quantum Security Quantum Random Number Encryption Card Product Portfolios and Specifications
  - 13.8.3 KETS Quantum Security Quantum Random Number Encryption Card Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.8.4 KETS Quantum Security Main Business Overview
  - 13.8.5 KETS Quantum Security Latest Developments
- 13.9 QNu Labs
  - 13.9.1 QNu Labs Company Information
  - 13.9.2 QNu Labs Quantum Random Number Encryption Card Product Portfolios and Specifications
  - 13.9.3 QNu Labs Quantum Random Number Encryption Card Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.9.4 QNu Labs Main Business Overview
  - 13.9.5 QNu Labs Latest Developments
- 13.10 Qrypt
  - 13.10.1 Qrypt Company Information
  - 13.10.2 Qrypt Quantum Random Number Encryption Card Product Portfolios and Specifications
  - 13.10.3 Qrypt Quantum Random Number Encryption Card Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.10.4 Qrypt Main Business Overview
  - 13.10.5 Qrypt Latest Developments
- 13.11 Quantum Computing Inc.
  - 13.11.1 Quantum Computing Inc. Company Information
  - 13.11.2 Quantum Computing Inc. Quantum Random Number Encryption Card Product Portfolios and Specifications
  - 13.11.3 Quantum Computing Inc. Quantum Random Number Encryption Card Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.11.4 Quantum Computing Inc. Main Business Overview
  - 13.11.5 Quantum Computing Inc. Latest Developments

### 13.12 Suzhou China-Core Technology

#### 13.12.1 Suzhou China-Core Technology Company Information

#### 13.12.2 Suzhou China-Core Technology Quantum Random Number Encryption Card Product Portfolios and Specifications

#### 13.12.3 Suzhou China-Core Technology Quantum Random Number Encryption Card Sales, Revenue, Price and Gross Margin (2021-2026)

#### 13.12.4 Suzhou China-Core Technology Main Business Overview

#### 13.12.5 Suzhou China-Core Technology Latest Developments

### 13.13 Hefei GZ iChip Technology

#### 13.13.1 Hefei GZ iChip Technology Company Information

#### 13.13.2 Hefei GZ iChip Technology Quantum Random Number Encryption Card Product Portfolios and Specifications

#### 13.13.3 Hefei GZ iChip Technology Quantum Random Number Encryption Card Sales, Revenue, Price and Gross Margin (2021-2026)

#### 13.13.4 Hefei GZ iChip Technology Main Business Overview

#### 13.13.5 Hefei GZ iChip Technology Latest Developments

### 13.14 Shenzhen KD Quantum Information Technology

#### 13.14.1 Shenzhen KD Quantum Information Technology Company Information

#### 13.14.2 Shenzhen KD Quantum Information Technology Quantum Random Number Encryption Card Product Portfolios and Specifications

#### 13.14.3 Shenzhen KD Quantum Information Technology Quantum Random Number Encryption Card Sales, Revenue, Price and Gross Margin (2021-2026)

#### 13.14.4 Shenzhen KD Quantum Information Technology Main Business Overview

#### 13.14.5 Shenzhen KD Quantum Information Technology Latest Developments

### 13.15 QuDoor Quantum Technologies

#### 13.15.1 QuDoor Quantum Technologies Company Information

#### 13.15.2 QuDoor Quantum Technologies Quantum Random Number Encryption Card Product Portfolios and Specifications

#### 13.15.3 QuDoor Quantum Technologies Quantum Random Number Encryption Card Sales, Revenue, Price and Gross Margin (2021-2026)

#### 13.15.4 QuDoor Quantum Technologies Main Business Overview

#### 13.15.5 QuDoor Quantum Technologies Latest Developments

### 13.16 TuringQ

#### 13.16.1 TuringQ Company Information

#### 13.16.2 TuringQ Quantum Random Number Encryption Card Product Portfolios and Specifications

#### 13.16.3 TuringQ Quantum Random Number Encryption Card Sales, Revenue, Price and Gross Margin (2021-2026)

#### 13.16.4 TuringQ Main Business Overview

13.16.5 TuringQ Latest Developments

13.17 Shanghai XT Quantum Technology

13.17.1 Shanghai XT Quantum Technology Company Information

13.17.2 Shanghai XT Quantum Technology Quantum Random Number Encryption  
Card Product Portfolios and Specifications

13.17.3 Shanghai XT Quantum Technology Quantum Random Number Encryption  
Card Sales, Revenue, Price and Gross Margin (2021-2026)

13.17.4 Shanghai XT Quantum Technology Main Business Overview

13.17.5 Shanghai XT Quantum Technology Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

- Table 1. Quantum Random Number Encryption Card Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Table 2. Quantum Random Number Encryption Card Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)
- Table 3. Major Players of Quantum Random Number Generator Card
- Table 4. Major Players of Quantum Random Number Cryptographic Card
- Table 5. Major Players of Quantum-Enhanced Cryptographic Card
- Table 6. Major Players of Quantum-Resistant / Post-Quantum Cryptographic Card
- Table 7. Global Quantum Random Number Encryption Card Sales by Type (2021-2026) & (K Pcs)
- Table 8. Global Quantum Random Number Encryption Card Sales Market Share by Type (2021-2026)
- Table 9. Global Quantum Random Number Encryption Card Revenue by Type (2021-2026) & (\$ million)
- Table 10. Global Quantum Random Number Encryption Card Revenue Market Share by Type (2021-2026)
- Table 11. Global Quantum Random Number Encryption Card Sale Price by Type (2021-2026) & (US\$/Pcs)
- Table 12. Major Players of PCIe Quantum Random Number Cryptographic Card
- Table 13. Major Players of Board-level QRNG Card
- Table 14. Major Players of USB / External QRNG Module
- Table 15. Major Players of Chip-level QRNG Module
- Table 16. Global Quantum Random Number Encryption Card Sales by Hardware Configuration (2021-2026) & (K Pcs)
- Table 17. Global Quantum Random Number Encryption Card Sales Market Share by Hardware Configuration (2021-2026)
- Table 18. Global Quantum Random Number Encryption Card Revenue by Hardware Configuration (2021-2026) & (\$ million)
- Table 19. Global Quantum Random Number Encryption Card Revenue Market Share by Hardware Configuration (2021-2026)
- Table 20. Global Quantum Random Number Encryption Card Sale Price by Hardware Configuration (2021-2026) & (US\$/Pcs)
- Table 21. Major Players of Low-speed QRNG Cryptographic Card
- Table 22. Major Players of Medium-speed QRNG Cryptographic Card
- Table 23. Major Players of High-speed QRNG Cryptographic Card

|                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------|
| Table 24. Major Players of Ultra-high-speed QRNG Cryptographic Card                                                         |
| Table 25. Global Quantum Random Number Encryption Card Sales by Random Number Generation Rate (2021-2026) & (K Pcs)         |
| Table 26. Global Quantum Random Number Encryption Card Sales Market Share by Random Number Generation Rate (2021-2026)      |
| Table 27. Global Quantum Random Number Encryption Card Revenue by Random Number Generation Rate (2021-2026) & (\$ million)  |
| Table 28. Global Quantum Random Number Encryption Card Revenue Market Share by Random Number Generation Rate (2021-2026)    |
| Table 29. Global Quantum Random Number Encryption Card Sale Price by Random Number Generation Rate (2021-2026) & (US\$/Pcs) |
| Table 30. Global Quantum Random Number Encryption Card Sale by Application (2021-2026) & (K Pcs)                            |
| Table 31. Global Quantum Random Number Encryption Card Sale Market Share by Application (2021-2026)                         |
| Table 32. Global Quantum Random Number Encryption Card Revenue by Application (2021-2026) & (\$ million)                    |
| Table 33. Global Quantum Random Number Encryption Card Revenue Market Share by Application (2021-2026)                      |
| Table 34. Global Quantum Random Number Encryption Card Sale Price by Application (2021-2026) & (US\$/Pcs)                   |
| Table 35. Global Quantum Random Number Encryption Card Sales by Company (2021-2026) & (K Pcs)                               |
| Table 36. Global Quantum Random Number Encryption Card Sales Market Share by Company (2021-2026)                            |
| Table 37. Global Quantum Random Number Encryption Card Revenue by Company (2021-2026) & (\$ millions)                       |
| Table 38. Global Quantum Random Number Encryption Card Revenue Market Share by Company (2021-2026)                          |
| Table 39. Global Quantum Random Number Encryption Card Sale Price by Company (2021-2026) & (US\$/Pcs)                       |
| Table 40. Key Manufacturers Quantum Random Number Encryption Card Producing Area Distribution and Sales Area                |
| Table 41. Players Quantum Random Number Encryption Card Products Offered                                                    |
| Table 42. Quantum Random Number Encryption Card Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)                       |
| Table 43. New Products and Potential Entrants                                                                               |
| Table 44. Market M&A Activity & Strategy                                                                                    |
| Table 45. Global Quantum Random Number Encryption Card Sales by Geographic                                                  |

Region (2021-2026) & (K Pcs)

Table 46. Global Quantum Random Number Encryption Card Sales Market Share

Geographic Region (2021-2026)

Table 47. Global Quantum Random Number Encryption Card Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 48. Global Quantum Random Number Encryption Card Revenue Market Share by Geographic Region (2021-2026)

Table 49. Global Quantum Random Number Encryption Card Sales by Country/Region (2021-2026) & (K Pcs)

Table 50. Global Quantum Random Number Encryption Card Sales Market Share by Country/Region (2021-2026)

Table 51. Global Quantum Random Number Encryption Card Revenue by Country/Region (2021-2026) & (\$ millions)

Table 52. Global Quantum Random Number Encryption Card Revenue Market Share by Country/Region (2021-2026)

Table 53. Americas Quantum Random Number Encryption Card Sales by Country (2021-2026) & (K Pcs)

Table 54. Americas Quantum Random Number Encryption Card Sales Market Share by Country (2021-2026)

Table 55. Americas Quantum Random Number Encryption Card Revenue by Country (2021-2026) & (\$ millions)

Table 56. Americas Quantum Random Number Encryption Card Sales by Type (2021-2026) & (K Pcs)

Table 57. Americas Quantum Random Number Encryption Card Sales by Application (2021-2026) & (K Pcs)

Table 58. APAC Quantum Random Number Encryption Card Sales by Region (2021-2026) & (K Pcs)

Table 59. APAC Quantum Random Number Encryption Card Sales Market Share by Region (2021-2026)

Table 60. APAC Quantum Random Number Encryption Card Revenue by Region (2021-2026) & (\$ millions)

Table 61. APAC Quantum Random Number Encryption Card Sales by Type (2021-2026) & (K Pcs)

Table 62. APAC Quantum Random Number Encryption Card Sales by Application (2021-2026) & (K Pcs)

Table 63. Europe Quantum Random Number Encryption Card Sales by Country (2021-2026) & (K Pcs)

Table 64. Europe Quantum Random Number Encryption Card Revenue by Country (2021-2026) & (\$ millions)

|                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------|
| Table 65. Europe Quantum Random Number Encryption Card Sales by Type (2021-2026) & (K Pcs)                              |
| Table 66. Europe Quantum Random Number Encryption Card Sales by Application (2021-2026) & (K Pcs)                       |
| Table 67. Middle East & Africa Quantum Random Number Encryption Card Sales by Country (2021-2026) & (K Pcs)             |
| Table 68. Middle East & Africa Quantum Random Number Encryption Card Revenue Market Share by Country (2021-2026)        |
| Table 69. Middle East & Africa Quantum Random Number Encryption Card Sales by Type (2021-2026) & (K Pcs)                |
| Table 70. Middle East & Africa Quantum Random Number Encryption Card Sales by Application (2021-2026) & (K Pcs)         |
| Table 71. Key Market Drivers & Growth Opportunities of Quantum Random Number Encryption Card                            |
| Table 72. Key Market Challenges & Risks of Quantum Random Number Encryption Card                                        |
| Table 73. Key Industry Trends of Quantum Random Number Encryption Card                                                  |
| Table 74. Quantum Random Number Encryption Card Raw Material                                                            |
| Table 75. Key Suppliers of Raw Materials                                                                                |
| Table 76. Quantum Random Number Encryption Card Distributors List                                                       |
| Table 77. Quantum Random Number Encryption Card Customer List                                                           |
| Table 78. Global Quantum Random Number Encryption Card Sales Forecast by Region (2027-2032) & (K Pcs)                   |
| Table 79. Global Quantum Random Number Encryption Card Revenue Forecast by Region (2027-2032) & (\$ millions)           |
| Table 80. Americas Quantum Random Number Encryption Card Sales Forecast by Country (2027-2032) & (K Pcs)                |
| Table 81. Americas Quantum Random Number Encryption Card Annual Revenue Forecast by Country (2027-2032) & (\$ millions) |
| Table 82. APAC Quantum Random Number Encryption Card Sales Forecast by Region (2027-2032) & (K Pcs)                     |
| Table 83. APAC Quantum Random Number Encryption Card Annual Revenue Forecast by Region (2027-2032) & (\$ millions)      |
| Table 84. Europe Quantum Random Number Encryption Card Sales Forecast by Country (2027-2032) & (K Pcs)                  |
| Table 85. Europe Quantum Random Number Encryption Card Revenue Forecast by Country (2027-2032) & (\$ millions)          |
| Table 86. Middle East & Africa Quantum Random Number Encryption Card Sales Forecast by Country (2027-2032) & (K Pcs)    |

Table 87. Middle East & Africa Quantum Random Number Encryption Card Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 88. Global Quantum Random Number Encryption Card Sales Forecast by Type (2027-2032) & (K Pcs)

Table 89. Global Quantum Random Number Encryption Card Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 90. Global Quantum Random Number Encryption Card Sales Forecast by Application (2027-2032) & (K Pcs)

Table 91. Global Quantum Random Number Encryption Card Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 92. ID Quantique Basic Information, Quantum Random Number Encryption Card Manufacturing Base, Sales Area and Its Competitors

Table 93. ID Quantique Quantum Random Number Encryption Card Product Portfolios and Specifications

Table 94. ID Quantique Quantum Random Number Encryption Card Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pcs) and Gross Margin (2021-2026)

Table 95. ID Quantique Main Business

Table 96. ID Quantique Latest Developments

Table 97. QuantumCTek Basic Information, Quantum Random Number Encryption Card Manufacturing Base, Sales Area and Its Competitors

Table 98. QuantumCTek Quantum Random Number Encryption Card Product Portfolios and Specifications

Table 99. QuantumCTek Quantum Random Number Encryption Card Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pcs) and Gross Margin (2021-2026)

Table 100. QuantumCTek Main Business

Table 101. QuantumCTek Latest Developments

Table 102. Toshiba Digital Solutions Basic Information, Quantum Random Number Encryption Card Manufacturing Base, Sales Area and Its Competitors

Table 103. Toshiba Digital Solutions Quantum Random Number Encryption Card Product Portfolios and Specifications

Table 104. Toshiba Digital Solutions Quantum Random Number Encryption Card Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pcs) and Gross Margin (2021-2026)

Table 105. Toshiba Digital Solutions Main Business

Table 106. Toshiba Digital Solutions Latest Developments

Table 107. NEC Basic Information, Quantum Random Number Encryption Card Manufacturing Base, Sales Area and Its Competitors

Table 108. NEC Quantum Random Number Encryption Card Product Portfolios and Specifications

Table 109. NEC Quantum Random Number Encryption Card Sales (K Pcs), Revenue (\$

Million), Price (US\$/Pcs) and Gross Margin (2021-2026)

Table 110. NEC Main Business

Table 111. NEC Latest Developments

Table 112. Quside Technologies Basic Information, Quantum Random Number Encryption Card Manufacturing Base, Sales Area and Its Competitors

Table 113. Quside Technologies Quantum Random Number Encryption Card Product Portfolios and Specifications

Table 114. Quside Technologies Quantum Random Number Encryption Card Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pcs) and Gross Margin (2021-2026)

Table 115. Quside Technologies Main Business

Table 116. Quside Technologies Latest Developments

Table 117. QuintessenceLabs Basic Information, Quantum Random Number Encryption Card Manufacturing Base, Sales Area and Its Competitors

Table 118. QuintessenceLabs Quantum Random Number Encryption Card Product Portfolios and Specifications

Table 119. QuintessenceLabs Quantum Random Number Encryption Card Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pcs) and Gross Margin (2021-2026)

Table 120. QuintessenceLabs Main Business

Table 121. QuintessenceLabs Latest Developments

Table 122. Quantum Dice Basic Information, Quantum Random Number Encryption Card Manufacturing Base, Sales Area and Its Competitors

Table 123. Quantum Dice Quantum Random Number Encryption Card Product Portfolios and Specifications

Table 124. Quantum Dice Quantum Random Number Encryption Card Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pcs) and Gross Margin (2021-2026)

Table 125. Quantum Dice Main Business

Table 126. Quantum Dice Latest Developments

Table 127. KETS Quantum Security Basic Information, Quantum Random Number Encryption Card Manufacturing Base, Sales Area and Its Competitors

Table 128. KETS Quantum Security Quantum Random Number Encryption Card Product Portfolios and Specifications

Table 129. KETS Quantum Security Quantum Random Number Encryption Card Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pcs) and Gross Margin (2021-2026)

Table 130. KETS Quantum Security Main Business

Table 131. KETS Quantum Security Latest Developments

Table 132. QNu Labs Basic Information, Quantum Random Number Encryption Card Manufacturing Base, Sales Area and Its Competitors

Table 133. QNu Labs Quantum Random Number Encryption Card Product Portfolios and Specifications

Table 134. QNu Labs Quantum Random Number Encryption Card Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pcs) and Gross Margin (2021-2026)

Table 135. QNu Labs Main Business

Table 136. QNu Labs Latest Developments

Table 137. Qrypt Basic Information, Quantum Random Number Encryption Card Manufacturing Base, Sales Area and Its Competitors

Table 138. Qrypt Quantum Random Number Encryption Card Product Portfolios and Specifications

Table 139. Qrypt Quantum Random Number Encryption Card Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pcs) and Gross Margin (2021-2026)

Table 140. Qrypt Main Business

Table 141. Qrypt Latest Developments

Table 142. Quantum Computing Inc. Basic Information, Quantum Random Number Encryption Card Manufacturing Base, Sales Area and Its Competitors

Table 143. Quantum Computing Inc. Quantum Random Number Encryption Card Product Portfolios and Specifications

Table 144. Quantum Computing Inc. Quantum Random Number Encryption Card Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pcs) and Gross Margin (2021-2026)

Table 145. Quantum Computing Inc. Main Business

Table 146. Quantum Computing Inc. Latest Developments

Table 147. Suzhou China-Core Technology Basic Information, Quantum Random Number Encryption Card Manufacturing Base, Sales Area and Its Competitors

Table 148. Suzhou China-Core Technology Quantum Random Number Encryption Card Product Portfolios and Specifications

Table 149. Suzhou China-Core Technology Quantum Random Number Encryption Card Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pcs) and Gross Margin (2021-2026)

Table 150. Suzhou China-Core Technology Main Business

Table 151. Suzhou China-Core Technology Latest Developments

Table 152. Hefei GZ iChip Technology Basic Information, Quantum Random Number Encryption Card Manufacturing Base, Sales Area and Its Competitors

Table 153. Hefei GZ iChip Technology Quantum Random Number Encryption Card Product Portfolios and Specifications

Table 154. Hefei GZ iChip Technology Quantum Random Number Encryption Card Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pcs) and Gross Margin (2021-2026)

Table 155. Hefei GZ iChip Technology Main Business

Table 156. Hefei GZ iChip Technology Latest Developments

Table 157. Shenzhen KD Quantum Information Technology Basic Information, Quantum Random Number Encryption Card Manufacturing Base, Sales Area and Its Competitors

Table 158. Shenzhen KD Quantum Information Technology Quantum Random Number

## Encryption Card Product Portfolios and Specifications

Table 159. Shenzhen KD Quantum Information Technology Quantum Random Number Encryption Card Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pcs) and Gross Margin (2021-2026)

Table 160. Shenzhen KD Quantum Information Technology Main Business

Table 161. Shenzhen KD Quantum Information Technology Latest Developments

Table 162. QuDoor Quantum Technologies Basic Information, Quantum Random Number Encryption Card Manufacturing Base, Sales Area and Its Competitors

Table 163. QuDoor Quantum Technologies Quantum Random Number Encryption Card Product Portfolios and Specifications

Table 164. QuDoor Quantum Technologies Quantum Random Number Encryption Card Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pcs) and Gross Margin (2021-2026)

Table 165. QuDoor Quantum Technologies Main Business

Table 166. QuDoor Quantum Technologies Latest Developments

Table 167. TuringQ Basic Information, Quantum Random Number Encryption Card Manufacturing Base, Sales Area and Its Competitors

Table 168. TuringQ Quantum Random Number Encryption Card Product Portfolios and Specifications

Table 169. TuringQ Quantum Random Number Encryption Card Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pcs) and Gross Margin (2021-2026)

Table 170. TuringQ Main Business

Table 171. TuringQ Latest Developments

Table 172. Shanghai XT Quantum Technology Basic Information, Quantum Random Number Encryption Card Manufacturing Base, Sales Area and Its Competitors

Table 173. Shanghai XT Quantum Technology Quantum Random Number Encryption Card Product Portfolios and Specifications

Table 174. Shanghai XT Quantum Technology Quantum Random Number Encryption Card Sales (K Pcs), Revenue (\$ Million), Price (US\$/Pcs) and Gross Margin (2021-2026)

Table 175. Shanghai XT Quantum Technology Main Business

Table 176. Shanghai XT Quantum Technology Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Quantum Random Number Encryption Card
- Figure 2. Quantum Random Number Encryption Card Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Quantum Random Number Encryption Card Sales Growth Rate 2021-2032 (K Pcs)
- Figure 7. Global Quantum Random Number Encryption Card Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Quantum Random Number Encryption Card Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Quantum Random Number Encryption Card Sales Market Share by Country/Region (2025)
- Figure 10. Quantum Random Number Encryption Card Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Quantum Random Number Generator Card
- Figure 12. Product Picture of Quantum Random Number Cryptographic Card
- Figure 13. Product Picture of Quantum-Enhanced Cryptographic Card
- Figure 14. Product Picture of Quantum-Resistant / Post-Quantum Cryptographic Card
- Figure 15. Global Quantum Random Number Encryption Card Sales Market Share by Type in 2026
- Figure 16. Global Quantum Random Number Encryption Card Revenue Market Share by Type (2021-2026)
- Figure 17. Product Picture of PCIe Quantum Random Number Cryptographic Card
- Figure 18. Product Picture of Board-level QRNG Card
- Figure 19. Product Picture of USB / External QRNG Module
- Figure 20. Product Picture of Chip-level QRNG Module
- Figure 21. Global Quantum Random Number Encryption Card Sales Market Share by Hardware Configuration in 2026
- Figure 22. Global Quantum Random Number Encryption Card Revenue Market Share by Hardware Configuration (2021-2026)
- Figure 23. Product Picture of Low-speed QRNG Cryptographic Card
- Figure 24. Product Picture of Medium-speed QRNG Cryptographic Card
- Figure 25. Product Picture of High-speed QRNG Cryptographic Card
- Figure 26. Product Picture of Ultra-high-speed QRNG Cryptographic Card

Figure 27. Global Quantum Random Number Encryption Card Sales Market Share by Random Number Generation Rate in 2026

Figure 28. Global Quantum Random Number Encryption Card Revenue Market Share by Random Number Generation Rate (2021-2026)

Figure 29. Quantum Random Number Encryption Card Consumed in Government, Defense and Critical Infrastructure

Figure 30. Global Quantum Random Number Encryption Card Market: Government, Defense and Critical Infrastructure (2021-2026) & (K Pcs)

Figure 31. Quantum Random Number Encryption Card Consumed in Banking, Payment and Data Security

Figure 32. Global Quantum Random Number Encryption Card Market: Banking, Payment and Data Security (2021-2026) & (K Pcs)

Figure 33. Quantum Random Number Encryption Card Consumed in Telecom Operators and Quantum-secure Communication Networks

Figure 34. Global Quantum Random Number Encryption Card Market: Telecom Operators and Quantum-secure Communication Networks (2021-2026) & (K Pcs)

Figure 35. Quantum Random Number Encryption Card Consumed in Cloud, Data Center and Server Security

Figure 36. Global Quantum Random Number Encryption Card Market: Cloud, Data Center and Server Security (2021-2026) & (K Pcs)

Figure 37. Quantum Random Number Encryption Card Consumed in Industrial Internet, Energy, Power and IoT Terminals

Figure 38. Global Quantum Random Number Encryption Card Market: Industrial Internet, Energy, Power and IoT Terminals (2021-2026) & (K Pcs)

Figure 39. Global Quantum Random Number Encryption Card Sale Market Share by Application (2025)

Figure 40. Global Quantum Random Number Encryption Card Revenue Market Share by Application in 2025

Figure 41. Quantum Random Number Encryption Card Sales by Company in 2025 (K Pcs)

Figure 42. Global Quantum Random Number Encryption Card Sales Market Share by Company in 2025

Figure 43. Quantum Random Number Encryption Card Revenue by Company in 2025 (\$ millions)

Figure 44. Global Quantum Random Number Encryption Card Revenue Market Share by Company in 2025

Figure 45. Global Quantum Random Number Encryption Card Sales Market Share by Geographic Region (2021-2026)

Figure 46. Global Quantum Random Number Encryption Card Revenue Market Share

by Geographic Region in 2025

Figure 47. Americas Quantum Random Number Encryption Card Sales 2021-2026 (K Pcs)

Figure 48. Americas Quantum Random Number Encryption Card Revenue 2021-2026 (\$ millions)

Figure 49. APAC Quantum Random Number Encryption Card Sales 2021-2026 (K Pcs)

Figure 50. APAC Quantum Random Number Encryption Card Revenue 2021-2026 (\$ millions)

Figure 51. Europe Quantum Random Number Encryption Card Sales 2021-2026 (K Pcs)

Figure 52. Europe Quantum Random Number Encryption Card Revenue 2021-2026 (\$ millions)

Figure 53. Middle East & Africa Quantum Random Number Encryption Card Sales 2021-2026 (K Pcs)

Figure 54. Middle East & Africa Quantum Random Number Encryption Card Revenue 2021-2026 (\$ millions)

Figure 55. Americas Quantum Random Number Encryption Card Sales Market Share by Country in 2025

Figure 56. Americas Quantum Random Number Encryption Card Revenue Market Share by Country (2021-2026)

Figure 57. Americas Quantum Random Number Encryption Card Sales Market Share by Type (2021-2026)

Figure 58. Americas Quantum Random Number Encryption Card Sales Market Share by Application (2021-2026)

Figure 59. United States Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 60. Canada Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 61. Mexico Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 62. Brazil Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 63. APAC Quantum Random Number Encryption Card Sales Market Share by Region in 2025

Figure 64. APAC Quantum Random Number Encryption Card Revenue Market Share by Region (2021-2026)

Figure 65. APAC Quantum Random Number Encryption Card Sales Market Share by Type (2021-2026)

Figure 66. APAC Quantum Random Number Encryption Card Sales Market Share by

Application (2021-2026)

Figure 67. China Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 68. Japan Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 69. South Korea Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 70. Southeast Asia Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 71. India Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 72. Australia Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 73. China Taiwan Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 74. Europe Quantum Random Number Encryption Card Sales Market Share by Country in 2025

Figure 75. Europe Quantum Random Number Encryption Card Revenue Market Share by Country (2021-2026)

Figure 76. Europe Quantum Random Number Encryption Card Sales Market Share by Type (2021-2026)

Figure 77. Europe Quantum Random Number Encryption Card Sales Market Share by Application (2021-2026)

Figure 78. Germany Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 79. France Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 80. UK Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 81. Italy Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 82. Russia Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 83. Middle East & Africa Quantum Random Number Encryption Card Sales Market Share by Country (2021-2026)

Figure 84. Middle East & Africa Quantum Random Number Encryption Card Sales Market Share by Type (2021-2026)

Figure 85. Middle East & Africa Quantum Random Number Encryption Card Sales Market Share by Application (2021-2026)

Figure 86. Egypt Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 87. South Africa Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 88. Israel Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 89. Turkey Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 90. GCC Countries Quantum Random Number Encryption Card Revenue Growth 2021-2026 (\$ millions)

Figure 91. Manufacturing Cost Structure Analysis of Quantum Random Number Encryption Card in 2026

Figure 92. Manufacturing Process Analysis of Quantum Random Number Encryption Card

Figure 93. Industry Chain Structure of Quantum Random Number Encryption Card

Figure 94. Channels of Distribution

Figure 95. Global Quantum Random Number Encryption Card Sales Market Forecast by Region (2027-2032)

Figure 96. Global Quantum Random Number Encryption Card Revenue Market Share Forecast by Region (2027-2032)

Figure 97. Global Quantum Random Number Encryption Card Sales Market Share Forecast by Type (2027-2032)

Figure 98. Global Quantum Random Number Encryption Card Revenue Market Share Forecast by Type (2027-2032)

Figure 99. Global Quantum Random Number Encryption Card Sales Market Share Forecast by Application (2027-2032)

Figure 100. Global Quantum Random Number Encryption Card Revenue Market Share Forecast by Application (2027-2032)

## I would like to order

Product name: Global Quantum Random Number Encryption Card Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G72149F5D670EN.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](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/G72149F5D670EN.html>