

# **Global High-frequency Trading Server Market Size study, by Processor (X-86-based, ARM-based and Non-x86-based), Application (Equity Trading, Forex Market, Commodity Markets and Others), Form (1U, 2U, 4U and Others) and Regional Forecasts 2020-2027**

<https://marketpublishers.com/r/GCA387E40AA8EN.html>

Date: May 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GCA387E40AA8EN

## **Abstracts**

Global High-frequency Trading Server Market is valued approximately USD 374.78 million in 2019 and is anticipated to grow with a healthy growth rate of more than 3.5% over the forecast period 2020-2027. High-frequency Trading Server is a type of trading based on mathematical algorithms based on high performance computers to give faster outputs than the traditional methods. The major driver for High-frequency Trading Server Market is the advancements in quantum computing in financial services and investments by the companies for high-frequency transactions. For instance, in 2019, Ciara, a brand of Hypertec, launched three low-latency servers, namely ORION HF210-G5, ORION HF610T-G4, and ORION HF310-G4. The other driver that is expected to boost the market growth is the increase in stock trading and internet of things integration in the applications. However, the lack of proper Information Technology infrastructure and poor technical skilled workers impede the growth of the market over the forecast period of 2020-2027. Also, with the continuous development of foreign exchange services and algorithmic-based applications, the adoption & demand for high-frequency trading server is likely to increase.

The regional analysis of global High-frequency Trading Server market is dominated by the North America among the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading region across the world in terms of market share owing to technology adoption and presence of large IT companies. Whereas, Asia-Pacific is also anticipated to exhibit highest growth rate over the forecast period 2020-2027. Factors such as rising disposable income, developing IT

infrastructure and affordable skilled labor would create lucrative growth prospects for the High-frequency Trading Server market across Asia-Pacific region.

Major market player included in this report are:

ASA Computers, Inc.

Blackcore Technologies

Hypertec

Dell

HP enterprise Development LP

HyperShark Technologies

Lenovo

Penguin Computing

Super Micro Computer, Inc.

Tyrone Systems

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Processor:

X-86-based

ARM-based

Non-x86-based

By Application:

Equity Trading

Forex Market

Commodity MarketsOthers

By Form:

1U

2U

4U

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018

Base year – 2019

Forecast period – 2020 to 2027

Target Audience of the Global High-frequency Trading Server Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2018-2027 (USD Million)
  - 1.2.1. High-frequency Trading Server Market, by Region, 2018-2027 (USD Million)
  - 1.2.2. High-frequency Trading Server Market, by Processor, 2018-2027 (USD Million)
  - 1.2.3. High-frequency Trading Server Market, by Application, 2018-2027 (USD Million)
  - 1.2.4. High-frequency Trading Server Market, by Form, 2018-2027 (USD Million)
  - 1.2.5.
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL HIGH-FREQUENCY TRADING SERVER MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL HIGH-FREQUENCY TRADING SERVER MARKET DYNAMICS**

- 3.1. High-frequency Trading Server Market Impact Analysis (2018-2027)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increase in investments by the companies for high-frequency transactions
    - 3.1.1.2. Internet of things integration in the applications
  - 3.1.2. Market Challenges
    - 3.1.2.1. Lack of proper Information Technology infrastructure
    - 3.1.2.2. Poor technical skilled workers
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Development of foreign exchange services
    - 3.1.3.2. Increase in algorithmic-based applications

## **CHAPTER 4. GLOBAL HIGH-FREQUENCY TRADING SERVER MARKET INDUSTRY ANALYSIS**

### 4.1. Porter's 5 Force Model

4.1.1. Bargaining Power of Suppliers

4.1.2. Bargaining Power of Buyers

4.1.3. Threat of New Entrants

4.1.4. Threat of Substitutes

4.1.5. Competitive Rivalry

4.1.6. Futuristic Approach to Porter's 5 Force Model (2017-2027)

### 4.2. PEST Analysis

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

### 4.3. Investment Adoption Model

### 4.4. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL HIGH-FREQUENCY TRADING SERVER MARKET, BY PROCESSOR**

### 5.1. Market Snapshot

### 5.2. Global High-frequency Trading Server Market by Processor, Performance - Potential Analysis

### 5.3. Global High-frequency Trading Server Market Estimates & Forecasts by Processor 2017-2027 (USD Million)

### 5.4. High-frequency Trading Server Market, Sub Segment Analysis

5.4.1. X-86-based

5.4.2. ARM-based

5.4.3. Non-x86-based

## **CHAPTER 6. GLOBAL HIGH-FREQUENCY TRADING SERVER MARKET, BY APPLICATION**

### 6.1. Market Snapshot

### 6.2. Global High-frequency Trading Server Market by Application, Performance - Potential Analysis

### 6.3. Global High-frequency Trading Server Market Estimates & Forecasts by Application 2017-2027 (USD Million)

## 6.4. High-frequency Trading Server Market, Sub Segment Analysis

- 6.4.1. Equity Trading
- 6.4.2. Forex Markets
- 6.4.3. Commodity Markets
- 6.4.4. Others

## **CHAPTER 7. GLOBAL HIGH-FREQUENCY TRADING SERVER MARKET, BY FORM**

### 7.1. Market Snapshot

### 7.2. Global High-frequency Trading Server Market by Form, Performance - Potential Analysis

### 7.3. Global High-frequency Trading Server Market Estimates & Forecasts by Form 2017-2027 (USD Million)

### 7.4. High-frequency Trading Server Market, Sub Segment Analysis

- 7.4.1. 1U
- 7.4.2. 2U
- 7.4.3. 4U
- 7.4.4. Others

## **CHAPTER 8. GLOBAL HIGH-FREQUENCY TRADING SERVER MARKET, REGIONAL ANALYSIS**

### 8.1. High-frequency Trading Server Market, Regional Market Snapshot

### 8.2. North America High-frequency Trading Server Market

#### 8.2.1. U.S. High-frequency Trading Server Market

##### 8.2.1.1. Processor breakdown estimates & forecasts, 2017-2027

##### 8.2.1.2. Application breakdown estimates & forecasts, 2017-2027

##### 8.2.1.3. Form breakdown estimates & forecasts, 2017-2027

#### 8.2.2. Canada High-frequency Trading Server Market

### 8.3. Europe High-frequency Trading Server Market Snapshot

#### 8.3.1. U.K. High-frequency Trading Server Market

#### 8.3.2. Germany High-frequency Trading Server Market

#### 8.3.3. France High-frequency Trading Server Market

#### 8.3.4. Spain High-frequency Trading Server Market

#### 8.3.5. Italy High-frequency Trading Server Market

#### 8.3.6. Rest of Europe High-frequency Trading Server Market

### 8.4. Asia-Pacific High-frequency Trading Server Market Snapshot

#### 8.4.1. China High-frequency Trading Server Market

#### 8.4.2. India High-frequency Trading Server Market

- 8.4.3. Japan High-frequency Trading Server Market
- 8.4.4. Australia High-frequency Trading Server Market
- 8.4.5. South Korea High-frequency Trading Server Market
- 8.4.6. Rest of Asia Pacific High-frequency Trading Server Market
- 8.5. Latin America High-frequency Trading Server Market Snapshot
  - 8.5.1. Brazil High-frequency Trading Server Market
  - 8.5.2. Mexico High-frequency Trading Server Market
- 8.6. Rest of The World High-frequency Trading Server Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Top Market Strategies
- 9.2. Company Profiles
  - 9.2.1. ASA Computers, Inc.
    - 9.2.1.1. Key Information
    - 9.2.1.2. Overview
    - 9.2.1.3. Financial (Subject to Data Availability)
    - 9.2.1.4. Processor Summary
    - 9.2.1.5. Recent Developments
  - 9.2.2. Blackcore Technologies
  - 9.2.3. Hypertec
  - 9.2.4. Dell
  - 9.2.5. HP enterprise Development LP
  - 9.2.6. HyperShark Technologies
  - 9.2.7. Lenovo
  - 9.2.8. Penguin Computing
  - 9.2.9. Super Micro Computer, Inc.
  - 9.2.10. Tyrone Systems

## **CHAPTER 10. RESEARCH PROCESS**

- 10.1. Research Process
  - 10.1.1. Data Mining
  - 10.1.2. Analysis
  - 10.1.3. Market Estimation
  - 10.1.4. Validation
  - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption





## List Of Tables

### LIST OF TABLES

TABLE 1. Global High-frequency Trading Server market, report scope

TABLE 2. Global High-frequency Trading Server market estimates & forecasts by Region 2017-2027 (USD Million)

TABLE 3. Global High-frequency Trading Server market estimates & forecasts by Processor 2017-2027 (USD Million)

TABLE 4. Global High-frequency Trading Server market estimates & forecasts by Application 2017-2027 (USD Million)

TABLE 5. Global High-frequency Trading Server market estimates & forecasts by Form 2017-2027 (USD Million)

TABLE 6. Global High-frequency Trading Server market by segment, estimates & forecasts, 2017-2027 (USD Million)

TABLE 7. Global High-frequency Trading Server market by region, estimates & forecasts, 2017-2027 (USD Million)

TABLE 8. Global High-frequency Trading Server market by segment, estimates & forecasts, 2017-2027 (USD Million)

TABLE 9. Global High-frequency Trading Server market by region, estimates & forecasts, 2017-2027 (USD Million)

TABLE 10. Global High-frequency Trading Server market by segment, estimates & forecasts, 2017-2027 (USD Million)

TABLE 11. Global High-frequency Trading Server market by region, estimates & forecasts, 2017-2027 (USD Million)

TABLE 12. Global High-frequency Trading Server market by segment, estimates & forecasts, 2017-2027 (USD Million)

TABLE 13. Global High-frequency Trading Server market by region, estimates & forecasts, 2017-2027 (USD Million)

TABLE 14. Global High-frequency Trading Server market by segment, estimates & forecasts, 2017-2027 (USD Million)

TABLE 15. Global High-frequency Trading Server market by region, estimates & forecasts, 2017-2027 (USD Million)

TABLE 16. U.S. High-frequency Trading Server market estimates & forecasts, 2017-2027 (USD Million)

TABLE 17. U.S. High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 18. U.S. High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 19. Canada High-frequency Trading Server market estimates & forecasts, 2017-2027 (USD Million)

TABLE 20. Canada High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 21. Canada High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 22. UK High-frequency Trading Server market estimates & forecasts, 2017-2027 (USD Million)

TABLE 23. UK High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 24. UK High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 25. Germany High-frequency Trading Server market estimates & forecasts, 2017-2027 (USD Million)

TABLE 26. Germany High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 27. Germany High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 28. RoE High-frequency Trading Server market estimates & forecasts, 2017-2027 (USD Million)

TABLE 29. RoE High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 30. RoE High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 31. China High-frequency Trading Server market estimates & forecasts, 2017-2027 (USD Million)

TABLE 32. China High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 33. China High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 34. India High-frequency Trading Server market estimates & forecasts, 2017-2027 (USD Million)

TABLE 35. India High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 36. India High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 37. Japan High-frequency Trading Server market estimates & forecasts, 2017-2027 (USD Million)

TABLE 38. Japan High-frequency Trading Server market estimates & forecasts by

segment 2017-2027 (USD Million)

TABLE 39. Japan High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 40. RoAPAC High-frequency Trading Server market estimates & forecasts, 2017-2027 (USD Million)

TABLE 41. RoAPAC High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 42. RoAPAC High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 43. Brazil High-frequency Trading Server market estimates & forecasts, 2017-2027 (USD Million)

TABLE 44. Brazil High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 45. Brazil High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 46. Mexico High-frequency Trading Server market estimates & forecasts, 2017-2027 (USD Million)

TABLE 47. Mexico High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 48. Mexico High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 49. RoLA High-frequency Trading Server market estimates & forecasts, 2017-2027 (USD Million)

TABLE 50. RoLA High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 51. RoLA High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 52. Row High-frequency Trading Server market estimates & forecasts, 2017-2027 (USD Million)

TABLE 53. Row High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 54. Row High-frequency Trading Server market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 55. List of secondary sources, used in the study of global High-frequency Trading Server market

TABLE 56. List of primary sources, used in the study of global High-frequency Trading Server market

TABLE 57. Years considered for the study

TABLE 58. Exchange rates considered



## List Of Figures

### LIST OF FIGURES

- FIG 1. Global High-frequency Trading Server market, research methodology
- FIG 2. Global High-frequency Trading Server market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global High-frequency Trading Server market, key trends 2019
- FIG 5. Global High-frequency Trading Server market, growth prospects 2020-2027
- FIG 6. Global High-frequency Trading Server market, porters 5 force model
- FIG 7. Global High-frequency Trading Server market, pest analysis
- FIG 8. Global High-frequency Trading Server market, value chain analysis
- FIG 9. Global High-frequency Trading Server market by segment, 2017 & 2027 (USD Million)
- FIG 10. Global High-frequency Trading Server market by segment, 2017 & 2027 (USD Million)
- FIG 11. Global High-frequency Trading Server market by segment, 2017 & 2027 (USD Million)
- FIG 12. Global High-frequency Trading Server market by segment, 2017 & 2027 (USD Million)
- FIG 13. Global High-frequency Trading Server market by segment, 2017 & 2027 (USD Million)
- FIG 14. Global High-frequency Trading Server market, regional snapshot 2017 & 2027
- FIG 15. North America High-frequency Trading Server market 2017 & 2027 (USD Million)
- FIG 16. Europe High-frequency Trading Server market 2017 & 2027 (USD Million)
- FIG 17. Asia pacific High-frequency Trading Server market 2017 & 2027 (USD Million)
- FIG 18. Latin America High-frequency Trading Server market 2017 & 2027 (USD Million)
- FIG 19. Global High-frequency Trading Server market, company market share analysis (2019)

## I would like to order

Product name: Global High-frequency Trading Server Market Size study, by Processor (X-86-based, ARM-based and Non-x86-based), Application (Equity Trading, Forex Market, Commodity Markets and Others), Form (1U, 2U, 4U and Others) and Regional Forecasts 2020-2027

Product link: <https://marketpublishers.com/r/GCA387E40AA8EN.html>

Price: US\$ 4,950.00 (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/GCA387E40AA8EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970