

# Global High Performance Computing Hardware Market Growth 2024-2030

<https://marketpublishers.com/r/GD3166974605EN.html>

Date: December 2023

Pages: 118

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

ID: GD3166974605EN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to our LPI (LP Information) latest study, the global High Performance Computing Hardware market size was valued at US\$ 22880 million in 2023. With growing demand in downstream market, the High Performance Computing Hardware is forecast to a readjusted size of US\$ 37880 million by 2030 with a CAGR of 7.5% during review period.

The research report highlights the growth potential of the global High Performance Computing Hardware market. High Performance Computing Hardware are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of High Performance Computing Hardware. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the High Performance Computing Hardware market.

High Performance Computing most generally refers to the practice of aggregating computing power in a way that delivers much higher performance than one could get out of a typical desktop computer or workstation in order to solve large problems in science, engineering, or business. It is through data that ground-breaking scientific discoveries are made, game-changing innovations are fuelled, and quality of life is improved for billions of people around the globe. HPC is the foundation for scientific, industrial, and societal advancements.

Scientific Research and Discovery: HPC is essential for conducting complex

simulations, data analysis, and modeling in fields such as physics, chemistry, biology, climate science, and engineering. It accelerates research and enables breakthrough discoveries.

**Data-Intensive Applications:** The rise of big data analytics, machine learning, and artificial intelligence requires massive computational power. HPC systems enable the processing of vast amounts of data for insights and predictions.

**Cost:** HPC infrastructure, including supercomputers, high-speed networking, and cooling systems, comes with high acquisition, operation, and maintenance costs.

**Energy Consumption:** HPC systems can be energy-intensive, leading to high operational costs and environmental concerns. Energy-efficient designs are necessary.

#### Key Features:

The report on High Performance Computing Hardware market reflects various aspects and provide valuable insights into the industry.

**Market Size and Growth:** The research report provide an overview of the current size and growth of the High Performance Computing Hardware market. It may include historical data, market segmentation by Type (e.g., Servers, Storage), and regional breakdowns.

**Market Drivers and Challenges:** The report can identify and analyse the factors driving the growth of the High Performance Computing Hardware market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

**Competitive Landscape:** The research report provides analysis of the competitive landscape within the High Performance Computing Hardware market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

**Technological Developments:** The research report can delve into the latest technological developments in the High Performance Computing Hardware industry. This include advancements in High Performance Computing Hardware technology, High Performance Computing Hardware new entrants, High Performance Computing

Hardware new investment, and other innovations that are shaping the future of High Performance Computing Hardware.

**Downstream Procumbent Preference:** The report can shed light on customer procumbent behaviour and adoption trends in the High Performance Computing Hardware market. It includes factors influencing customer ' purchasing decisions, preferences for High Performance Computing Hardware product.

**Government Policies and Incentives:** The research report analyse the impact of government policies and incentives on the High Performance Computing Hardware market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting High Performance Computing Hardware market. The report also evaluates the effectiveness of these policies in driving market growth.

**Environmental Impact and Sustainability:** The research report assess the environmental impact and sustainability aspects of the High Performance Computing Hardware market.

**Market Forecasts and Future Outlook:** Based on the analysis conducted, the research report provide market forecasts and outlook for the High Performance Computing Hardware industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

**Recommendations and Opportunities:** The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the High Performance Computing Hardware market.

**Market Segmentation:**

High Performance Computing Hardware market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

**Segmentation by type**

Servers

Storage

Networking Devices

### Segmentation by application

Government and Defense

Banking, Financial Services, and Insurance

Earth Sciences

Education & Research

Healthcare & Life Sciences

Energy & Utilities

Gaming

Manufacturing

Others

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 analyzing the company's coverage, product portfolio, its market penetration.

Dell

Hewlett Packard Enterprise (HPE)

Lenovo

IBM

Sugon

Inspur

Atos

Huawei

DataDirect Networks

NetApp

Fujitsu

Penguin

NEC

### Key Questions Addressed in this Report

What is the 10-year outlook for the global High Performance Computing Hardware market?

What factors are driving High Performance Computing Hardware market growth, globally and by region?

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

How do High Performance Computing Hardware market opportunities vary by end market size?

How does High Performance Computing Hardware break out type, 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 High Performance Computing Hardware Annual Sales 2019-2030
  - 2.1.2 World Current & Future Analysis for High Performance Computing Hardware by Geographic Region, 2019, 2023 & 2030
  - 2.1.3 World Current & Future Analysis for High Performance Computing Hardware by Country/Region, 2019, 2023 & 2030
- 2.2 High Performance Computing Hardware Segment by Type
  - 2.2.1 Servers
  - 2.2.2 Storage
  - 2.2.3 Networking Devices
- 2.3 High Performance Computing Hardware Sales by Type
  - 2.3.1 Global High Performance Computing Hardware Sales Market Share by Type (2019-2024)
  - 2.3.2 Global High Performance Computing Hardware Revenue and Market Share by Type (2019-2024)
  - 2.3.3 Global High Performance Computing Hardware Sale Price by Type (2019-2024)
- 2.4 High Performance Computing Hardware Segment by Application
  - 2.4.1 Government and Defense
  - 2.4.2 Banking, Financial Services, and Insurance
  - 2.4.3 Earth Sciences
  - 2.4.4 Education & Research
  - 2.4.5 Healthcare & Life Sciences
  - 2.4.6 Energy & Utilities
  - 2.4.7 Gaming

2.4.8 Manufacturing

2.4.9 Others

2.5 High Performance Computing Hardware Sales by Application

2.5.1 Global High Performance Computing Hardware Sale Market Share by Application (2019-2024)

2.5.2 Global High Performance Computing Hardware Revenue and Market Share by Application (2019-2024)

2.5.3 Global High Performance Computing Hardware Sale Price by Application (2019-2024)

### **3 GLOBAL HIGH PERFORMANCE COMPUTING HARDWARE BY COMPANY**

3.1 Global High Performance Computing Hardware Breakdown Data by Company

3.1.1 Global High Performance Computing Hardware Annual Sales by Company (2019-2024)

3.1.2 Global High Performance Computing Hardware Sales Market Share by Company (2019-2024)

3.2 Global High Performance Computing Hardware Annual Revenue by Company (2019-2024)

3.2.1 Global High Performance Computing Hardware Revenue by Company (2019-2024)

3.2.2 Global High Performance Computing Hardware Revenue Market Share by Company (2019-2024)

3.3 Global High Performance Computing Hardware Sale Price by Company

3.4 Key Manufacturers High Performance Computing Hardware Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers High Performance Computing Hardware Product Location Distribution

3.4.2 Players High Performance Computing Hardware Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR HIGH PERFORMANCE COMPUTING HARDWARE BY GEOGRAPHIC REGION**

4.1 World Historic High Performance Computing Hardware Market Size by Geographic

## Region (2019-2024)

4.1.1 Global High Performance Computing Hardware Annual Sales by Geographic Region (2019-2024)

4.1.2 Global High Performance Computing Hardware Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic High Performance Computing Hardware Market Size by Country/Region (2019-2024)

4.2.1 Global High Performance Computing Hardware Annual Sales by Country/Region (2019-2024)

4.2.2 Global High Performance Computing Hardware Annual Revenue by Country/Region (2019-2024)

4.3 Americas High Performance Computing Hardware Sales Growth

4.4 APAC High Performance Computing Hardware Sales Growth

4.5 Europe High Performance Computing Hardware Sales Growth

4.6 Middle East & Africa High Performance Computing Hardware Sales Growth

## 5 AMERICAS

5.1 Americas High Performance Computing Hardware Sales by Country

5.1.1 Americas High Performance Computing Hardware Sales by Country (2019-2024)

5.1.2 Americas High Performance Computing Hardware Revenue by Country (2019-2024)

5.2 Americas High Performance Computing Hardware Sales by Type

5.3 Americas High Performance Computing Hardware Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## 6 APAC

6.1 APAC High Performance Computing Hardware Sales by Region

6.1.1 APAC High Performance Computing Hardware Sales by Region (2019-2024)

6.1.2 APAC High Performance Computing Hardware Revenue by Region (2019-2024)

6.2 APAC High Performance Computing Hardware Sales by Type

6.3 APAC High Performance Computing Hardware Sales by Application

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 High Performance Computing Hardware by Country

7.1.1 Europe High Performance Computing Hardware Sales by Country (2019-2024)

7.1.2 Europe High Performance Computing Hardware Revenue by Country  
(2019-2024)

7.2 Europe High Performance Computing Hardware Sales by Type

7.3 Europe High Performance Computing Hardware Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

## **8 MIDDLE EAST & AFRICA**

8.1 Middle East & Africa High Performance Computing Hardware by Country

8.1.1 Middle East & Africa High Performance Computing Hardware Sales by Country  
(2019-2024)

8.1.2 Middle East & Africa High Performance Computing Hardware Revenue by  
Country (2019-2024)

8.2 Middle East & Africa High Performance Computing Hardware Sales by Type

8.3 Middle East & Africa High Performance Computing Hardware Sales by Application

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 High Performance Computing Hardware

10.3 Manufacturing Process Analysis of High Performance Computing Hardware

10.4 Industry Chain Structure of High Performance Computing Hardware

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 High Performance Computing Hardware Distributors

11.3 High Performance Computing Hardware Customer

## **12 WORLD FORECAST REVIEW FOR HIGH PERFORMANCE COMPUTING HARDWARE BY GEOGRAPHIC REGION**

12.1 Global High Performance Computing Hardware Market Size Forecast by Region

12.1.1 Global High Performance Computing Hardware Forecast by Region  
(2025-2030)

12.1.2 Global High Performance Computing Hardware Annual Revenue Forecast by  
Region (2025-2030)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global High Performance Computing Hardware Forecast by Type

12.7 Global High Performance Computing Hardware Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

13.1 Dell

13.1.1 Dell Company Information

13.1.2 Dell High Performance Computing Hardware Product Portfolios and  
Specifications

13.1.3 Dell High Performance Computing Hardware Sales, Revenue, Price and Gross  
Margin (2019-2024)

- 13.1.4 Dell Main Business Overview
- 13.1.5 Dell Latest Developments
- 13.2 Hewlett Packard Enterprise (HPE)
  - 13.2.1 Hewlett Packard Enterprise (HPE) Company Information
  - 13.2.2 Hewlett Packard Enterprise (HPE) High Performance Computing Hardware Product Portfolios and Specifications
  - 13.2.3 Hewlett Packard Enterprise (HPE) High Performance Computing Hardware Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.2.4 Hewlett Packard Enterprise (HPE) Main Business Overview
  - 13.2.5 Hewlett Packard Enterprise (HPE) Latest Developments
- 13.3 Lenovo
  - 13.3.1 Lenovo Company Information
  - 13.3.2 Lenovo High Performance Computing Hardware Product Portfolios and Specifications
  - 13.3.3 Lenovo High Performance Computing Hardware Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.3.4 Lenovo Main Business Overview
  - 13.3.5 Lenovo Latest Developments
- 13.4 IBM
  - 13.4.1 IBM Company Information
  - 13.4.2 IBM High Performance Computing Hardware Product Portfolios and Specifications
  - 13.4.3 IBM High Performance Computing Hardware Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.4.4 IBM Main Business Overview
  - 13.4.5 IBM Latest Developments
- 13.5 Sugon
  - 13.5.1 Sugon Company Information
  - 13.5.2 Sugon High Performance Computing Hardware Product Portfolios and Specifications
  - 13.5.3 Sugon High Performance Computing Hardware Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.5.4 Sugon Main Business Overview
  - 13.5.5 Sugon Latest Developments
- 13.6 Inspur
  - 13.6.1 Inspur Company Information
  - 13.6.2 Inspur High Performance Computing Hardware Product Portfolios and Specifications
  - 13.6.3 Inspur High Performance Computing Hardware Sales, Revenue, Price and

## Gross Margin (2019-2024)

### 13.6.4 Inspur Main Business Overview

### 13.6.5 Inspur Latest Developments

## 13.7 Atos

### 13.7.1 Atos Company Information

### 13.7.2 Atos High Performance Computing Hardware Product Portfolios and Specifications

### 13.7.3 Atos High Performance Computing Hardware Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.7.4 Atos Main Business Overview

### 13.7.5 Atos Latest Developments

## 13.8 Huawei

### 13.8.1 Huawei Company Information

### 13.8.2 Huawei High Performance Computing Hardware Product Portfolios and Specifications

### 13.8.3 Huawei High Performance Computing Hardware Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.8.4 Huawei Main Business Overview

### 13.8.5 Huawei Latest Developments

## 13.9 DataDirect Networks

### 13.9.1 DataDirect Networks Company Information

### 13.9.2 DataDirect Networks High Performance Computing Hardware Product Portfolios and Specifications

### 13.9.3 DataDirect Networks High Performance Computing Hardware Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.9.4 DataDirect Networks Main Business Overview

### 13.9.5 DataDirect Networks Latest Developments

## 13.10 NetApp

### 13.10.1 NetApp Company Information

### 13.10.2 NetApp High Performance Computing Hardware Product Portfolios and Specifications

### 13.10.3 NetApp High Performance Computing Hardware Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.10.4 NetApp Main Business Overview

### 13.10.5 NetApp Latest Developments

## 13.11 Fujitsu

### 13.11.1 Fujitsu Company Information

### 13.11.2 Fujitsu High Performance Computing Hardware Product Portfolios and Specifications

13.11.3 Fujitsu High Performance Computing Hardware Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 Fujitsu Main Business Overview

13.11.5 Fujitsu Latest Developments

13.12 Penguin

13.12.1 Penguin Company Information

13.12.2 Penguin High Performance Computing Hardware Product Portfolios and Specifications

13.12.3 Penguin High Performance Computing Hardware Sales, Revenue, Price and Gross Margin (2019-2024)

13.12.4 Penguin Main Business Overview

13.12.5 Penguin Latest Developments

13.13 NEC

13.13.1 NEC Company Information

13.13.2 NEC High Performance Computing Hardware Product Portfolios and Specifications

13.13.3 NEC High Performance Computing Hardware Sales, Revenue, Price and Gross Margin (2019-2024)

13.13.4 NEC Main Business Overview

13.13.5 NEC Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. High Performance Computing Hardware Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. High Performance Computing Hardware Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Servers

Table 4. Major Players of Storage

Table 5. Major Players of Networking Devices

Table 6. Global High Performance Computing Hardware Sales by Type (2019-2024) & (K Units)

Table 7. Global High Performance Computing Hardware Sales Market Share by Type (2019-2024)

Table 8. Global High Performance Computing Hardware Revenue by Type (2019-2024) & (\$ million)

Table 9. Global High Performance Computing Hardware Revenue Market Share by Type (2019-2024)

Table 10. Global High Performance Computing Hardware Sale Price by Type (2019-2024) & (US\$/Unit)

Table 11. Global High Performance Computing Hardware Sales by Application (2019-2024) & (K Units)

Table 12. Global High Performance Computing Hardware Sales Market Share by Application (2019-2024)

Table 13. Global High Performance Computing Hardware Revenue by Application (2019-2024)

Table 14. Global High Performance Computing Hardware Revenue Market Share by Application (2019-2024)

Table 15. Global High Performance Computing Hardware Sale Price by Application (2019-2024) & (US\$/Unit)

Table 16. Global High Performance Computing Hardware Sales by Company (2019-2024) & (K Units)

Table 17. Global High Performance Computing Hardware Sales Market Share by Company (2019-2024)

Table 18. Global High Performance Computing Hardware Revenue by Company (2019-2024) (\$ Millions)

Table 19. Global High Performance Computing Hardware Revenue Market Share by Company (2019-2024)

Table 20. Global High Performance Computing Hardware Sale Price by Company (2019-2024) & (US\$/Unit)

Table 21. Key Manufacturers High Performance Computing Hardware Producing Area Distribution and Sales Area

Table 22. Players High Performance Computing Hardware Products Offered

Table 23. High Performance Computing Hardware Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 24. New Products and Potential Entrants

Table 25. Mergers & Acquisitions, Expansion

Table 26. Global High Performance Computing Hardware Sales by Geographic Region (2019-2024) & (K Units)

Table 27. Global High Performance Computing Hardware Sales Market Share Geographic Region (2019-2024)

Table 28. Global High Performance Computing Hardware Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 29. Global High Performance Computing Hardware Revenue Market Share by Geographic Region (2019-2024)

Table 30. Global High Performance Computing Hardware Sales by Country/Region (2019-2024) & (K Units)

Table 31. Global High Performance Computing Hardware Sales Market Share by Country/Region (2019-2024)

Table 32. Global High Performance Computing Hardware Revenue by Country/Region (2019-2024) & (\$ millions)

Table 33. Global High Performance Computing Hardware Revenue Market Share by Country/Region (2019-2024)

Table 34. Americas High Performance Computing Hardware Sales by Country (2019-2024) & (K Units)

Table 35. Americas High Performance Computing Hardware Sales Market Share by Country (2019-2024)

Table 36. Americas High Performance Computing Hardware Revenue by Country (2019-2024) & (\$ Millions)

Table 37. Americas High Performance Computing Hardware Revenue Market Share by Country (2019-2024)

Table 38. Americas High Performance Computing Hardware Sales by Type (2019-2024) & (K Units)

Table 39. Americas High Performance Computing Hardware Sales by Application (2019-2024) & (K Units)

Table 40. APAC High Performance Computing Hardware Sales by Region (2019-2024) & (K Units)

Table 41. APAC High Performance Computing Hardware Sales Market Share by Region (2019-2024)

Table 42. APAC High Performance Computing Hardware Revenue by Region (2019-2024) & (\$ Millions)

Table 43. APAC High Performance Computing Hardware Revenue Market Share by Region (2019-2024)

Table 44. APAC High Performance Computing Hardware Sales by Type (2019-2024) & (K Units)

Table 45. APAC High Performance Computing Hardware Sales by Application (2019-2024) & (K Units)

Table 46. Europe High Performance Computing Hardware Sales by Country (2019-2024) & (K Units)

Table 47. Europe High Performance Computing Hardware Sales Market Share by Country (2019-2024)

Table 48. Europe High Performance Computing Hardware Revenue by Country (2019-2024) & (\$ Millions)

Table 49. Europe High Performance Computing Hardware Revenue Market Share by Country (2019-2024)

Table 50. Europe High Performance Computing Hardware Sales by Type (2019-2024) & (K Units)

Table 51. Europe High Performance Computing Hardware Sales by Application (2019-2024) & (K Units)

Table 52. Middle East & Africa High Performance Computing Hardware Sales by Country (2019-2024) & (K Units)

Table 53. Middle East & Africa High Performance Computing Hardware Sales Market Share by Country (2019-2024)

Table 54. Middle East & Africa High Performance Computing Hardware Revenue by Country (2019-2024) & (\$ Millions)

Table 55. Middle East & Africa High Performance Computing Hardware Revenue Market Share by Country (2019-2024)

Table 56. Middle East & Africa High Performance Computing Hardware Sales by Type (2019-2024) & (K Units)

Table 57. Middle East & Africa High Performance Computing Hardware Sales by Application (2019-2024) & (K Units)

Table 58. Key Market Drivers & Growth Opportunities of High Performance Computing Hardware

Table 59. Key Market Challenges & Risks of High Performance Computing Hardware

Table 60. Key Industry Trends of High Performance Computing Hardware

Table 61. High Performance Computing Hardware Raw Material

|                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------|
| Table 62. Key Suppliers of Raw Materials                                                                                                 |
| Table 63. High Performance Computing Hardware Distributors List                                                                          |
| Table 64. High Performance Computing Hardware Customer List                                                                              |
| Table 65. Global High Performance Computing Hardware Sales Forecast by Region (2025-2030) & (K Units)                                    |
| Table 66. Global High Performance Computing Hardware Revenue Forecast by Region (2025-2030) & (\$ millions)                              |
| Table 67. Americas High Performance Computing Hardware Sales Forecast by Country (2025-2030) & (K Units)                                 |
| Table 68. Americas High Performance Computing Hardware Revenue Forecast by Country (2025-2030) & (\$ millions)                           |
| Table 69. APAC High Performance Computing Hardware Sales Forecast by Region (2025-2030) & (K Units)                                      |
| Table 70. APAC High Performance Computing Hardware Revenue Forecast by Region (2025-2030) & (\$ millions)                                |
| Table 71. Europe High Performance Computing Hardware Sales Forecast by Country (2025-2030) & (K Units)                                   |
| Table 72. Europe High Performance Computing Hardware Revenue Forecast by Country (2025-2030) & (\$ millions)                             |
| Table 73. Middle East & Africa High Performance Computing Hardware Sales Forecast by Country (2025-2030) & (K Units)                     |
| Table 74. Middle East & Africa High Performance Computing Hardware Revenue Forecast by Country (2025-2030) & (\$ millions)               |
| Table 75. Global High Performance Computing Hardware Sales Forecast by Type (2025-2030) & (K Units)                                      |
| Table 76. Global High Performance Computing Hardware Revenue Forecast by Type (2025-2030) & (\$ Millions)                                |
| Table 77. Global High Performance Computing Hardware Sales Forecast by Application (2025-2030) & (K Units)                               |
| Table 78. Global High Performance Computing Hardware Revenue Forecast by Application (2025-2030) & (\$ Millions)                         |
| Table 79. Dell Basic Information, High Performance Computing Hardware Manufacturing Base, Sales Area and Its Competitors                 |
| Table 80. Dell High Performance Computing Hardware Product Portfolios and Specifications                                                 |
| Table 81. Dell High Performance Computing Hardware Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024) |
| Table 82. Dell Main Business                                                                                                             |
| Table 83. Dell Latest Developments                                                                                                       |

Table 84. Hewlett Packard Enterprise (HPE) Basic Information, High Performance Computing Hardware Manufacturing Base, Sales Area and Its Competitors

Table 85. Hewlett Packard Enterprise (HPE) High Performance Computing Hardware Product Portfolios and Specifications

Table 86. Hewlett Packard Enterprise (HPE) High Performance Computing Hardware Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 87. Hewlett Packard Enterprise (HPE) Main Business

Table 88. Hewlett Packard Enterprise (HPE) Latest Developments

Table 89. Lenovo Basic Information, High Performance Computing Hardware Manufacturing Base, Sales Area and Its Competitors

Table 90. Lenovo High Performance Computing Hardware Product Portfolios and Specifications

Table 91. Lenovo High Performance Computing Hardware Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 92. Lenovo Main Business

Table 93. Lenovo Latest Developments

Table 94. IBM Basic Information, High Performance Computing Hardware Manufacturing Base, Sales Area and Its Competitors

Table 95. IBM High Performance Computing Hardware Product Portfolios and Specifications

Table 96. IBM High Performance Computing Hardware Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 97. IBM Main Business

Table 98. IBM Latest Developments

Table 99. Sugon Basic Information, High Performance Computing Hardware Manufacturing Base, Sales Area and Its Competitors

Table 100. Sugon High Performance Computing Hardware Product Portfolios and Specifications

Table 101. Sugon High Performance Computing Hardware Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 102. Sugon Main Business

Table 103. Sugon Latest Developments

Table 104. Inspur Basic Information, High Performance Computing Hardware Manufacturing Base, Sales Area and Its Competitors

Table 105. Inspur High Performance Computing Hardware Product Portfolios and Specifications

Table 106. Inspur High Performance Computing Hardware Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 107. Inspur Main Business

Table 108. Inspur Latest Developments

Table 109. Atos Basic Information, High Performance Computing Hardware Manufacturing Base, Sales Area and Its Competitors

Table 110. Atos High Performance Computing Hardware Product Portfolios and Specifications

Table 111. Atos High Performance Computing Hardware Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 112. Atos Main Business

Table 113. Atos Latest Developments

Table 114. Huawei Basic Information, High Performance Computing Hardware Manufacturing Base, Sales Area and Its Competitors

Table 115. Huawei High Performance Computing Hardware Product Portfolios and Specifications

Table 116. Huawei High Performance Computing Hardware Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 117. Huawei Main Business

Table 118. Huawei Latest Developments

Table 119. DataDirect Networks Basic Information, High Performance Computing Hardware Manufacturing Base, Sales Area and Its Competitors

Table 120. DataDirect Networks High Performance Computing Hardware Product Portfolios and Specifications

Table 121. DataDirect Networks High Performance Computing Hardware Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 122. DataDirect Networks Main Business

Table 123. DataDirect Networks Latest Developments

Table 124. NetApp Basic Information, High Performance Computing Hardware Manufacturing Base, Sales Area and Its Competitors

Table 125. NetApp High Performance Computing Hardware Product Portfolios and Specifications

Table 126. NetApp High Performance Computing Hardware Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 127. NetApp Main Business

Table 128. NetApp Latest Developments

Table 129. Fujitsu Basic Information, High Performance Computing Hardware Manufacturing Base, Sales Area and Its Competitors

Table 130. Fujitsu High Performance Computing Hardware Product Portfolios and Specifications

Table 131. Fujitsu High Performance Computing Hardware Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 132. Fujitsu Main Business

Table 133. Fujitsu Latest Developments

Table 134. Penguin Basic Information, High Performance Computing Hardware  
Manufacturing Base, Sales Area and Its Competitors

Table 135. Penguin High Performance Computing Hardware Product Portfolios and  
Specifications

Table 136. Penguin High Performance Computing Hardware Sales (K Units), Revenue  
(\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 137. Penguin Main Business

Table 138. Penguin Latest Developments

Table 139. NEC Basic Information, High Performance Computing Hardware  
Manufacturing Base, Sales Area and Its Competitors

Table 140. NEC High Performance Computing Hardware Product Portfolios and  
Specifications

Table 141. NEC High Performance Computing Hardware Sales (K Units), Revenue (\$  
Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 142. NEC Main Business

Table 143. NEC Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of High Performance Computing Hardware
- Figure 2. High Performance Computing Hardware Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global High Performance Computing Hardware Sales Growth Rate 2019-2030 (K Units)
- Figure 7. Global High Performance Computing Hardware Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. High Performance Computing Hardware Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of Servers
- Figure 10. Product Picture of Storage
- Figure 11. Product Picture of Networking Devices
- Figure 12. Global High Performance Computing Hardware Sales Market Share by Type in 2023
- Figure 13. Global High Performance Computing Hardware Revenue Market Share by Type (2019-2024)
- Figure 14. High Performance Computing Hardware Consumed in Government and Defense
- Figure 15. Global High Performance Computing Hardware Market: Government and Defense (2019-2024) & (K Units)
- Figure 16. High Performance Computing Hardware Consumed in Banking, Financial Services, and Insurance
- Figure 17. Global High Performance Computing Hardware Market: Banking, Financial Services, and Insurance (2019-2024) & (K Units)
- Figure 18. High Performance Computing Hardware Consumed in Earth Sciences
- Figure 19. Global High Performance Computing Hardware Market: Earth Sciences (2019-2024) & (K Units)
- Figure 20. High Performance Computing Hardware Consumed in Education & Research
- Figure 21. Global High Performance Computing Hardware Market: Education & Research (2019-2024) & (K Units)
- Figure 22. High Performance Computing Hardware Consumed in Healthcare & Life Sciences
- Figure 23. Global High Performance Computing Hardware Market: Healthcare & Life

Sciences (2019-2024) & (K Units)

Figure 24. High Performance Computing Hardware Consumed in Energy & Utilities

Figure 25. Global High Performance Computing Hardware Market: Energy & Utilities (2019-2024) & (K Units)

Figure 26. High Performance Computing Hardware Consumed in Gaming

Figure 27. Global High Performance Computing Hardware Market: Gaming (2019-2024) & (K Units)

Figure 28. High Performance Computing Hardware Consumed in Manufacturing

Figure 29. Global High Performance Computing Hardware Market: Manufacturing (2019-2024) & (K Units)

Figure 30. High Performance Computing Hardware Consumed in Others

Figure 31. Global High Performance Computing Hardware Market: Others (2019-2024) & (K Units)

Figure 32. Global High Performance Computing Hardware Sales Market Share by Application (2023)

Figure 33. Global High Performance Computing Hardware Revenue Market Share by Application in 2023

Figure 34. High Performance Computing Hardware Sales Market by Company in 2023 (K Units)

Figure 35. Global High Performance Computing Hardware Sales Market Share by Company in 2023

Figure 36. High Performance Computing Hardware Revenue Market by Company in 2023 (\$ Million)

Figure 37. Global High Performance Computing Hardware Revenue Market Share by Company in 2023

Figure 38. Global High Performance Computing Hardware Sales Market Share by Geographic Region (2019-2024)

Figure 39. Global High Performance Computing Hardware Revenue Market Share by Geographic Region in 2023

Figure 40. Americas High Performance Computing Hardware Sales 2019-2024 (K Units)

Figure 41. Americas High Performance Computing Hardware Revenue 2019-2024 (\$ Millions)

Figure 42. APAC High Performance Computing Hardware Sales 2019-2024 (K Units)

Figure 43. APAC High Performance Computing Hardware Revenue 2019-2024 (\$ Millions)

Figure 44. Europe High Performance Computing Hardware Sales 2019-2024 (K Units)

Figure 45. Europe High Performance Computing Hardware Revenue 2019-2024 (\$ Millions)

Figure 46. Middle East & Africa High Performance Computing Hardware Sales 2019-2024 (K Units)

Figure 47. Middle East & Africa High Performance Computing Hardware Revenue 2019-2024 (\$ Millions)

Figure 48. Americas High Performance Computing Hardware Sales Market Share by Country in 2023

Figure 49. Americas High Performance Computing Hardware Revenue Market Share by Country in 2023

Figure 50. Americas High Performance Computing Hardware Sales Market Share by Type (2019-2024)

Figure 51. Americas High Performance Computing Hardware Sales Market Share by Application (2019-2024)

Figure 52. United States High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 53. Canada High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 54. Mexico High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 55. Brazil High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 56. APAC High Performance Computing Hardware Sales Market Share by Region in 2023

Figure 57. APAC High Performance Computing Hardware Revenue Market Share by Regions in 2023

Figure 58. APAC High Performance Computing Hardware Sales Market Share by Type (2019-2024)

Figure 59. APAC High Performance Computing Hardware Sales Market Share by Application (2019-2024)

Figure 60. China High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 61. Japan High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 62. South Korea High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 63. Southeast Asia High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 64. India High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 65. Australia High Performance Computing Hardware Revenue Growth

2019-2024 (\$ Millions)

Figure 66. China Taiwan High Performance Computing Hardware Revenue Growth

2019-2024 (\$ Millions)

Figure 67. Europe High Performance Computing Hardware Sales Market Share by Country in 2023

Figure 68. Europe High Performance Computing Hardware Revenue Market Share by Country in 2023

Figure 69. Europe High Performance Computing Hardware Sales Market Share by Type (2019-2024)

Figure 70. Europe High Performance Computing Hardware Sales Market Share by Application (2019-2024)

Figure 71. Germany High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 72. France High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 73. UK High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 74. Italy High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 75. Russia High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 76. Middle East & Africa High Performance Computing Hardware Sales Market Share by Country in 2023

Figure 77. Middle East & Africa High Performance Computing Hardware Revenue Market Share by Country in 2023

Figure 78. Middle East & Africa High Performance Computing Hardware Sales Market Share by Type (2019-2024)

Figure 79. Middle East & Africa High Performance Computing Hardware Sales Market Share by Application (2019-2024)

Figure 80. Egypt High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 81. South Africa High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 82. Israel High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 83. Turkey High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 84. GCC Country High Performance Computing Hardware Revenue Growth 2019-2024 (\$ Millions)

Figure 85. Manufacturing Cost Structure Analysis of High Performance Computing Hardware in 2023

Figure 86. Manufacturing Process Analysis of High Performance Computing Hardware

Figure 87. Industry Chain Structure of High Performance Computing Hardware

Figure 88. Channels of Distribution

Figure 89. Global High Performance Computing Hardware Sales Market Forecast by Region (2025-2030)

Figure 90. Global High Performance Computing Hardware Revenue Market Share Forecast by Region (2025-2030)

Figure 91. Global High Performance Computing Hardware Sales Market Share Forecast by Type (2025-2030)

Figure 92. Global High Performance Computing Hardware Revenue Market Share Forecast by Type (2025-2030)

Figure 93. Global High Performance Computing Hardware Sales Market Share Forecast by Application (2025-2030)

Figure 94. Global High Performance Computing Hardware Revenue Market Share Forecast by Application (2025-2030)

## I would like to order

Product name: Global High Performance Computing Hardware Market Growth 2024-2030

Product link: <https://marketpublishers.com/r/GD3166974605EN.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/GD3166974605EN.html>