

Global Mega Data Center Market Size study & Forecast, by Solutions (Server, Storage, Networking), by Support (Power, Cooling, Security), by Services (Professional, Monitoring, SI), by Users (Cloud, Colocation, Enterprises) and Regional Analysis, 2023-2030

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Abstracts

Global Mega Data Center Market is valued at approximately USD 23.6 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 4.7 % over the forecast period 2023-2030. A Mega Data Center is a purpose-built facility designed to accommodate computer systems that can effectively handle large-scale data transfers, high computational capabilities, storage capacity, and bandwidth. The mega data center market is expanding because of factors such as increase in demand for data storage facilities and rising adoption of cloud computing.

According to the Statista in 2021, the worldwide expenditure on information technology (IT) devices, encompassing PCs, tablets, mobile phones, along with data center systems, enterprise software, and communications services, amounted to approximately USD 4.26 trillion. It is projected that global IT spending may rise to approximately USD 4.66 trillion by 2023. Cloud computing has had a profound influence on data centers, as it has facilitated the emergence of mega-scale data centers by commoditizing computing, storage, and network resources. According to Statista in 2023, the global market for cloud applications was valued at USD 133.6 billion in 2021 and is projected to reach USD 168.6 billion by 2025. The cloud applications software market is expected to exhibit a compound annual growth rate of 4.8% during the forecast period. In addition, increasing demand of cloud-based services and rising technological advancements in the mega data center would create lucrative growth

opportunities. However, the high initial investment cost for implementing mega data centers and the low availability of resources stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Mega Data Center Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market during the forecast period owing to the increasing number of e-commerce platforms and extensive deployment of large-scale data centers. Asia Pacific is the fastest growing region during the forecast period, owing to rise in internet penetration and the increasing adoption of cloud services in the region.

Major market player included in this report are:

Juniper Networks, Inc.

Vertiv Group Corp.

International Business Machines Corporation

Schneider Electric, Pvt. Ltd.

NetApp, Inc.

Hewlett Packard Enterprise Development LP,

Cisco Systems Inc.

Dell Computer Corporation,

Fujitsu Ltd

Intel Corporation

Recent Developments in the Market:

In November 2022, BDx Indonesia, in collaboration with PT Indosat Tbk and PT Aplikasi Lintasarta, announced their joint venture to establish a cutting-edge data center campus that covered 12 acres of land. The land acquisition was made from PT Suryacipta Swadaya, which is part of the Suryainternusa Group. The newly developed campus featured an impressive capacity of 100MW.

In May 2022, NTT Ltd. has declared the establishment of a fresh hyperscale data center site in Mumbai, India. With this addition, NTT now operates a total of 12 data center locations throughout the country, encompassing over 2.5 million square feet of space and providing a substantial facility power of 220 MW. This development further reinforces NTT's dominant position as the leading player in the Indian data center industry.

Global Mega Data Center Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Solutions, Support, Services, Users, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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 Solutions:

Server

Storage

Networking

By Support:

Power

Cooling

Security

By Services:

Professional

Monitoring

SI

By Users:

Cloud

Colocation
Enterprises

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

Middle East & Africa
Saudi Arabia
South Africa
Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Mega Data Center Market, by Region, 2020-2030 (USD Billion)
 - 1.2.2. Mega Data Center Market, by Solutions, 2020-2030 (USD Billion)
 - 1.2.3. Mega Data Center Market, by Support, 2020-2030 (USD Billion)
 - 1.2.4. Mega Data Center Market, by Services, 2020-2030 (USD Billion)
 - 1.2.5. Mega Data Center Market, by Users, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL MEGA DATA CENTER MARKET DEFINITION AND SCOPE

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

CHAPTER 3. GLOBAL MEGA DATA CENTER MARKET DYNAMICS

- 3.1.1.1. Increase demand for data storage facilities
 - 3.1.1.2. Rising adoption of cloud computing
 - 3.1.2. Market Challenges
 - 3.1.2.1. High initial investment cost
 - 3.1.2.2. Low availability of resources
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Increasing demand of cloud-based services
 - 3.1.3.2. Rising technological advancements in mega data center

CHAPTER 4. GLOBAL MEGA DATA CENTER 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
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL MEGA DATA CENTER MARKET, BY SOLUTIONS

- 5.1. Market Snapshot
- 5.2. Global Mega Data Center Market by Solutions, Performance - Potential Analysis
- 5.3. Global Mega Data Center Market Estimates & Forecasts by Solutions 2020-2030 (USD Billion)
- 5.4. Mega Data Center Market, Sub Segment Analysis
 - 5.4.1. Server
 - 5.4.2. Storage
 - 5.4.3. Networking

CHAPTER 6. GLOBAL MEGA DATA CENTER MARKET, BY SUPPORT

- 6.1. Market Snapshot
- 6.2. Global Mega Data Center Market by Support, Performance - Potential Analysis
- 6.3. Global Mega Data Center Market Estimates & Forecasts by Support 2020-2030 (USD Billion)
- 6.4. Mega Data Center Market, Sub Segment Analysis
 - 6.4.1. Power
 - 6.4.2. Cooling

6.4.3. Security

CHAPTER 7. GLOBAL MEGA DATA CENTER MARKET, BY SERVICES

7.1. Market Snapshot

7.2. Global Mega Data Center Market by Services, Performance - Potential Analysis

7.3. Global Mega Data Center Market Estimates & Forecasts by Services 2020-2030 (USD Billion)

7.4. Mega Data Center Market, Sub Segment Analysis

7.4.1. Professional

7.4.2. Monitoring

7.4.3. SI

CHAPTER 8. GLOBAL MEGA DATA CENTER MARKET, BY USERS

8.1. Market Snapshot

8.2. Global Mega Data Center Market by Users, Performance - Potential Analysis

8.3. Global Mega Data Center Market Estimates & Forecasts by Users 2020-2030 (USD Billion)

8.4. Mega Data Center Market, Sub Segment Analysis

8.4.1. Cloud

8.4.2. Colocation

8.4.3. Enterprises

CHAPTER 9. GLOBAL MEGA DATA CENTER MARKET, REGIONAL ANALYSIS

9.1. Top Leading Countries

9.2. Top Emerging Countries

9.3. Mega Data Center Market, Regional Market Snapshot

9.4. North America Mega Data Center Market

9.4.1. U.S. Mega Data Center Market

9.4.1.1. Solutions breakdown estimates & forecasts, 2020-2030

9.4.1.2. Support breakdown estimates & forecasts, 2020-2030

9.4.1.3. Services breakdown estimates & forecasts, 2020-2030

9.4.1.4. Users breakdown estimates & forecasts, 2020-2030

9.4.2. Canada Mega Data Center Market

9.5. Europe Mega Data Center Market Snapshot

9.5.1. U.K. Mega Data Center Market

9.5.2. Germany Mega Data Center Market

- 9.5.3. France Mega Data Center Market
- 9.5.4. Spain Mega Data Center Market
- 9.5.5. Italy Mega Data Center Market
- 9.5.6. Rest of Europe Mega Data Center Market
- 9.6. Asia-Pacific Mega Data Center Market Snapshot
 - 9.6.1. China Mega Data Center Market
 - 9.6.2. India Mega Data Center Market
 - 9.6.3. Japan Mega Data Center Market
 - 9.6.4. Australia Mega Data Center Market
 - 9.6.5. South Korea Mega Data Center Market
 - 9.6.6. Rest of Asia Pacific Mega Data Center Market
- 9.7. Latin America Mega Data Center Market Snapshot
 - 9.7.1. Brazil Mega Data Center Market
 - 9.7.2. Mexico Mega Data Center Market
- 9.8. Middle East & Africa Mega Data Center Market
 - 9.8.1. Saudi Arabia Mega Data Center Market
 - 9.8.2. South Africa Mega Data Center Market
 - 9.8.3. Rest of Middle East & Africa Mega Data Center Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Key Company SWOT Analysis
 - 10.1.1. Company
 - 10.1.2. Company
 - 10.1.3. Company
- 10.2. Top Market Strategies
- 10.3. Company Profiles
 - 10.3.1. Juniper Networks, Inc.
 - 10.3.1.1. Key Information
 - 10.3.1.2. Overview
 - 10.3.1.3. Financial (Subject to Data Availability)
 - 10.3.1.4. Product Summary
 - 10.3.1.5. Recent Developments
 - 10.3.2. Vertiv Group Corp.
 - 10.3.3. International Business Machines Corporation
 - 10.3.4. Schneider Electric, Pvt. Ltd.
 - 10.3.5. NetApp, Inc.
 - 10.3.6. Hewlett Packard Enterprise Development LP,
 - 10.3.7. Cisco Systems Inc.

10.3.8. Dell Computer Corporation

10.3.9. Fujitsu Ltd

10.3.10. Intel Corporation

CHAPTER 11. RESEARCH PROCESS

11.1. Research Process

11.1.1. Data Mining

11.1.2. Analysis

11.1.3. Market Estimation

11.1.4. Validation

11.1.5. Publishing

11.2. Research Attributes

11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Mega Data Center Market, report scope

TABLE 2. Global Mega Data Center Market estimates & forecasts by Region 2020-2030 (USD Billion)

TABLE 3. Global Mega Data Center Market estimates & forecasts by Solutions 2020-2030 (USD Billion)

TABLE 4. Global Mega Data Center Market estimates & forecasts by Support 2020-2030 (USD Billion)

TABLE 5. Global Mega Data Center Market estimates & forecasts by Services 2020-2030 (USD Billion)

TABLE 6. Global Mega Data Center Market estimates & forecasts by Users 2020-2030 (USD Billion)

TABLE 7. Global Mega Data Center Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global Mega Data Center Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global Mega Data Center Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global Mega Data Center Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11. Global Mega Data Center Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global Mega Data Center Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. Global Mega Data Center Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. Global Mega Data Center Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15. Global Mega Data Center Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16. Global Mega Data Center Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 17. U.S. Mega Data Center Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 18. U.S. Mega Data Center Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 19. U.S. Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 20. Canada Mega Data Center Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 21. Canada Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 22. Canada Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 23. UK Mega Data Center Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 24. UK Mega Data Center Market estimates & forecasts by segment 2020-2030
(USD Billion)

TABLE 25. UK Mega Data Center Market estimates & forecasts by segment 2020-2030
(USD Billion)

TABLE 26. Germany Mega Data Center Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 27. Germany Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 28. Germany Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 29. France Mega Data Center Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 30. France Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 31. France Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 32. Italy Mega Data Center Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 33. Italy Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 34. Italy Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 35. Spain Mega Data Center Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 36. Spain Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 37. Spain Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 38. RoE Mega Data Center Market estimates & forecasts, 2020-2030 (USD

Billion)

TABLE 39. RoE Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 40. RoE Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 41. China Mega Data Center Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 42. China Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 43. China Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 44. India Mega Data Center Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 45. India Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 46. India Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 47. Japan Mega Data Center Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 48. Japan Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 49. Japan Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 50. South Korea Mega Data Center Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 51. South Korea Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 52. South Korea Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 53. Australia Mega Data Center Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 54. Australia Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 55. Australia Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 56. RoAPAC Mega Data Center Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 57. RoAPAC Mega Data Center Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 58. RoAPAC Mega Data Center Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59. Brazil Mega Data Center Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 60. Brazil Mega Data Center Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Brazil Mega Data Center Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 62. Mexico Mega Data Center Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 63. Mexico Mega Data Center Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. Mexico Mega Data Center Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 65. RoLA Mega Data Center Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 66. RoLA Mega Data Center Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. RoLA Mega Data Center Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 68. Saudi Arabia Mega Data Center Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 69. South Africa Mega Data Center Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. RoMEA Mega Data Center Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 71. List of secondary sources, used in the study of global Mega Data Center Market

TABLE 72. List of primary sources, used in the study of global Mega Data Center Market

TABLE 73. Years considered for the study

TABLE 74. Exchange rates considered

List of tables and figures are dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Mega Data Center Market, research methodology
 - FIG 2. Global Mega Data Center Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Mega Data Center Market, key trends 2022
 - FIG 5. Global Mega Data Center Market, growth prospects 2023-2030
 - FIG 6. Global Mega Data Center Market, porters 5 force model
 - FIG 7. Global Mega Data Center Market, pest analysis
 - FIG 8. Global Mega Data Center Market, value chain analysis
 - FIG 9. Global Mega Data Center Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10. Global Mega Data Center Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11. Global Mega Data Center Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12. Global Mega Data Center Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13. Global Mega Data Center Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14. Global Mega Data Center Market, regional snapshot 2020 & 2030
 - FIG 15. North America Mega Data Center Market 2020 & 2030 (USD Billion)
 - FIG 16. Europe Mega Data Center Market 2020 & 2030 (USD Billion)
 - FIG 17. Asia pacific Mega Data Center Market 2020 & 2030 (USD Billion)
 - FIG 18. Latin America Mega Data Center Market 2020 & 2030 (USD Billion)
 - FIG 19. Middle East & Africa Mega Data Center Market 2020 & 2030 (USD Billion)
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