

Data Center Rack Market in Europe - Industry Outlook and Forecast 2019-2024

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Abstracts

The Europe data center rack market is projected to reach revenues of approximately \$550 million by 2024, growing at a CAGR of around 7% during 2018–2024.

The Europe data center rack market is driven by the increasing adoption of hot/cold aisle containment systems among operators. The design and manufacture of innovative products that can withstand seismic activities and are available as soundproof enclosures will transform the Europe data center rack market.

In terms of shipments, the UK, Netherlands, Germany, Ireland, France, Denmark, Sweden, and Norway are dominating the Europe data center rack market. Hyperscale data center operators are also actively involved in the adoption of rack architecture designed through open communities such as OCP and Open 19.

The market research report on Europe data center rack market covers market sizing and forecast, market shares, industry trends, growth drivers, and vendor analysis. The market study includes insights on market segmentation by product (cabinets and accessories), size (below 42U, 42U, 45U and 47U, 48U, and other units), end-users (colocation providers and enterprise), and geography (Eastern Europe, Western Europe, and Nordic).

The report considers the present scenario of the Europe data center rack market and its market dynamics for the period 2018–2024. It covers a detailed overview of several market growth enablers, restraints, and trends. The study covers both the demand and supply sides of the market. It profiles and analyzes leading companies and several other prominent companies operating in the market.

Europe Data Center Rack Market Dynamics

The Europe data center rack market highly depends on the construction of new data centers. The market is aided by the increasing construction of modular and prefabricated data center spaces inside the office environment. The demand for IaaS will continue to grow among enterprise customers adopting public cloud and hybrid infrastructure services during the forecast period. In 2018, the Europe cloud computing market was estimated to be around \$20 billion. The demand for data center services such as colocation, managed services, and cloud-connectivity services will gain momentum as over 55% of firms in Europe use advanced cloud services for their financial and accounting software application.

Vertiv, HPE, Rittal, and Schneider Electric dominate the market due to their wide presence across geographies. The adoption of modern rack architecture will enable the mounting of multiple high-performance infrastructure. These architectures are crafted to provide optimized space and improved efficiency to operators. The vendors of Europe data center market are providing customer-centric operational and space requirement solutions. The enforcement of GDPR (General Data Protection Regulation) has increased the awareness about data protection among enterprises, which significantly has led to the adoption of cloud services in Europe and the trend is expected to continue in future.

Europe Data Center Rack Market: Segmentation

The market study includes insights on market segmentation by product, size, end-users, and geography.

The Europe data center rack market by products is classified into rack enclosure cabinets and accessories. The enclosure/cabinet segment dominated the market share in 2018, growing at a CAGR of more than 6% during the forecast period. The use of these cabinets to mount data centers critical and support infrastructure is increasing the growth of this segment in the Europe data center rack market. Open frame racks are predominantly adopted to equip network infrastructure such as switches, while cabinets are offered as servers and network cabinets by vendors. Open frame rack infrastructure and rack enclosures are two different types of cabinets.

The Europe data center rack market by rack size is segmented into below 42U, 42U, 45U & 47U, 48U, and other units. The 42U segment occupied nearly half of the market share in 2018. The 42U rack adoption highly depends on the service provider and

customer preference. Vendors are also continually innovating their 42U racks offerings with over 80% proliferation as well as deeper and wider racks for better airflow and cable management. This segment also includes the adoption of racks based on the OCP design to hyperscale providers. In addition, SMEs with limited computing requirements prefer racks below 42U.

Colocation providers and enterprises are the largest end-users of the Europe data center rack market. Colocation data centers are the dominating segment, which is growing at a CAGR of more than 7%. The colocation of wholesale facilities is expected to increase the demand for data centers construction. Europe is likely to receive continuous investment from colocation providers such as Equinix, Digital Realty, CyrusOne, Interxion, NTT, and Global Switch.

Market Segmentation by Products

- Rack Cabinets

- Accessories

Market Segmentation by Rack Size

- Below 42U

- 42U

- 45U & 47U

- 48U

- Other Rack Units

Market Segmentation by End-user

- Colocation Providers

- Enterprises

Europe Data Center Rack Market: Geography

The Europe data center rack market by geography is categorized into Eastern Europe, Western Europe, and Nordic. Western Europe witnessed significant investments in 2018, with multiple projects carried out by colocation, cloud, telecommunication, and internet service providers in the UK, Germany, France, Ireland, Spain, Italy, Netherlands, Switzerland, Portugal, and Austria. In Ireland, hyperscale data center providers such as Facebook have set up large-scale data centers and have announced expansion plans in the coming years. Also, the market witnessed an increase in M&A activities by Equinix, ST Telemedia, and CyrusOne.

The Nordic region has emerged as a highly sought-after location in the last few years as it has attracted foreign investment from hyperscale computing companies such as Apple, Facebook, and AWS. Local and global service providers such as GlobalConnect, Equinix, Interxion.

Market Segmentation by Geography

Eastern Europe

Germany

France

Italy

Western Europe

Russia

Czech Republic

Poland & Russia

Other Countries

Nordic

Denmark

Norway

Sweden

Finland & Iceland

Key Vendor Analysis

The Europe data center rack market is witnessing partnerships between vendors and facilities operators, thereby driving the competition in the market. The construction of modular and prefabricated facility spaces is creating lucrative opportunities for leading players operating in the market. Companies are focusing on expanding their product portfolios, reducing expenditure, increasing warranty, providing additional services to sustain the intense competition in the market. The incorporation of innovative solutions such as rack-level UPS systems, PDUs, rack-level security systems, Ethernet cabling, and others will increase the competition and boost revenues in the Europe data center rack market. The increase in system scale high-performance computing infrastructure offerings will enable vendors to attract new consumers and increase the market share during the forecast period.

Major Vendors in Europe Data Center Rack Market:

Black Box Network Services

Overview

Product Offerings

Key News

Eaton

Hewlett PackardEnterprise (HPE)

Rittal

Schneider

Vertiv

Other Prominent Vendors

Beijing Finen Electronic Equipment

Overview

Product Offerings

Belden

Cannon Technologies

C&F Group

Chatsworth

Conteg

Dataracks

Delta Power Solutions

Fujitsu

Great Lakes Case & Cabinet

Huawei

Legrand

Oracle

Panduit

Prism Enclosures

Rack Solutions

Retex

Schroff (nVent)

Tripp Lite

Usystems

Key Market Insights

1. An analysis of Europe data center rack market in terms of market sizing and growth opportunities for the forecast period 2018–2023
2. Comprehensive insights into current industry trends, market forecast, and growth drivers about the Europe data center rack market
3. Discussion on the latest analysis of market enablers, growth drivers, challenges, and investment opportunities
4. A complete overview of market segments and the regional outlook of the Europe data center rack market
5. A detailed overview of the vendor landscape, competitive analysis, and key market strategies to gain competitive advantage.

Contents

1 RESEARCH METHODOLOGY

2 RESEARCH OBJECTIVES

3 RESEARCH PROCESS

4 SCOPE & COVERAGE

4.1 Market Definition

4.1.1 Inclusions

4.2 Base Year

4.3 Scope of the study

4.4 Market Segments

4.4.1 Market Segmentation by Product

4.4.2 Market Segmentation by Rack Size

4.4.3 Market Segmentation by End-users

4.4.4 Market Segmentation by Geography

5 REPORT ASSUMPTIONS & CAVEATS

5.1 Key Caveats

5.2 Currency Conversion

5.3 Market Derivation

6 MARKET AT A GLANCE

7 INTRODUCTION

7.1 Overview

7.2 Rack Standards In Data Centers

7.2.1 NEMA Ratings

7.2.2 Electronic Industries Alliance (EIA)

7.2.3 International Electrotechnical Commission (IEC)

7.3 Growing Rack Power Density

8 MARKET DYNAMICS

8.1 Market Growth Enablers

- 8.1.1 Increasing Construction of Hyperscale Data Centers
- 8.1.2 Growing Investment by Colocation Providers
- 8.1.3 Growing Adoption of Modular Data Center Solutions
- 8.1.4 Growing Procurement of Taller, Deeper, and Wider Racks

8.2 Market Growth Restraints

- 8.2.1 Availability of Low-cost Solutions
- 8.2.2 Virtualization of IT Infrastructure
- 8.2.3 Adoption of Immersion Cooling in Data Centers

8.3 Market Opportunities & Trends

- 8.3.1 Availability of Advanced Rack-level Infrastructure Solutions
- 8.3.2 Adoption of Open-rack Architecture
- 8.3.3 Increased Adoption of Rack Scale IT Infrastructure Solutions

9 DATA CENTER RACK MARKET IN EUROPE

9.1 Market Overview

9.2 Market Size & Forecast By Revenue

9.3 Market Size & Forecast BY ShipmentS

9.4 Five Forces Analysis

- 9.4.1 Threat of New Entrants
- 9.4.2 Bargaining Power of Suppliers
- 9.4.3 Bargaining Power of Buyers
- 9.4.4 Threat of Substitutes
- 9.4.5 Competitive Rivalry

10 BY PRODUCT

10.1 Market snapshot & Growth Engine

10.2 Enclosures & Cabinets

- 10.2.1 Market Overview
- 10.2.2 Market Size & Forecast

10.3 Accessories

- 10.3.1 Market Overview
- 10.3.2 Market Size & Forecast

11 BY END-USER

11.1 Market snapshot & Growth Engine

11.2 Market snapshot & Growth Engine by Shipment

11.3 Colocation Data Centers

11.3.1 Market Overview

11.3.2 Market Size & Forecast by Shipments

11.3.3 Market Size and Forecast by Revenue

11.4 Enterprise Data Centers

11.4.1 Market Overview

11.4.2 Market Size and Forecast by Shipments

11.4.3 Market Size and Forecast by Revenue

12 BY RACK SIZE

12.1 Average Selling Price (ASP) by Rack Units in Europe

12.2 Data Center Rack Market in Europe BY REVENUE

12.3 Data Center Rack Market in Europe BY Shipments

12.4 Below 42U Racks

12.4.1 Market Size by Shipments

12.4.2 Market Size by Revenue

12.5 42U Racks

12.5.1 Market Size by Shipments

12.5.2 Market Size by Revenue

12.6 45?47U Racks

12.6.1 Market Size by Shipments

12.6.2 Market Size by Revenue

12.7 48U Racks

12.7.1 Market Size by Shipments

12.7.2 Market Size by Revenue

12.8 Others

12.8.1 Market Size by Shipments

12.8.2 Market Size by Revenue

13 BY GEOGRAPHY

13.1 Market snapshot & Growth Engine

14 WESTERN EUROPE

14.1 Market Size by Shipments

14.2 Market Size by Revenue

14.3 ASP of Racks by Rack Size in Western Europe

14.4 Shipments by Rack Size in Western Europe

15 KEY COUNTRIES IN WESTERN EUROPE

15.1 UK

15.1.1 Market Overview

15.1.2 Market Size by Shipments

15.1.3 Market Size by Investment

15.1.4 ASP by Size in the UK

15.1.5 Shipments by Size in the UK

15.2 Netherlands

15.2.1 Market Overview

15.2.2 Market Size by Shipments

15.2.3 Market Size by Investment

15.2.4 ASP by Size in Netherlands

15.2.5 Shipments by Size in Netherlands

15.3 Germany

15.3.1 Market Overview

15.3.2 Market Size by Shipments

15.3.3 Market Size by Investment

15.3.4 ASP by Size in Germany

15.3.5 Shipments by Size in Germany

15.4 France

15.4.1 Market Overview

15.4.2 Market Size by Shipments

15.4.3 Market Size by Investment

15.4.4 ASP by Size in France

15.4.5 Shipments by Size in France

15.5 Ireland

15.5.1 Market Overview

15.5.2 Market Size by Shipments

15.5.3 Market Size by Investment

15.5.4 ASP by Size in Ireland

15.5.5 Shipments by Size in Ireland

15.6 Italy

15.6.1 Market Overview

15.6.2 Market Size by Shipments

15.6.3 Market Size by Investment

- 15.6.4 ASP by Size in Italy
- 15.6.5 Shipments by Size in Italy
- 15.7 Other Western European Countries
 - 15.7.1 Market Overview
 - 15.7.2 Market Size by Shipments
 - 15.7.3 Market Size by Investment
 - 15.7.4 ASP by Size in Other Western European Countries
 - 15.7.5 Shipments by Size in Other Western European Countries

16 NORDIC REGION

- 16.1 Market Overview
- 16.2 Market Size by Shipments
- 16.3 Market Size by Revenue
- 16.4 ASP of Racks by Rack Size in Nordics
- 16.5 Rack Shipments by Rack Size in Nordics

17 KEY COUNTRIES IN NORDIC REGION

- 17.1 Market snapshot & Growth Engine
- 17.2 Denmark
 - 17.2.1 Market Overview
 - 17.2.2 Market Size by Shipments
 - 17.2.3 Market Size by Investment
 - 17.2.4 ASP by Size in Denmark
 - 17.2.5 Shipments by Size in Denmark
- 17.3 Norway
 - 17.3.1 Market Overview
 - 17.3.2 Market Size by Shipments
 - 17.3.3 Market Size by Investment
 - 17.3.4 ASP by Size in Norway
 - 17.3.5 Shipments by Size in Norway
- 17.4 Sweden
 - 17.4.1 Market Overview
 - 17.4.2 Market Size by Shipments
 - 17.4.3 Market Size by Investment
 - 17.4.4 ASP by Size in Sweden
 - 17.4.5 Shipments by Size in Sweden
- 17.5 Finland & Iceland

- 17.5.1 Market Overview
- 17.5.2 Market Size by Shipments
- 17.5.3 Market Size by Investment
- 17.5.4 ASP by Size in Finland & Ireland
- 17.5.5 Shipments by Size in Finland & Ireland

18 CENTRAL & EASTERN EUROPE

- 18.1 Market Overview
- 18.2 Market Size by Shipments
- 18.3 Market Size by Revenue
- 18.4 ASP of Racks by Rack Size in Eastern Europe
- 18.5 Shipments by Rack Size in Eastern Europe

19 KEY COUNTRIES IN EASTERN & CENTRAL EUROPE

- 19.1 Market snapshot & Growth Engine
- 19.2 Russia
 - 19.2.1 Market Overview
 - 19.2.2 Market Size by Shipments
 - 19.2.3 Market Size by Investment
 - 19.2.4 ASP by Size in Russia
 - 19.2.5 Shipments by Size in Russia
- 19.3 Czech republic
 - 19.3.1 Market Overview
 - 19.3.2 Market Size by Shipments
 - 19.3.3 Market Size by Investment
 - 19.3.4 ASP by Size in Czech Republic
 - 19.3.5 Shipments by Size in Czech Republic
- 19.4 Poland & Austria
 - 19.4.1 Market Overview
 - 19.4.2 Market Size by Shipments
 - 19.4.3 Market Size by Investment
 - 19.4.4 ASP by Size in Poland & Austria
 - 19.4.5 Shipments by Size in Poland & Austria
- 19.5 Other Eastern European Countries
 - 19.5.1 Market Overview
 - 19.5.2 Market Size by Shipments
 - 19.5.3 Market Size by Investment

19.5.4 ASP by Size in Other Countries

19.5.5 Shipments by Size in Other Countries

20 COMPETITIVE LANDSCAPE

20.1 Competition Overview

21 KEY COMPANY PROFILES

21.1 Black Box Network Services

21.1.1 Business overview

21.1.2 Product offerings

21.1.3 Key news

21.2 Eaton

21.2.1 Business overview

21.2.2 Product offerings

21.3 Hewlett Packard Enterprise (HPE)

21.3.1 Business overview

21.3.2 Product offerings

21.4 Rittal

21.4.1 Business overview

21.4.2 Product offerings

21.4.3 Key news

21.5 Schneider Electric

21.5.1 Business overview

21.5.2 Product offerings

21.5.3 Key news

21.6 Vertiv

21.6.1 Business overview

21.6.2 Product offerings

21.6.3 Key news

22 OTHER PROMINENT VENDORS

22.1 Beijing Finen Electronic Equipment

22.1.1 Business overview

22.1.2 Product offerings

22.2 Belden

22.2.1 Business overview

- 22.2.2 Product offerings
- 22.3 Cannon Technologies
 - 22.3.1 Business overview
 - 22.3.2 Product offerings
- 22.4 C&F Group
 - 22.4.1 Business overview
 - 22.4.2 Product offerings
- 22.5 Chatsworth Products
 - 22.5.1 Business overview
 - 22.5.2 Product offerings
- 22.6 CONTEG
 - 22.6.1 Business overview
 - 22.6.2 Product offerings
- 22.7 Dataracks
 - 22.7.1 Business overview
 - 22.7.2 Product offerings
- 22.8 Delta Power Solutions (Delta Group)
 - 22.8.1 Business overview
 - 22.8.2 Product offerings
- 22.9 FUJITSU
 - 22.9.1 Business overview
 - 22.9.2 Product offerings
- 22.10 Great Lakes Case & Cabinet
 - 22.10.1 Business overview
 - 22.10.2 Product offerings
- 22.11 Huawei
 - 22.11.1 Business overview
 - 22.11.2 Product offerings
- 22.12 Legrand
 - 22.12.1 Business overview
- 22.13 Oracle
 - 22.13.1 Business overview
 - 22.13.2 Product offerings
- 22.14 Panduit
 - 22.14.1 Business overview
 - 22.14.2 Product offerings
- 22.15 Prism Enclosures
 - 22.15.1 Business overview
 - 22.15.2 Product offerings

22.16 Rack Solutions

22.16.1 Business overview

22.16.2 Product offerings

22.17 Retex

22.17.1 Business overview

22.17.2 Product offerings

22.18 Schroff (Nvent)

22.18.1 Business overview

22.18.2 Product offerings

22.19 Tripp Lite

22.19.1 Business overview

22.19.2 Product offerings

22.20 USYSTEMS

22.20.1 Business overview

22.20.2 Product offerings

23 REPORT SUMMARY

23.1 Key Takeaways

23.2 Strategic Recommendations

23.3 Quantitative Summary

23.3.1 Overall Market Size

23.3.2 ASP of Data Center Rack by Size

23.3.3 Data Center Rack Shipment by Size

23.3.4 Data Center Rack Revenue by Size

23.3.5 Data Center Rack Market Revenue by End-User

23.3.6 Data Center Rack Market Shipment by End-User

23.3.7 Data Center Rack Market by Product

23.3.8 Rack Market by Region (Revenue)

23.3.9 Rack Market by Region (Shipment)

23.3.10 Rack Market in Western Europe

23.3.11 UK

23.3.12 Netherlands

23.3.13 Germany

23.3.14 France

23.3.15 Ireland

23.3.16 Italy

23.3.17 Other Western Europe

23.3.18 Rack Market in Nordics

- 23.3.19 Denmark
- 23.3.20 Norway
- 23.3.21 Sweden
- 23.3.22 Finland & Iceland
- 23.3.24 Rack Market in Eastern Europe
- 23.3.25 Russia
- 23.3.26 Czech Republic
- 23.3.27 Poland & Austria
- 23.3.28 Other Eastern European Countries

24 APPENDIX

24.1 Abbreviations

List Of Exhibits

LIST OF EXHIBITS

- Exhibit 1 Segmentation of Data Center Rack Market in Europe
- Exhibit 2 Market Size Calculation Approach 2018
- Exhibit 3 Rack Power Density in Data Center Market in Europe (2010–2024)
- Exhibit 4 Impact of Increasing Construction of Hyperscale Data Centers
- Exhibit 5 Impact of Growing Investment by Colocation Providers
- Exhibit 6 Impact of Growing Adoption of Modular Data Center Solutions
- Exhibit 7 Impact of Growing Procurement of Taller, Deeper, and Wider Racks
- Exhibit 8 Impact of Availability of Low-cost Solutions
- Exhibit 9 Impact of Virtualization of IT Infrastructure
- Exhibit 10 Impact of Adoption of Immersion Cooling in Data Centers
- Exhibit 11 Impact of Availability of Advanced Rack-level Infrastructure Solutions
- Exhibit 12 Impact of Adoption of Open-rack Architecture
- Exhibit 13 Impact of Increased Adoption of Rack Scale IT Infrastructure Solutions
- Exhibit 14 Data Center Rack Market in Europe 2018?2024 (\$ million)
- Exhibit 15 Data Center Rack Market in Europe 2018?2024 (Thousand Units)
- Exhibit 16 Five Force Analysis 2018
- Exhibit 17 Incremental Growth by Product 2018?2024
- Exhibit 18 Data Center Enclosures & Cabinets Market in Europe 2018?2024 (\$ million)
- Exhibit 19 Data Center Rack Accessories Market in Europe 2018?2024 (\$ million)
- Exhibit 20 Incremental Growth by End-user 2018?2024
- Exhibit 21 Incremental Growth by End-user 2018?2024
- Exhibit 22 Data Center Rack Market in Europe - Shipments by End-users 2018 & 2024
- Exhibit 23 Colocation Data Center Rack Market in Europe 2018?2024 (Thousand Units)
- Exhibit 24 Colocation Data Center Rack Market in Europe 2018?2024 (\$ million)
- Exhibit 25 Enterprise Data Center Rack Market in Europe 2018?2024 (Thousand Units)
- Exhibit 26 Enterprise Data Center Rack Market in Europe 2018?2024 (\$ million)
- Exhibit 27 ASP of Data Center Rack in Europe by Rack Units (\$)
- Exhibit 28 Data Center Rack Market in Europe by Revenue (\$ million)
- Exhibit 29 Data Center Rack Market in Europe Share by Rack Size 2018
- Exhibit 30 Data Center Rack Market in Europe Share by Rack Size 2024
- Exhibit 31 Data Center Rack Market in Europe by Shipments (Thousand Units)
- Exhibit 32 Data Center Below 42U Rack Market in Europe 2018?2024 (Thousand Units)
- Exhibit 33 Data Center Below 42U Rack Market in Europe 2018?2024 (\$ million)
- Exhibit 34 Data Center 42U Rack Market in Europe 2018?2024 (Thousand Units)
- Exhibit 35 Data Center 42U Rack Market in Europe 2018?2024 (\$ million)

- Exhibit 36 Data Center 45?47U Rack Market in Europe 2018?2024 (Thousand Units)
- Exhibit 37 Data Center 45?47U Rack Market in Europe 2018?2024 (\$ million)
- Exhibit 38 Data Center 48U Rack Market in Europe 2018?2024 (Thousand Units)
- Exhibit 39 Data Center 48U Rack Market in Europe 2018?2024 (\$ million)
- Exhibit 40 Data Center Other Rack Market in Europe 2018?2024 (Thousand Units)
- Exhibit 41 Data Center Other Rack Market in Europe 2018?2024 (\$ million)
- Exhibit 42 Incremental Growth by Geography 2018?2024
- Exhibit 43 Data Center Rack Market in Western Europe 2018?2024 (Thousand Units)
- Exhibit 44 Data Center Rack Market in Western Europe 2018?2024 (\$ million)
- Exhibit 45 Data Center Rack Market ASP in Western Europe 2018–2024 (\$)
- Exhibit 46 Data Center Rack Market in Western Europe Shipments 2018–2024 (Thousand Units)
- Exhibit 47 Incremental Growth in Western Europe 2018?2024
- Exhibit 48 Data Center Rack Market in UK 2018?2024 (Thousand Units)
- Exhibit 49 Data Center Rack Market in UK 2018?2024 (\$ million)
- Exhibit 50 Data Center Rack Market ASP in UK by Rack Size 2018–2024 (\$)
- Exhibit 51 Data Center Rack Market Shipments in UK by Rack Size 2018–2024 (Thousand Units)
- Exhibit 52 Data Center Rack Market in Netherlands 2018?2024 (Thousand Units)
- Exhibit 53 Data Center Rack Market in Netherlands 2018?2024 (\$ million)
- Exhibit 54 Data Center Rack Market ASP in Netherlands by Rack Size 2018–2024 (\$)
- Exhibit 55 Data Center Rack Market Shipments in Netherlands by Rack Size 2018–2024 (Thousand Units)
- Exhibit 56 Data Center Rack Market in Germany 2018?2024 (Thousand Units)
- Exhibit 57 Data Center Rack Market in Germany 2018?2024 (\$ million)
- Exhibit 58 Data Center Rack Market ASP in Germany by Rack Size 2018–2024 (\$)
- Exhibit 59 Data Center Rack Market Shipments in Germany by Rack Size 2018–2024 (Thousand Units)
- Exhibit 60 Data Center Rack Market in France 2018?2024 (Thousand Units)
- Exhibit 61 Data Center Rack Market in France 2018?2024 (\$ million)
- Exhibit 62 Data Center Rack Market ASP in France by Rack Size 2018–2024 (\$)
- Exhibit 63 Data Center Rack Market Shipments in France by Rack Size 2018–2024 (Thousand Units)
- Exhibit 64 Data Center Rack Market in Ireland 2018?2024 (Thousand Units)
- Exhibit 65 Data Center Rack Market in Ireland 2018?2024 (\$ million)
- Exhibit 66 Data Center Rack Market ASP in Ireland by Rack Size 2018–2024 (\$)
- Exhibit 67 Data Center Rack Market Shipments in Ireland by Rack Size 2018–2024 (Thousand Units)
- Exhibit 68 Data Center Rack Market in Italy 2018?2024 (Thousand Units)

- Exhibit 69 Data Center Rack Market in Italy 2018?2024 (\$ million)
- Exhibit 70 Data Center Rack Market ASP in Italy by Rack Size 2018–2024 (\$)
- Exhibit 71 Data Center Rack Market Shipments in Italy by Rack Size 2018–2024 (Thousand Units)
- Exhibit 72 Data Center Rack Market in Other Western European Countries 2018?2024 (Thousand Units)
- Exhibit 73 Data Center Rack Market in Other Western European Countries 2018?2024 (\$ million)
- Exhibit 74 Data Center Rack Market ASP in Other Western European Countries by Rack Size 2018–2024 (\$)
- Exhibit 75 Data Center Rack Market Shipments in Other Western European Countries by Rack Size 2018–2024 (Thousand Units)
- Exhibit 76 Data Center Rack Market in Nordics 2018?2024 (Thousand Units)
- Exhibit 77 Data Center Rack Market in Nordics 2018?2024 (\$ million)
- Exhibit 78 Data Center Rack Market ASP in Nordics by Rack Size 2018–2024 (\$)
- Exhibit 79 Data Center Rack Market Shipments in Nordics by Rack Size 2018–2024 (Thousand Units)
- Exhibit 80 Incremental Growth in Nordics 2018?2024
- Exhibit 81 Data Center Rack Market in Denmark 2018?2024 (Thousand Units)
- Exhibit 82 Data Center Rack Market in Denmark 2018?2024 (\$ million)
- Exhibit 83 Data Center Rack Market ASP in Denmark by Rack Size 2018–2024 (\$)
- Exhibit 84 Data Center Rack Market Shipments in Denmark by Rack Size 2018–2024 (Thousand Units)
- Exhibit 85 Data Center Rack Market in Norway 2018?2024 (Thousand Units)
- Exhibit 86 Data Center Rack Market in Norway 2018?2024 (\$ million)
- Exhibit 87 Data Center Rack Market ASP in Norway by Rack Size 2018–2024 (\$)
- Exhibit 88 Data Center Rack Market Shipments in Norway by Rack Size 2018–2024 (Thousand Units)
- Exhibit 89 Data Center Rack Market in Sweden 2018?2024 (Thousand Units)
- Exhibit 90 Data Center Rack Market in Sweden 2018?2024 (\$ million)
- Exhibit 91 Data Center Rack Market ASP in Sweden by Rack Size 2018–2024 (\$)
- Exhibit 92 Data Center Rack Market Shipments in Sweden by Rack Size 2018–2024 (Thousand Units)
- Exhibit 93 Data Center Rack Market in Finland & Iceland 2018?2024 (Thousand Units)
- Exhibit 94 Data Center Rack Market in Finland & Iceland 2018?2024 (\$ million)
- Exhibit 95 Data Center Rack Market ASP in Finland & Iceland by Rack Size 2018–2024 (\$)
- Exhibit 96 Data Center Rack Market Shipments in Finland & Iceland by Rack Size 2018–2024 (Thousand Units)

Exhibit 97 Data Center Rack Market in Central & Eastern Europe 2018?2024 (Thousand Units)

Exhibit 98 Data Center Rack Market in Central & Eastern Europe 2018?2024 (\$ million)

Exhibit 99 Data Center Rack Market ASP in Central & Eastern Europe by Rack Size 2018–2024 (\$)

Exhibit 100 Data Center Rack Market Shipments in Central & Eastern Europe by Rack Size 2018–2024 (Thousand Units)

Exhibit 101 Incremental Growth by Eastern & Central Europe 2018?2024

Exhibit 102 Data Center Rack Market in Russia 2018?2024 (Thousand Units)

Exhibit 103 Data Center Rack Market in Russia 2018–2024 (\$ million)

Exhibit 104 Data Center Rack Market ASP in Russia by Rack Size 2018–2024 (\$)

Exhibit 105 Data Center Rack Market Shipments in Russia by Rack Size 2018–2024 (Thousand Units)

Exhibit 106 Data Center Rack Market in Czech Republic 2018?2024 (Thousand Units)

Exhibit 107 Data Center Rack Market in Czech Republic 2018?2024 (\$ million)

Exhibit 108 Data Center Rack Market ASP in Czech Republic by Rack Size 2018–2024 (\$)

Exhibit 109 Data Center Rack Market Shipments in Czech Republic by Rack Size 2018–2024 (Thousand Units)

Exhibit 110 Data Center Rack Market in Poland & Russia 2018?2024 (Thousand Units)

Exhibit 111 Data Center Rack Market in Poland & Russia 2018?2024 (\$ million)

Exhibit 112 Data Center Rack Market ASP in Poland & Russia by Rack Size 2018–2024 (\$)

Exhibit 113 Data Center Rack Market Shipments in Poland & Russia by Rack Size 2018–2024 (Thousand Units)

Exhibit 114 Data Center Rack Market in Other Central & Eastern European Countries 2018?2024 (

Exhibit 115 Data Center Rack Market in Other Central & Eastern European Countries 2018?2024 (\$ million)

Exhibit 116 Data Center Rack Market ASP in Central & Eastern Europe Countries by Rack Size 2018–2024 (\$)

Exhibit 117 Data Center Rack Market Shipments in Central & Eastern Europe Countries by Rack Size 2018–2024 (Thousand Units)

List Of Tables

LIST OF TABLES

Table 1 Key Caveats

Table 2 Currency Conversion 2013?2018

Table 3 Black Box Network Services: Product Offerings

Table 4 Data Center Rack Market in Europe 2018?2024

Table 5 ASP of Data Center Rack Market in Europe by Rack Size 2018?2024 (\$)

Table 6 Data Center Rack Market in Europe Shipments by Rack Size 2018?2024
(Thousand Units)

Table 7 Data Center Rack Market in Europe Revenue by Rack Size 2018?2024 (\$
million)

Table 8 Data Center Rack Market in Europe by End-user 2018?2024 (\$ million)

Table 9 Data Center Rack Market in Europe Shipments by End-user 2018?2024
(Thousand Units)

Table 10 Data Center Rack Market in Europe by Product 2018?2024 (\$ million)

Table 11 Data Center Rack Market in Europe by Geography 2018?2024 (\$ million)

Table 12 Data Center Rack in Europe Shipments by Geography 2018?2024 (Thousand
Units)

Table 13 Data Center Rack Market in Western Europe by Rack Size 2018?2024
(Thousand Units)

Table 14 Data Center Rack Market in Western Europe by Rack Size 2018?2024 (\$
million)

Table 15 Data Center Rack Market in Western Europe ASP by Rack Size 2018?2024
(\$)

Table 16 Data Center Rack Market in UK 2018?2024

Table 17 ASP of Data Center Rack Market in UK 2018?2024 (\$)

Table 18 Data Center Rack Market in UK Shipments by Rack Size 2018?2024
(Thousand Units)

Table 19 Data Center Rack Market in Netherlands 2018?2024

Table 20 ASP of Data Center Rack Market in Netherlands 2018?2024 (\$)

Table 21 Data Center Rack Market in Netherlands by Rack Size 2018?2024 (Thousand
Units)

Table 22 Data Center Rack Market in Germany 2018?2024

Table 23 ASP of Data Center Rack Market in Germany 2018?2024 (\$)

Table 24 Data Center Rack Market in Germany by Rack Size 2018?2024 (Thousand
Units)

Table 25 Data Center Rack Market in France 2018?2024

Table 26 ASP of Data Center Rack Market in France 2018?2024 (\$)
Table 27 Data Center Rack Market in France Shipments by Rack Size 2018?2024 (Thousand Units)
Table 28 Data Center Rack Market in Ireland 2018?2024
Table 29 ASP of Data Center Rack Market in Ireland 2018?2024 (\$)
Table 30 Data Center Rack in Ireland Shipments by Rack Size 2018?2024 (Thousand Units)
Table 31 Data Center Rack Market in Italy 2018?2024
Table 32 ASP of Data Center Rack Market in Italy 2018?2024 (\$)
Table 33 Data Center Rack Market in Italy Shipments by Rack Size 2018?2024 (Thousand Units)
Table 34 Data Center Rack Market in Other Western European Countries 2018?2024
Table 35 ASP of Data Center Rack Market in Other Western European Countries 2018?2024 (\$)
Table 36 Data Center Rack Market Shipments in Other Western European Countries 2018?2024 (Thousand Units)
Table 37 Data Center Rack Market in Nordics by Rack Size 2018?2024 (Thousand Units)
Table 38 Data Center Rack Market in Nordics by Rack Size 2018?2024 (\$ million)
Table 39 Data Center Rack Market in Nordics ASP by Rack Size 2018?2024 (\$)
Table 40 Data Center Rack Market in Denmark 2018?2024
Table 41 ASP of Data Center Rack Market in Denmark 2018?2024 (\$)
Table 42 Data Center Rack Market in Denmark by Shipments 2018?2024 (Thousand Units)
Table 43 Data Center Rack Market in Norway 2018?2024
Table 44 ASP of Data Center Rack Market in Norway 2018?2024 (\$)
Table 45 Data Center Rack Market in Norway 2018?2024 (Thousand Units)
Table 46 Data Center Rack Market in Sweden 2018?2024
Table 47 ASP of Data Center Rack Market in Sweden 2018?2024 (\$)
Table 48 Data Center Rack Market in Sweden 2018?2024 (Thousand Units)
Table 49 Data Center Rack Market in Finland & Iceland 2018?2024
Table 50 ASP of Data Center Rack Market in Finland & Iceland 2018?2024 (\$)
Table 51 Data Center Rack Market in Finland & Iceland 2018?2024 (Thousand Units)
Table 52 Data Center Rack Market in Eastern Europe by Rack Size 2018?2024 (Thousand Units)
Table 53 Data Center Rack Market in Eastern Europe by Rack Size 2018?2024 (\$ million)
Table 54 Data Center Rack Market in Eastern Europe ASP by Rack Size 2018?2024 (\$)
Table 55 Data Center Rack Market in Russia 2018?2024

Table 56 ASP of Data Center Rack Market in Russia 2018?2024 (\$)
Table 57 Data Center Rack Market in Russia 2018?2024 (Thousand Units)
Table 58 Data Center Rack Market in Czech Republic 2018?2024
Table 59 ASP of Data Center Rack Market in Czech Republic 2018?2024 (\$)
Table 60 Data Center Rack Market in Czech Republic 2018?2024 (Thousand Units)
Table 61 Data Center Rack Market in Poland & Austria 2018?2024
Table 62 ASP of Data Center Rack Market in Poland & Austria 2018?2024 (\$)
Table 63 Data Center Rack Market in Poland & Austria 2018?2024 (Thousand Units)
Table 64 Data Center Rack Market in Other Eastern European Countries 2018?2024
Table 65 ASP of Data Center Rack in Other Eastern European Countries 2018?2024 (\$)
Table 66 Data Center Rack Market in Other Eastern European Countries 2018?2024 (Thousand Units)

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