

Data Center Construction Market in Latin America - Industry Outlook and Forecast 2019-2024

<https://marketpublishers.com/r/DBA4042D5D7EN.html>

Date: September 2019

Pages: 265

Price: US\$ 3,500.00 (Single User License)

ID: DBA4042D5D7EN

Abstracts

The Latin America data center construction market is projected to grow at a CAGR of around 7% during the forecast period.

The Latin America data center construction market is witnessing significant investments from data center operators such as Ascenty (Digital Realty and Brookfield Infrastructure), Equinix, ODATA, Telefónica, Axtel, Telecarrier, and Entel. The adoption of cloud-based and managed services and colocation and cloud connectivity services is expected to be a major driver for Latin America data center market growth. The growing number of data centers in Latin America and the increase in awareness to reduce energy consumption have led to the higher adoption of DCIM solutions, which bring significant saving to data center OPEX. Hence, the growing implementation of DCIM solutions in data centers is likely to drive the market in Latin America. Further, the use of artificial intelligence and robot monitoring systems is also expected to contribute in the growth of Latin America data center construction market during the forecast period.

The availability of tax incentives in several Latin American countries for the data center development for both local and global investors is one of the major factors driving the Latin America data construction market during the forecast period.

The following factors are likely to contribute to the growth of the Latin America data center construction market during the forecast period:

Increased interest of modular/ containerized/ POD data center deployment

Increased adoption of free cooling in data centers

Adoption of edge data centers deployments

This research report on the Latin America data center construction market covers market sizing & forecast, market share, industry trends, growth drivers, and vendor analysis. The market study includes insights on segmentation by general construction (building development, installation and commissioning services, building design, physical security, and DCIM), electrical infrastructure (UPS systems, generators, transfer switches and switchgears, rack PDUs, and others), mechanical infrastructure ((cooling systems: CRAC & CRAH units, chiller units, cooling towers, and dry coolers, economizers and evaporative coolers, and other units) racks and other infrastructure), tier standards (tier I & II, tier III, & tier IV), and geography (Brazil, Colombia, Chile, and Rest of Latin America).

The study considers the present scenario of the Latin America data center construction 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. The report also profiles and examines leading companies and other prominent companies operating in the market

Latin America Data Center Construction Market: Segmentation

This research report includes detailed market segmentation by infrastructure, general construction, mechanical infrastructure, tier standards, and geography. The demand for generators in the Latin America data center market is expected to grow significantly due to the unreliability of power supply in several countries in Latin America. However, to reduce carbon emission, natural gas and bi-fuel generators are expected to gain traction in the market. The use of DRUPS systems is likely to gain prominence in the region, as they combine both battery and flywheel UPS topology with a diesel generator to provide backup during power outages. UPS systems of 2N redundancy are likely to gain significant traction in the Latin America data center construction market due to the increasing Greenfield data center development (generally more than 10MW). The market will also witness the emergence of lithium-ion battery systems as they are more efficient and safer than VRLA batteries.

The growing number of greenfield and modular facilities projects is likely to continue in the market over the next few years. The modular construction will add significant revenue to the market during the forecast period. Besides, the need for the skilled workforce with expertise in the construction and operation of facilities is likely to grow in

the Latin America data center construction market. Due to increased uptime and efficacy, the adoption of tier III standards comprising N+1 redundancy will gain propulsion, thus driving the Latin America data center construction market.

The growth of cooling system markets depends on the construction of data centers, type of adopted systems, redundancy, cost, and growth of rack power density. The growing construction of data centers in Latin America will increase the adoption of 45U, 47U, and 48U rack units. The market will also witness increased containment-based design with up to 20 racks. Further, piping units, pump systems, and valves used during the construction of facilities are major revenue generators for the other infrastructure segment.

Over 85% of certified data centers are Tier III types. Most facilities in Brazil, Colombia, Chile, Argentina, Mexico, and Peru are Tier III certified. However, several facilities are being constructed as colocation data centers. Most new facilities are designed as per Tier III standards with a minimum of N+1 redundancy; however, flexible design can help them to be reconfigured up to 2N+1 redundancy as and when the demand arises. The increased investment by hyperscale developers and the adoption of modular data centers of tier IV standards are expected to boost the Latin America data center construction market.

Market Segmentation by General Construction

Building Development

Installation and Commissioning Services

Building Design

Physical Security

DCIM

Market Segmentation by Electrical Infrastructure

UPS System

Generators

Transfer Switches and Switch Gear

Rack PDUs

Others

Market Segmentation by Mechanical Infrastructure

CRAC & CRAH Units

Chiller Units

Cooling Tower and Dry Coolers

Economizer and Evaporative Coolers

Other Units

Market Segmentation by Tier Standards

Tier I & II

Tier III

Tier IV

Latin America Data Center Construction Market: Geography

The data center construction market in Brazil is expected to attract high investments from colocation providers during the forecast period. For instance, The national innovation and technology funding agency FINEP (Funding Authority for Studies and Projects) will allocate \$670 million to Brazilian Smart Industry projects. Thus, the increased investment will boost the Latin America data center construction market.

Colombia is widely gaining momentum in the data center construction market due to the

availability of infrastructure and tax incentives. Further, the increased number of mobile devices and access to the internet will likely to add a greater number of facilities during the forecast period. The growing demand for cloud-based services, internet of things (IoT) and big data analytics has significantly contributed to the growth of the data center market in Chile. Also, substantial investment from big cloud providers such as Google in Chile will bring new job opportunities in the country, thereby boosting the Latin America data center construction market. The investment in improving the digital economy is expected to drive the market among the rest of the countries in Latin America.

Key Profiled Countries

Brazil

Colombia

Chile

Rest of Latin America

Argentina

Ecuador

Peru

Venezuela

Uruguay

Nicaragua

Paraguay

Mexico

Bolivia

Honduras

The Caribbean

Key Vendor Analysis

The Latin America data center construction market is continuing to grow in terms of greenfield and modular data center construction projects. The market is witnessing the increased growth in the region, with high adoption of efficient and modular data center infrastructure solutions. The strong presence of vendors across all three categories - electrical infrastructure, mechanical infrastructure, and general construction - is expected to boost the Latin America data center construction market during the forecast period.

Key Construction Vendors

AECOM

ConstuctoraSudamericana S.A.

Flexenclosure

Aceco TI

ZFB Group

Key Infrastructure Providers

ABB

Eaton

Rittal

KINOLT (Euro-Diesel)

Schneider Electric

STULZ

Vertiv

Key Data Center Investors

Ascenty

Equinix

Google

ODATA

Tigo (MALLICOM)

Prominent Construction Contractors

Fluor Corporation

Holder Construction

Jacobs

Mortenson Construction

Prominent Infrastructure Providers

Active Power

AIRSYS

Alfa Laval

Assa Abloy

Axis Communications

Bosch Security Systems

Caterpillar

Cisco

Cummins

Daikin Applied

Delta Group

Generac Power System

Honeywell International

Intel DCM

Legrand

Mitsubishi

Munters

Nortek Humidity

Panduit

Siemens

Prominent Data Center Investors

EdgeConnex

GTD Group

Telefonica

Key market insights include

1. The analysis of Latin America data center construction market provides market size and growth rate for the forecast period 2018-2024.
2. It offers comprehensive insights on current industry trends, trend forecast, and growth drivers about the Latin America data center construction market.
3. The report provides the latest analysis of market share, growth drivers, challenges, and investment opportunities.
4. It offers a complete overview of market segments and the regional outlook for Latin America data center construction market.
5. The report offers 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

4.2 Base Year

4.3 Scope of the study

4.4 Market Segments

4.4.1 Market Segmentation by Infrastructure

4.4.2 Market Segmentation by Electrical Infrastructure

4.4.3 Market Segmentation by Mechanical Infrastructure

4.4.4 Market Segmentation by Cooling Systems

4.4.5 Market Segmentation by General Construction

4.4.6 Market Segmentation by Tier Standards

4.4.7 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 Data Center Site Selection Criteria

7.1.1 Key

7.2 Internet Penetration

7.2.1 Impact of Internet Penetration in Latin America

8 MARKET DYNAMICS

8.1 Market Growth Enablers

- 8.1.1 Demand for Cloud, Colocation, & Managed Service Providers
- 8.1.2 Rising Interest for Modular/Containerized/POD Data Center Deployment
- 8.1.3 Growth in Construction of Green Data Centers
- 8.1.4 Growth of Network Connectivity & High-speed Bandwidth
- 8.1.5 Increased Tax Incentives & Low Cost of Data Center Construction

8.2 Market Growth Restraints

- 8.2.1 Lack of Skilled Workforce
- 8.2.2 Location Constraints for Data Center Construction
- 8.2.3 High Cost of Data Center Infrastructure

8.3 Market Opportunities & Trends

- 8.3.1 Increased Adoption of DCIM Solutions
- 8.3.2 Growing Rack Power Density in Data Centers
- 8.3.3 Increasing Adoption of Free Cooling in Data Centers
- 8.3.4 Shift to Edge Data Center Deployments

9 MARKET LANDSCAPE

9.1 Market Overview

9.2 Market Size & Forecast

9.3 Five Forces Analysis

- 9.3.1 Threat of New Entrants
- 9.3.2 Bargaining Power of Suppliers
- 9.3.3 Bargaining Power of Buyers
- 9.3.4 Threat of Substitutes
- 9.3.5 Competitive Rivalry

10 BY INFRASTRUCTURE

10.1 Market Snapshot & Growth Engine

10.2 Market Overview

10.3 Electrical Infrastructure

- 10.3.1 Market Overview
- 10.3.2 Market Size & Forecast

10.4 General Construction

- 10.4.1 Market Overview
- 10.4.2 Market Size & Forecast

10.5 Mechanical Infrastructure

- 10.5.1 Market Overview

10.5.2 Market Size & Forecast

11 BY ELECTRICAL INFRASTRUCTURE

11.1 Market Segment Snapshot & Growth Engine

11.2 Generators

11.2.1 Market Overview

11.2.2 Market Size & Forecast

11.3 UPS Systems

11.3.1 Market Overview

11.3.2 Market Size & Forecast

11.4 Transfer Switches & Switchgears

11.4.1 Market Overview

11.4.2 Market Size & Forecast

11.5 Rack PDU

11.5.1 Market Overview

11.5.2 Market Size & Forecast

11.6 Other Electrical Infrastructure

11.6.1 Market Overview

11.6.2 Market Size & Forecast

12 BY MECHANICAL INFRASTRUCTURE

12.1 Market Segment Snapshot & Growth Engine

12.2 Cooling Systems

12.2.1 Market Overview

12.2.2 Market Size & Forecast

12.3 Racks

12.3.1 Market Overview

12.3.2 Market Size & Forecast

12.4 Other mechanical Infrastructure

12.4.1 Market Overview

12.4.2 Market Size & Forecast

13 BY COOLING SYSTEMS

13.1 Market Segment Snapshot & Growth Engine

13.2 CRAC & CRAH Units

13.2.1 Market Overview

- 13.2.2 Market Size & Forecast
- 13.3 Chiller Units
 - 13.3.1 Market Overview
 - 13.3.2 Market Size & Forecast
- 13.4 Economizers & Evaporative Coolers
 - 13.4.1 Market Overview
 - 13.4.2 Market Size & Forecast
- 13.5 Cooling Towers & Dry Coolers
 - 13.5.1 Market Overview
 - 13.5.2 Market Size & Forecast
- 13.6 Other Cooling Units
 - 13.6.1 Market Overview
 - 13.6.2 Market Size & Forecast

14 BY COOLING TECHNIQUES

- 14.1 Market Segment Snapshot & Growth Engine
- 14.2 Air-Based Cooling Techniques
 - 14.2.1 Market Overview
 - 14.2.2 Market Size & Forecast
- 14.3 Liquid-Based Cooling Techniques
 - 14.3.1 Market Overview
 - 14.3.2 Market Size & Forecast

15 BY GENERAL CONSTRUCTION

- 15.1 Market Segment Snapshot & Growth Engine
- 15.2 Building Development
 - 15.2.1 Market Overview
 - 15.2.2 Market Size and Forecast
- 15.3 Installation & Commissioning Services
 - 15.3.1 Market Overview
 - 15.3.2 Market Size & Forecast
- 15.4 Building Design
 - 15.4.1 Market Overview
 - 15.4.2 Market Size & Forecast
- 15.5 Physical Security
 - 15.5.1 Market Overview
 - 15.5.2 Market Size & Forecast

15.6 DCIM

15.6.1 Market Overview

15.6.2 Market Size & Forecast

16 BY TIER STANDARDS

16.1 Market segment Snapshot & Growth Engine

16.2 Overview of Tier Standards

16.3 Tier I & Tier II

16.3.1 Market Overview

16.3.2 Market Size & Forecast

16.4 Tier III

16.4.1 Market Overview

16.4.2 Market Size & Forecast

16.5 Tier IV

16.5.1 Market Overview

16.5.2 Market Size & Forecast

17 BY GEOGRAPHY

17.1 Regional Snapshot & Growth Engine by Investment

17.2 Regional Snapshot & Growth Engine by Area

17.3 Regional Snapshot & Growth Engine by Power Capacity

18 BRAZIL

18.1 Market Overview

18.2 Investment: Market Size & Forecast

18.3 Area: Market Size & Forecast

18.4 Power Capacity: Market Size & Forecast

18.5 Infrastructure: Market Size & Forecast

18.5.1 Electrical Infrastructure: Market Size & Forecast

18.5.2 Mechanical Infrastructure: Market Size & Forecast

18.5.3 General Construction: Market Size & Forecast

19 CHILE

19.1 Market Overview

19.2 Investment: Market Size & Forecast

19.3 Area: Market Size & Forecast

19.4 Power Capacity: Market Size & Forecast

19.5 Market by Infrastructure

19.5.1 Electrical Infrastructure: Market Size & Forecast

19.5.2 Mechanical Infrastructure: Market Size & Forecast

19.5.3 General Construction: Market Size & Forecast

20 COLOMBIA

20.1 Market Overview

20.2 Investment: Market Size & Forecast

20.3 Area: Market Size & Forecast

20.4 Power Capacity: Market Size & Forecast

20.5 Infrastructure: Market Size & Forecast

20.5.1 Electrical Infrastructure: Market Size & Forecast

20.5.2 Mechanical Infrastructure: Market Size & Forecast

20.5.3 General Construction: Market Size & Forecast

21 REST OF LATIN AMERICA

21.1 Market Overview

21.2 Investment: Market Size & Forecast

21.3 Area: Market Size & Forecast

21.4 Power Capacity: Market Size & Forecast

21.5 Infrastructure: Market Size & Forecast

21.5.1 Electrical Infrastructure: Market Size & Forecast

21.5.2 Mechanical Infrastructure: Market Size & Forecast

21.5.3 General Construction: Market Size & Forecast

22 COMPETITIVE SCENARIO

22.1 Competitive Scenario

22.2 Infrastructure Providers

22.3 Construction Contractors

22.4 Data Center Investors

23 KEY CONSTRUCTION CONTRACTORS

23.1 AECOM

- 23.1.1 Overview
- 23.1.2 Service Offerings
- 23.2 Constructora Sudamericana S.A.
 - 23.2.1 Overview
 - 23.2.2 Service Offerings
- 23.3 FlexEnclosure
 - 23.3.1 Overview
 - 23.3.2 Service Offerings
- 23.4 Aceco TI
 - 23.4.1 Overview
 - 23.4.2 Service Offerings
- 23.5 ZFB Group
 - 23.5.1 Overview
 - 23.5.2 Service Offerings

24 KEY INFRASTRUCTURE PROVIDERS

- 24.1 ABB
 - 24.1.1 Overview
 - 24.1.2 Product Offerings
 - 24.1.3 Key News
- 24.2 Eaton
 - 24.2.1 Overview
 - 24.2.2 Product Offerings
 - 24.2.3 Key News
- 24.3 RITTAL
 - 24.3.1 Overview
 - 24.3.2 Product Offerings
- 24.4 KINOLT (Euro-Diesel)
 - 24.4.1 Overview
 - 24.4.2 Product Offerings
 - 24.4.3 Key News
- 24.5 Schneider Electric
 - 24.5.1 Overview
 - 24.5.2 Product Offerings
 - 24.5.3 Key News
- 24.6 STULZ
 - 24.6.1 Overview
 - 24.6.2 Product Offerings

24.7 Vertiv

24.7.1 Overview

24.7.2 Product Offerings

24.7.3 Key News

25 KEY DATA CENTER INVESTORS

25.1 Ascenty

25.1.1 Overview

25.1.2 Service Offerings

25.1.3 Key News

25.2 Equinix

25.2.1 Overview

25.2.2 Service Offerings

25.2.3 Key News

25.3 Google

25.3.1 Overview

25.3.2 Service Offerings

25.3.3 Key News

25.4 ODATA

25.4.1 Overview

25.4.2 Service Offerings

25.4.3 Key News

25.5 Tigo (Mallicom)

25.5.1 Overview

25.5.2 Service Offerings

25.5.3 Key News

26 PROMINENT CONSTRUCTION CONTRACTORS

26.1 Fluor Corporation

26.1.1 Overview

26.1.2 Service Offerings

26.2 Holder Construction

26.2.1 Overview

26.2.2 Service Offerings

26.3 Jacobs Engineering Group

26.3.1 Overview

26.3.2 Service Offerings

26.4 Mortenson Construction

26.4.1 Overview

26.4.2 Service Offerings

27 PROMINENT INFRASTRUCTURE PROVIDERS

27.1 Active Power (Piller Power Systems)

27.1.1 Overview

27.1.2 Product Offerings

27.2 Airsys

27.2.1 Overview

27.2.2 Product Offerings

27.3 Alfa Laval

27.3.1 Overview

27.3.2 Product Offerings

27.4 Assa Abloy

27.4.1 Overview

27.4.2 Product Offerings

27.5 Axis Communications

27.5.1 Overview

27.5.2 Product Offerings

27.6 Bosch Security Systems (Robert Bosch)

27.6.1 Overview

27.6.2 Product Offerings

27.7 Caterpillar

27.7.1 Overview

27.7.2 Product Offerings

27.8 Cisco

27.8.1 Overview:

27.8.2 Product Offerings

27.8.3 Key News

27.9 Cummins

27.9.1 Overview

27.9.2 Product Offerings

27.10 Daikin Applied (Daikin Industries)

27.10.1 Overview

27.10.2 Product Offerings

27.11 Delta Group

27.11.1 Overview

- 27.11.2 Product Offerings
- 27.12 Generac Power Systems
 - 27.12.1 Overview
 - 27.12.2 Product Offerings
- 27.13 Honeywell International
 - 27.13.1 Overview
 - 27.13.2 Product Offerings
 - 27.13.3 Key News
- 27.14 Intel
 - 27.14.1 Overview
 - 27.14.2 Product Offerings
 - 27.14.3 Key News
- 27.15 Legrand
 - 27.15.1 Overview
 - 27.15.2 Product Offerings
- 27.16 Mitsubishi
 - 27.16.1 Overview
 - 27.16.2 Product Offerings
- 27.17 Munters
 - 27.17.1 Overview
 - 27.17.2 Product Offerings
- 27.18 Nortek Humidity (Condair Group)
 - 27.18.1 Overview
 - 27.18.2 Product Offerings
- 27.19 Panduit
 - 27.19.1 Overview
 - 27.19.2 Service Offerings
 - 27.19.3 Key News
- 27.20 Siemens
 - 27.20.1 Overview
 - 27.20.2 Product Offerings
 - 27.20.3 Key News

28 PROMINENT DATA CENTER INVESTORS

- 28.1 Edgeconnex
 - 28.1.1 Overview
 - 28.1.2 Service Offerings
 - 28.1.3 Key News

28.2 GTD Group

28.2.1 Overview

28.2.2 Service Offerings

28.2.3 Key News

28.3 Telefonica

28.3.1 Overview

28.3.2 Service Offerings

28.3.3 Key News

29 REPORT SUMMARY

29.1 Key Takeaways

29.2 Quantitative Summary

29.2.1 Overall Market Size

29.2.2 Market by Infrastructure

29.2.3 Market by Electrical Infrastructure

29.2.4 Market by Mechanical Infrastructure

29.2.5 Market by Cooling Systems

29.2.6 Market by Cooling Techniques

29.2.7 Market by General Construction

29.2.8 Market by Tier Standards

29.2.9 Regional Market by Investment

29.2.10 Regional Market by Area

29.2.11 Regional Market by Power Capacity

29.2.12 Brazil

29.2.13 Brazil: Market by Infrastructure

29.2.14 Chile

29.2.15 Chile: Market by Infrastructure

29.2.16 Colombia

29.2.17 Colombia: Market by Infrastructure

29.2.18 Other Countries

29.2.19 Other Countries: Market by Infrastructure

30 APPENDIX

30.1 Abbreviations

List Of Exhibits

LIST OF EXHIBITS

- Exhibit 1 Segmentation of Data Center Construction Market in Latin America
- Exhibit 2 Market Size Calculation Approach 2018
- Exhibit 3 Internet Penetration by Countries in Latin America in 2018 (%)
- Exhibit 4 Increase in Demand for Cloud, Colocation, & Managed Service Providers
- Exhibit 5 Rising Interest for Modular/Containerized/POD Data Center Deployment
- Exhibit 6 Growth in Construction of Green Data Centers
- Exhibit 7 Growth of Network Connectivity & High-speed Bandwidth
- Exhibit 8 Increased Tax Incentives & Low Cost of Data Center Construction
- Exhibit 9 Lack of Skilled Workforce
- Exhibit 10 Location Constraints for Data Center Construction
- Exhibit 11 High Cost of Data Center Infrastructure
- Exhibit 12 Increased Adoption of DCIM Solutions
- Exhibit 13 Growing Rack Power Density in Data Centers
- Exhibit 14 Rack Power Density in Data Center Market in Latin America (2010–2024)
- Exhibit 15 Increasing Adoption of Free Cooling in Data Centers
- Exhibit 16 Shift to Edge Data Center Deployments
- Exhibit 17 Data Center Construction Market in Latin America 2018–2024 (\$ million)
- Exhibit 18 Data Center Construction Market in Latin America by Area 2018–2024 (Million Square Feet)
- Exhibit 19 Data Center Construction Market in Latin America by Power Capacity 2018–2024 (MW)
- Exhibit 20 Five Forces Analysis 2018
- Exhibit 21 Incremental Growth by Infrastructure 2018–2024
- Exhibit 22 Data Center Market in Latin America by Infrastructure
- Exhibit 23 Data Center Electrical Infrastructure Market in Latin America 2018–2024 (\$ million)
- Exhibit 24 Data Center General Construction Market in Latin America 2018–2024 (\$ million)
- Exhibit 25 Data Center Mechanical Infrastructure Market in Latin America 2018–2024 (\$ million)
- Exhibit 26 Incremental Growth by Electrical Infrastructure 2018–2024
- Exhibit 27 Data Center Generator Market in Latin America 2018–2024 (\$ million)
- Exhibit 28 Data Center UPS Market in Latin America 2018–2024 (\$ million)
- Exhibit 29 Data Center Transfer Switches & Switchgears Market in Latin America 2018–2024 (\$ million)

- Exhibit 30 Data Center Rack PDU Market in Latin America 2018?2024 (\$ million)
- Exhibit 31 Data Center Other Electrical Infrastructure Market in Latin America 2018?2024 (\$ million)
- Exhibit 32 Incremental Growth by Mechanical Infrastructure 2018?2024
- Exhibit 33 Data Center Cooling Systems Market in Latin America 2018?2024 (\$ million)
- Exhibit 34 Data Center Construction Rack Market in Latin America in 2018?2024 (\$ million)
- Exhibit 35 Data Center Other Mechanical Infrastructure Market in Latin America 2018?2024 (\$ million)
- Exhibit 36 Incremental Growth by Cooling Systems 2018?2024
- Exhibit 37 Data Center CRAC & CRAH Units Market in Latin America 2018?2024 (\$ million)
- Exhibit 38 Data Center Chiller Units Market in Latin America 2018?2024 (\$ million)
- Exhibit 39 Data Center Economizers & Evaporative Coolers Market in Latin America 2018?2024 (\$ million)
- Exhibit 40 Data Center Cooling Towers & Dry Coolers Market in Latin America 2018?2024 (\$ million)
- Exhibit 41 Data Center Other Cooling Units Market in Latin America 2018?2024 (\$ million)
- Exhibit 42 Incremental Growth by Cooling Techniques 2018?2024
- Exhibit 43 Data Center Air-based Cooling Techniques Market in Latin America 2018?2024 (\$ million)
- Exhibit 44 Data Center Liquid-based Cooling Techniques Market in Latin America 2018?2024 (\$ million)
- Exhibit 45 Incremental Growth by General Construction 2018?2024
- Exhibit 46 Data Center Building Development Market in Latin America 2018?2024 (\$ million)
- Exhibit 47 Data Center Installation & Commissioning Services Market in Latin America 2018?2024
- Exhibit 48 Data Center Building Design Market in Latin America 2018?2024 (\$ million)
- Exhibit 49 Data Center Physical Security Market in Latin America 2018?2024 (\$ million)
- Exhibit 50 Data Center DCIM Market in Latin America 2018?2024 (\$ million)
- Exhibit 51 Incremental Growth by Tier Standards 2018–2024
- Exhibit 52 Uptime Institute Tier Certified Data Center Facilities in Latin America by Countries
- Exhibit 53 Number of Data Center Facilities Certified by Uptime Institute in Latin America
- Exhibit 54 Tier I & II Data Center Construction Market in Latin America 2018–2024 (\$ million)

- Exhibit 55 Tier III Data Center Construction Market in Latin America 2018–2024 (\$ million)
- Exhibit 56 Tier IV Data Center Construction Market in Latin America 2018–2024 (\$ million)
- Exhibit 57 Investment Incremental Growth by Geography 2018–2024
- Exhibit 58 Area Investment Incremental Growth by Geography 2018–2024 (Million Square Feet)
- Exhibit 59 Power Capacity Incremental Growth by Geography 2018–2024 (MW)
- Exhibit 60 Data Center Construction Market in Brazil 2018–2024 (\$ million)
- Exhibit 61 Data Center Construction Market in Brazil by Area 2018–2024 (Million Square Feet)
- Exhibit 62 Data Center Construction Market in Brazil by Power Capacity 2018–2024 (MW)
- Exhibit 63 Data Center Electrical Infrastructure Market in Brazil 2018–2024 (\$ million)
- Exhibit 64 Data Center Mechanical Infrastructure Market in Brazil 2018–2024 (\$ million)
- Exhibit 65 Data Center General Construction Market in Brazil 2018–2024 (\$ million)
- Exhibit 66 Data Center Construction Market in Chile 2018–2024 (\$ million)
- Exhibit 67 Data Center Market in Chile by Area 2018–2024 (Million Square Feet)
- Exhibit 68 Data Center Construction Market in Chile by Power Capacity 2018–2024 (MW)
- Exhibit 69 Data Center Electrical Infrastructure Market in Chile 2018–2024 (\$ million)
- Exhibit 70 Data Center Mechanical Infrastructure Market in Chile 2018–2024 (\$ million)
- Exhibit 71 Data Center General Construction Market in Chile 2018–2024 (\$ million)
- Exhibit 72 Data Center Construction Market in Colombia 2018–2024 (\$ million)
- Exhibit 73 Data Center Construction Market in Colombia by Area 2018–2024 (Million Square Feet)
- Exhibit 74 Data Center Construction Market in Colombia by Power Capacity 2018–2024 (MW)
- Exhibit 75 Data Center Electrical Infrastructure Market in Colombia 2018–2024 (\$ million)
- Exhibit 76 Data Center Mechanical Infrastructure Market in Colombia 2018–2024 (\$ million)
- Exhibit 77 Data Center General Construction Market in Colombia 2018–2024 (\$ million)
- Exhibit 78 Data Center Construction Market in Rest of Latin America 2018–2024 (\$ million)
- Exhibit 79 Data Center Construction Market in Rest of Latin America by Area 2018–2024 (Million Square Feet)
- Exhibit 80 Data Center Construction Market in Rest of Latin America by Power Capacity 2018–2024 (MW)

Exhibit 81 Data Center Electrical Infrastructure Market in Rest of Latin America
2018–2024 (\$ million)

Exhibit 82 Data Center Mechanical Infrastructure Market in Rest of Latin America
2018–2024 (\$ million)

Exhibit 83 Data Center General Construction Market in Rest of Latin America
2018–2024 (\$ million)

List Of Tables

LIST OF TABLES

Table 1 Key Caveats

Table 2 Currency Conversion 2013?2018

Table 3 12. List of Submarine Fiber Cable Projects in Latin America

Table 4 Data Center Construction Market in Latin America 2018?2024

Table 5 Data Center Infrastructure Market in Latin America 2018?2024 (\$ million)

Table 6 Data Center Electrical Infrastructure Market in Latin America 2018?2024 (\$ million)

Table 7 Data Center Mechanical Infrastructure Market in Latin America 2018?2024 (\$ million)

Table 8 Data Center Cooling Systems Market in Latin America 2018?2024 (\$ million)

Table 9 Data Center Cooling Techniques Market in Latin America 2018?2024 (\$ million)

Table 10 Data Center General Construction Market in Latin America 2018?2024 (\$ million)

Table 11 Data Center Construction Market in Latin America by Tier Standards 2018?2024 (\$ million)

Table 12 Data Center Construction Market in Latin America by Regions 2018?2024 (\$ million)

Table 13 Data Center Construction Market in Latin America by Area 2018?2024 (\$ million)

Table 14 Data Center Construction Market in Latin America by Power Capacity 2018?2024 (\$ million)

Table 15 Data Center Construction Market in Brazil 2018-2024

Table 16 Data Center Infrastructure Market in Brazil 2018?2024 (\$ million)

Table 17 Data Center Construction Market in Chile 2018-2024

Table 18 Data Center Infrastructure Market in Chile 2018?2024 (\$ million)

Table 19 Data Center Construction Market in Colombia 2018-2024

Table 20 Data Center Infrastructure Market in Colombia 2018?2024 (\$ million)

Table 21 Data Center Construction Market in Other Countries 2018-2024

Table 22 Data Center Infrastructure Market in Other Countries 2018?2024 (\$ million)

I would like to order

Product name: Data Center Construction Market in Latin America - Industry Outlook and Forecast 2019-2024

Product link: <https://marketpublishers.com/r/DBA4042D5D7EN.html>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/DBA4042D5D7EN.html>

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

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

****All fields are required**

Customer signature _____

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

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

