

Latin America Data Center Rack Market - Industry Outlook and Forecast 2022-2027

Market Report | 2022-06-20 | 181 pages | Arizton Advisory & Intelligence

AVAILABLE LICENSES:

- Single User License \$3500.00
- Team License \$3995.00
- Enterprisewide \$4995.00

Report description:

The Latin America data center rack market is expected to grow at a CAGR of 10.05% during 2022-2027

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

- Adoption of Cloud Services
- Growing Colocation Data Center Investments
- Investments in Modular Data Center Solutions
- Growth in 5G & Edge Data Center Deployments

KEY HIGHLIGHTS

- The Latin America data center rack market investments are led by Brazil, which accounted for around 50% of the industry investments in 2021.
- The growth in cloud computing and the growing interest of global cloud service providers will also increase the demand for OCP scale infrastructure, including taller, deeper, and broader rack solutions among extensive data center facilities.
- Adopting HPC technologies such as AI, big data, and IoT plays a significant role in developing advanced OCP scale rack infrastructure, including converged and hyper-converged infrastructure.
- Vendors such as Huawei Technologies, Cisco Systems, Delta Electronics, Schneider Electric, and Vertiv are also a part of the OCP community. They continuously innovate their infrastructure offerings to match the current industry trends and demand.

MARKET TRENDS

Adoption of OCP Scale Infrastructure is Gaining Traction

- Organizations have started adopting OCP infrastructure designs. To support the adoption of OCP designs, the OCP community

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

introduced Open Rack standards, which enable the development of rack infrastructure and facilitate flexible mounting of OCP IT infrastructure solutions.

- The development of cloud data centers by hyperscale operators, such as AWS, Microsoft, and Google, will adopt OCP rack infrastructure in data centers. Moreover, organizations that are not part of the OCP community are involved in adopting OCP infrastructure solutions from authorized suppliers.

- Taller, Deeper, and Wider Racks are Witnessing Growth in Adoption

- Almost all rack vendors incorporate taller racks into their portfolio, including servers and network cabinets taller than the industry-standard 42U configuration.

- In recent years, infrastructure adoption in rack also included UPS systems that are primarily of 2U configuration and modern IT equipment that require multiple cable connections and generates more heat. These requirements lead to the procurement of broader and deeper racks in data centers.

- Many data center operators plan to optimize space and improve efficiency in their facilities. This prompts operators to opt for customized taller, more comprehensive, and deeper rack solutions per their operational and space requirements.

Adoption of Rack Standards, such as the International Electrotechnical Commission (IEC)

- The IEC 60297 standard specifies mechanical structures that house electronic equipment, including mechanical structures of 19-inch data center racks. This standard has multiple sub-parts that elaborate the dimensions for rack parts such as front panels, chassis, sub-racks, and associated units such as injector/extractor handles, keying, and alignment points.

- Vendors in the Latin America data center rack market, such as Eaton, offer rack cabinet solutions approved by IEC standards.

Segmentation Analysis

- The Latin America data center rack market has several global rack infrastructure providers, offering a range of rack cabinets between heights below 42U to above 42U. Most data center operators in the region adopt rack cabinets of sizes between 42U to 47U. Operators such as Equinix adopts racks of heights ranging from 42U to 47U.

- Most investments were made by colocation data center operators that aided significant growth in the market in 2021 in comparison to the last year.

- The number of shipments of rack cabinets grew by over 3% in 2021, aided by the growing construction of data centers in the region, along with the expansion of existing facilities.

- Industry share of rack units of height between 42 U to 47 U is growing in terms of investments aided by growth in the construction of data centers of power capacity up to 5 MW at increasing locations.

Segmentation by Product

- Enclosures & Cabinets

- Accessories

Segmentation by End User

- Colocation Data Centers

- Enterprise Data Centers

Segmentation by Rack Size

- Below 42U

- 42U

- 45U-47U

- 48U

- Others

GEOGRAPHICAL ANALYSIS

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- In terms of shipments, the market is led by Brazil with a market share of around 53% in 2021, followed by Mexico with a share of about 27%. Other countries such as Colombia, Chile, and other countries collectively contributed 20% of the market share in 2021.

- The Latin America data center rack market in shipments is expected to grow at an absolute growth rate of around 77.62% between 2021 and 2027, with Chile expected to grow at a CAGR of around 12.34% during the forecast period.

Segmentation by Country

- Latin America
 - o Brazil
 - o Mexico
 - o Colombia
 - o Chile
 - o Other Latin American Countries

COMPETITIVE LANDSCAPE

The market has several data center rack infrastructure providers such as Austin Hughes Electronics, Chatsworth Products, Cisco Systems, Delta Electronics, Belden, Eaton, Fujitsu, Hewlett Packard Enterprise, Panduit, Schneider Electric, and others.

The data center rack market is moving toward adopting customized rack infrastructure solutions, thereby reducing the standard rack adoption. Moreover, initiatives such as OCP are prompting mega and hyperscale enterprise data center operators to adopt open designs for racks. Colocation providers are increasingly designing their facilities using available rack systems.

Prominent Data Center Rack Vendors

- Austin Hughes Electronics
- Belden
- Chatsworth Products (CPI)
- Cisco Systems
- Delta Electronics
- Eaton
- Fujitsu
- Hewlett Packard Enterprise
- Huawei Technologies
- Inspur
- Oracle
- Panduit
- Schneider Electric
- Schroff (NVENT)
- Startech.com
- Vertiv

KEY QUESTIONS ANSWERED

1. How Big is the Latin America Data Center Rack Market?
2. What are the Major Drivers in The Latin America Data Center Rack Market?
3. What are the Latest Trends in The Latin America Data Center Rack Market?
4. Which Country Contributes the Largest Share in The Latin America Data Center Rack Market?

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

5. Who are the Major Players in The Latin America Data Center Rack Market?

Table of 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 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 PREMIUM INSIGHTS

7.1 KEY HIGHLIGHTS:

7.2 SEGMENTATION ANALYSIS

7.3 KEY TRENDS IN 2022

7.4 GEOGRAPHICAL ANALYSIS

7.5 MARKET VENDOR ANALYSIS

8 INTRODUCTION

8.1 LATIN AMERICA DATA CENTER RACK MARKET OVERVIEW

8.2 GROWING RACK POWER DENSITY

9 MARKET OPPORTUNITIES & TRENDS

9.1 GROWTH IN 5G & EDGE DATA CENTER DEPLOYMENTS

9.2 ADOPTION OF AI, BIG DATA & IOT

9.3 ADOPTION OF OCP-SCALE INFRASTRUCTURE

10 MARKET GROWTH ENABLERS

10.1 ADOPTION OF CLOUD SERVICES

10.2 GROWING COLOCATION DATA CENTER INVESTMENTS

10.3 EFFECT OF COVID-19 ON DATA CENTER INFRASTRUCTURE

10.4 INVESTMENTS IN MODULAR DATA CENTER SOLUTIONS

10.5 ADOPTION OF TALLER, DEEPER AND WIDER RACKS

11 MARKET RESTRAINTS

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 11.1 SUPPLY CHAIN DISRUPTIONS
- 11.2 AVAILABILITY OF LOW-COST SOLUTIONS
- 11.3 INNOVATIONS ON IT INFRASTRUCTURE

- 12 MARKET LANDSCAPE
 - 12.1 MARKET OVERVIEW
 - 12.2 SHIPMENT: MARKET SIZE & FORECAST
 - 12.3 INVESTMENT: MARKET SIZE & FORECAST
 - 12.4 FIVE FORCES ANALYSIS
 - 12.4.1 THREAT OF NEW ENTRANTS
 - 12.4.2 BARGAINING POWER OF SUPPLIERS
 - 12.4.3 BARGAINING POWER OF BUYERS
 - 12.4.4 THREAT OF SUBSTITUTES
 - 12.4.5 COMPETITIVE RIVALRY

- 13 PRODUCT
 - 13.1 MARKET SNAPSHOT & GROWTH ENGINE
 - 13.2 ENCLOSURES & CABINETS
 - 13.2.1 MARKET OVERVIEW
 - 13.2.2 MARKET SIZE & FORECAST
 - 13.3 ACCESSORIES
 - 13.3.1 MARKET OVERVIEW
 - 13.3.2 MARKET SIZE & FORECAST

- 14 END USER
 - 14.1 INVESTMENT: MARKET SNAPSHOT & GROWTH ENGINE
 - 14.2 SHIPMENTS: MARKET SNAPSHOT & GROWTH ENGINE
 - 14.3 COLOCATION DATA CENTERS
 - 14.3.1 MARKET OVERVIEW
 - 14.3.2 SHIPMENTS: MARKET SIZE AND FORECAST
 - 14.3.3 INVESTMENT: MARKET SIZE AND FORECAST
 - 14.4 ENTERPRISE DATA CENTERS
 - 14.4.1 MARKET OVERVIEW
 - 14.4.2 SHIPMENTS: MARKET SIZE AND FORECAST
 - 14.4.3 INVESTMENT: MARKET SIZE AND FORECAST

- 15 RACK SIZE
 - 15.1 SHIPMENTS: MARKET SNAPSHOT & GROWTH ENGINE
 - 15.2 INVESTMENT: MARKET SNAPSHOT & GROWTH ENGINE
 - 15.3 ASP OF RACKS BY RACK SIZE
 - 15.4 BELOW 42U
 - 15.4.1 MARKET OVERVIEW
 - 15.4.2 SHIPMENTS: MARKET SIZE AND FORECAST
 - 15.4.3 INVESTMENT: MARKET SIZE AND FORECAST
 - 15.5 42U
 - 15.5.1 MARKET OVERVIEW
 - 15.5.2 SHIPMENTS: MARKET SIZE AND FORECAST

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 15.5.3 INVESTMENT: MARKET SIZE AND FORECAST
- 15.6 45U-47U
 - 15.6.1 MARKET OVERVIEW
 - 15.6.2 SHIPMENTS: MARKET SIZE AND FORECAST
 - 15.6.3 INVESTMENT: MARKET SIZE AND FORECAST
- 15.7 48U
 - 15.7.1 MARKET OVERVIEW
 - 15.7.2 SHIPMENTS: MARKET SIZE AND FORECAST
 - 15.7.3 INVESTMENT: MARKET SIZE AND FORECAST
- 15.8 OTHER RACK UNITS
 - 15.8.1 MARKET OVERVIEW
 - 15.8.2 SHIPMENTS: MARKET SIZE AND FORECAST
 - 15.8.3 INVESTMENT: MARKET SIZE AND FORECAST

16 GEOGRAPHY

- 16.1 SHIPMENT: MARKET SNAPSHOT & GROWTH ENGINE BY GEOGRAPHY
- 16.2 INVESTMENT: MARKET SNAPSHOT & GROWTH ENGINE BY GEOGRAPHY
- 16.3 BRAZIL
 - 16.3.1 MARKET OVERVIEW
 - 16.3.2 SHIPMENTS: MARKET SIZE AND FORECAST
 - 16.3.3 INVESTMENT: MARKET SIZE AND FORECAST
- 16.4 MEXICO
 - 16.4.1 MARKET OVERVIEW
 - 16.4.2 SHIPMENTS: MARKET SIZE AND FORECAST
 - 16.4.3 INVESTMENT: MARKET SIZE AND FORECAST
- 16.5 CHILE
 - 16.5.1 MARKET OVERVIEW
 - 16.5.2 SHIPMENTS: MARKET SIZE AND FORECAST
 - 16.5.3 INVESTMENT: MARKET SIZE AND FORECAST
- 16.6 COLOMBIA
 - 16.6.1 MARKET OVERVIEW
 - 16.6.2 SHIPMENTS: MARKET SIZE AND FORECAST
 - 16.6.3 INVESTMENT: MARKET SIZE AND FORECAST
- 16.7 OTHER LATIN AMERICAN COUNTRIES
 - 16.7.1 MARKET OVERVIEW
 - 16.7.2 SHIPMENTS: MARKET SIZE AND FORECAST
 - 16.7.3 INVESTMENT: MARKET SIZE AND FORECAST

17 COMPETITIVE LANDSCAPE

- 17.1 COMPETITION OVERVIEW

18 PROMINENT DATA CENTER RACK VENDORS

- 18.1 AUSTIN HUGHES ELECTRONICS
 - 18.1.1 BUSINESS OVERVIEW
 - 18.1.2 PRODUCT OFFERINGS
- 18.2 BELDEN
 - 18.2.1 BUSINESS OVERVIEW

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 18.2.2 PRODUCT OFFERINGS
- 18.3 CHATSWORTH PRODUCTS (CPI)
 - 18.3.1 BUSINESS OVERVIEW
 - 18.3.2 PRODUCT OFFERINGS
- 18.4 CISCO SYSTEMS
 - 18.4.1 BUSINESS OVERVIEW
 - 18.4.2 PRODUCT OFFERINGS
- 18.5 DELTA ELECTRONICS
 - 18.5.1 BUSINESS OVERVIEW
 - 18.5.2 PRODUCT OFFERINGS
- 18.6 EATON
 - 18.6.1 BUSINESS OVERVIEW
 - 18.6.2 PRODUCT OFFERINGS
- 18.7 FUJITSU
 - 18.7.1 BUSINESS OVERVIEW
 - 18.7.2 PRODUCT OFFERINGS
- 18.8 HEWLETT PACKARD ENTERPRISE
 - 18.8.1 BUSINESS OVERVIEW
 - 18.8.2 PRODUCT OFFERINGS
- 18.9 HUAWEI TECHNOLOGIES
 - 18.9.1 BUSINESS OVERVIEW
 - 18.9.2 PRODUCT OFFERINGS
- 18.10 INSPUR
 - 18.10.1 BUSINESS OVERVIEW
 - 18.10.2 PRODUCT OFFERINGS
- 18.11 ORACLE
 - 18.11.1 BUSINESS OVERVIEW
 - 18.11.2 PRODUCT OFFERINGS
- 18.12 PANDUIT
 - 18.12.1 BUSINESS OVERVIEW
 - 18.12.2 PRODUCT OFFERINGS
- 18.13 SCHNEIDER ELECTRIC
 - 18.13.1 BUSINESS OVERVIEW
 - 18.13.2 PRODUCT OFFERINGS
- 18.14 SCHROFF (NVENT)
 - 18.14.1 BUSINESS OVERVIEW
 - 18.14.2 PRODUCT OFFERINGS
- 18.15 STARTECH.COM
 - 18.15.1 BUSINESS OVERVIEW
 - 18.15.2 PRODUCT OFFERINGS
- 18.16 VERTIV
 - 18.16.1 BUSINESS OVERVIEW
 - 18.16.2 PRODUCT OFFERINGS

- 19 REPORT SUMMARY
 - 19.1 KEY TAKEAWAYS

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

20 QUANTITATIVE SUMMARY

20.1 LATIN AMERICA DATA CENTER RACK MARKET

20.2 END USER

20.2.1 SHIPMENT: MARKET SIZE & FORECAST

20.2.2 INVESTMENT: MARKET SIZE & FORECAST

20.3 COLOCATION DATA CENTERS

20.3.1 COLOCATION DATA CENTER MARKET

20.3.2 RACK SIZE: SHIPMENTS MARKET SIZE & FORECAST

20.3.3 RACK SIZE: INVESTMENT MARKET SIZE & FORECAST

20.4 ENTERPRISE DATA CENTERS

20.4.1 ENTERPRISE DATA CENTER MARKET

20.4.2 RACK SIZE: SHIPMENTS MARKET SIZE & FORECAST

20.4.3 RACK SIZE: INVESTMENT MARKET SIZE & FORECAST

20.5 RACK SIZE

20.5.1 RACK SIZE: SHIPMENTS MARKET SIZE & FORECAST

20.5.2 RACK SIZE: INVESTMENT MARKET SIZE & FORECAST

20.5.3 RACK SIZE: ASP

20.6 GEOGRAPHY

20.6.1 GEOGRAPHY: SHIPMENTS MARKET SIZE & FORECAST

20.6.2 GEOGRAPHY: INVESTMENT MARKET SIZE & FORECAST

20.7 BRAZIL

20.7.1 BRAZIL DATA CENTER RACK MARKET

20.7.2 BRAZIL: SHIPMENTS MARKET SIZE & FORECAST

20.7.3 BRAZIL: INVESTMENT MARKET SIZE & FORECAST

20.8 MEXICO

20.8.1 MEXICO DATA CENTER RACK MARKET

20.8.2 MEXICO: SHIPMENTS MARKET SIZE & FORECAST

20.8.3 MEXICO: INVESTMENT MARKET SIZE & FORECAST

20.9 CHILE

20.9.1 CHILE DATA CENTER RACK MARKET

20.9.2 CHILE: SHIPMENTS MARKET SIZE & FORECAST

20.9.3 CHILE: INVESTMENT MARKET SIZE & FORECAST

20.10 COLOMBIA

20.10.1 COLOMBIA DATA CENTER RACK MARKET

20.10.2 COLOMBIA: SHIPMENTS MARKET SIZE & FORECAST

20.10.3 COLOMBIA: INVESTMENT MARKET SIZE & FORECAST

20.11 OTHER LATIN AMERICAN COUNTRIES

20.11.1 OTHER LATIN AMERICAN COUNTRIES DATA CENTER RACK MARKET

20.11.2 OTHER LATIN AMERICAN COUNTRIES: SHIPMENTS MARKET SIZE & FORECAST

20.11.3 OTHER LATIN AMERICAN COUNTRIES: INVESTMENT MARKET SIZE & FORECAST

21 APPENDIX

21.1 ABBREVIATIONS

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Latin America Data Center Rack Market - Industry Outlook and Forecast 2022-2027

Market Report | 2022-06-20 | 181 pages | Arizton Advisory & Intelligence

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$3500.00
	Team License	\$3995.00
	Enterprisewide	\$4995.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

☐** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-05-04"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com