

Colombia Data Center Market - Investment Analysis & Growth Opportunities 2025-2030

Market Report | 2025-04-16 | 111 pages | Arizton Advisory & Intelligence

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Report description:

The Colombia data center market is expected to grow at a CAGR of 17.55% from 2024 to 2030.

KEY HIGHLIGHTS

- The Colombia data center market is rapidly emerging as a key digital infrastructure hub in Latin America. The country is dedicated to promoting sustainability and the development of smart cities.
- Colombia has around 23 operational colocation data center facilities. Most of the colocation data centers are being developed as Tier III facilities and are based in Bogota.
- Colombia currently has about 10 existing submarine cables linking it to Jamaica, the US, Brazil, Panama, and other countries. The country is set to enhance its global connectivity with the upcoming deployment of three new submarine cables, which are slated to go online in the next two to three years.
- Bogota is one of the major smart cities in the country. The presence of smart cities makes the country a major market for the development of data centers and supports the Colombia data center market growth. It will lead to an increased numbers of edge and modular data centers due to requirements for faster data processing.
- According to the Turner & Townsend 2024 data center cost index, the cost of developing a data center facility in Bogota is around \$7.10 per watt. These costs are expected to increase annually due to various factors, including supply chain issues, inflation, and rising interest rates.

WHY SHOULD YOU BUY THIS RESEARCH?

- Market size available in the investment area, power capacity, and Colombia colocation market revenue.
- An assessment of the data center investment in Colombia by colocation, hyperscale, and enterprise operators.
- Data center investments in the area (square feet) and power capacity (MW) across cities in the country.

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- A detailed study of the existing Colombia data center market landscape, an in-depth market analysis, and insightful predictions about the Colombia data center market size during the forecast period.
- Snapshot of existing and upcoming data center facilities in Colombia
 - o□ Facilities Covered (Existing): 23
 - o□ Facilities Identified (Upcoming): 12
 - o□ Coverage: 4+ Locations
 - o□ Existing vs. Upcoming (Data Center Area)
 - o□ Existing vs. Upcoming (IT Load Capacity)
- Data center colocation market in Colombia
 - o□ Colocation Market Revenue & Forecast (2021-2030)
 - o□ Retail vs Wholesale Colocation Revenue (2021-2030)
 - o□ Retail Colocation Pricing
 - o□ Wholesale Colocation Pricing
- The Colombia data center landscape market investments are classified into IT, power, cooling, and general construction services with sizing and forecast.
- A comprehensive analysis of the latest trends, growth rate, potential opportunities, growth restraints, and prospects for the industry.
- Business overview and product offerings of prominent IT infrastructure providers, construction contractors, support infrastructure providers, and investors operating in the industry.
- A transparent research methodology and the analysis of the demand and supply aspects of the market.

COLOMBIA DATA CENTER MARKET VENDOR LANDSCAPE

- The Colombia data center market features a variety of prominent global and regional operators, including ODATA (Aligned Data Centers), Equinix, DHAmericas, KIO Networks, Claro, Tecto Data Centers (V.tal), Cirion Technologies, and HostDime. These companies are key contributors to the country's digital infrastructure.
- In October 2024, ODATA (Aligned Data Centers) announced its decision to invest USD 1.3 billion to build two data centers, BG02 and BG03, in Bogota. It is expected to start operations by the end of 2026.
- DHAmericas opened its first data center facility in the Bogota Metropolitan Region, Colombia. The data center is situated in the fully secured economic free zone of Zona Franca Occidente (ZFO). In addition, DHAmericas is planning to develop another five data center facilities in Bogota; these facilities are expected to be operational in the next 3-4 years.

EXISTING VS. UPCOMING DATA CENTERS

- Existing Facilities in the Region (Area and Power Capacity)
 - o□ Bogota
 - o□ Other Cities
- List of Upcoming Facilities in the Region (Area and Power Capacity)
 - o□ Bogota
 - o□ Other Cities

IT Infrastructure Providers

- Arista Networks
- Broadcom
- Cisco
- Dell Technologies
- Hewlett Packard Enterprise

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- []Huawei Technologies
- []IBM
- []Lenovo
- []NetApp
- []Oracle
- []Pure Storage

Data Center Construction Contractors & Sub-Contractors

- []AECOM
- []Fluor Corporation
- []Quark
- []ZFB Group

Support Infrastructure Providers

- []ABB
- []Alfa Laval
- []Assa Abloy
- []Bosch Security & Safety Systems
- []Caterpillar
- []Cummins
- []Daikin Applied
- []Delta Electronics
- []Eaton
- []Generac Power Systems
- []Honeywell
- []Johnson Controls
- []Legrand
- []Mitsubishi Electric
- []Piller Power Systems
- []Panduit
- []Rittal
- []Schneider Electric
- []Siemens
- []STULZ
- []Vertiv

Data Center Investors

- []Claro
- []Cirion Technologies
- []Etix Everywhere
- []Edge Uno
- []Equinix
- []DHAmericas
- []GlobeNet International Corp.
- []Gtd Colombia
- []HostDime
- []IPXON Networks

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- KIO Networks
- ODATA (Aligned Data Centers)
- Tecto Data Centers (V.tal)

New Entrants

- Ascenty
- EdgeConneX
- Scala Data Centers

REPORT COVERAGE:

This report analyses the Colombia data center market share. It elaboratively analyses the existing and upcoming facilities and investments in IT, electrical, mechanical infrastructure, general construction, and tier standards. It discusses market sizing and investment estimation for different segments. The segmentation includes:

- IT Infrastructure
 - o□Server Infrastructure
 - o□Storage Infrastructure
 - o□Network Infrastructure
- Electrical Infrastructure
 - o□UPS Systems
 - o□Generators
 - o□Transfer Switches & Switchgears
 - o□PDUs
 - o□Other Electrical Infrastructure
- Mechanical Infrastructure
 - o□Cooling Systems
 - o□Racks
 - o□Other Mechanical Infrastructure
- Cooling Systems
 - o□CRAC and CRAH Units
 - o□Chillers Units
 - o□Cooling Towers, Condensers and Dry Coolers
 - o□Other Cooling Units
- General Construction
 - o□Core & Shell Development
 - o□Installation & commissioning Services
 - o□Building & Engineering Design
 - o□Fire Detection & Suppression Systems
 - o□Physical Security
 - o□Data Center Infrastructure Management (DCIM)
- Tier Standard
 - o□Tier I & Tier II
 - o□Tier III
 - o□Tier IV

KEY QUESTIONS ANSWERED:

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1. How big is the Colombia data center market?
2. How much MW of power capacity will be added across Colombia during 2024-2029?
3. What factors are driving the Colombia data center market?
4. What is the growth rate of the Colombia data center market?

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