

Nigeria Data Center Market - Investment Analysis & Growth Opportunities 2024-2029

Market Report | 2024-08-06 | 99 pages | Arizton Advisory & Intelligence

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Report description:

The Nigeria data center market is expected to grow at a CAGR of 17.14% from 2023 to 2029.

KEY HIGHLIGHTS

- Nigeria's information and communications technology (ICT) sector is experiencing robust expansion, fueled by the financial services, oil and gas, and fintech industries. The roll-out of 5G and advances in cloud computing infrastructure open new investment prospects for data centers.
- Through investments, major hyperscalers steadily strengthen their hold in the Nigeria data center market. For instance, in December 2023, Amazon Web Services (AWS) announced its partnership with GTBANK and Datamellon to increase quality and innovation in digital service in Nigeria.
- Nigeria has around 14 operational special economic zones (SEZs) that offer foreign companies tax holidays on all taxes, including federal, state, and local, duty-free importation, and 100% repatriation of capital and profits.
- The Nigerian government is working toward sustainability. The government promotes clean energy technologies for sustainable start-ups and small and medium enterprises (SMEs). This move addresses the country's environmental challenges by adopting the Global Clean Technology Innovation Program (GCIP).
- Rack Centre, Equinix (MainOne), Digital Realty (Medallion Communications), 21st Century Technology, Galaxy Backbone, and Africa Data Centres are colocation operators currently developing or operating data centers in the Nigeria data center market.
- In 2023, the Nigerian industry grew in data center investments, accounting for over 27% of Africa's total number of projects.

WHY SHOULD YOU BUY THIS RESEARCH?

- Market size is available in terms of investment, area, power capacity, and Nigeria's colocation market revenue.
- An assessment of the data center investment in Nigeria by colocation, hyperscale, and enterprise operators.
- Investments in the area (square feet) and power capacity (MW) across cities in the country.
- A detailed study of the existing Nigeria data center market landscape, an in-depth industry analysis, and insightful predictions

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about industry size during the forecast period.

- Snapshot of existing and upcoming third-party data center facilities in Nigeria
- Facilities Covered (Existing): 16
- Facilities Identified (Upcoming): 13
- Coverage: 2+ Cities
- Existing vs. Upcoming (Area)
- Existing vs. Upcoming (IT Load Capacity)
- Data Center Colocation Market in Nigeria
- Colocation Market Revenue & Forecast (2023-2029)
- Retail Colocation Pricing
- The Nigeria data center 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 industry.

VENDOR LANDSCAPE

- Regarding IT infrastructure vendors, the Nigeria data center market is dominated by global vendors such as Arista Networks, Dell Technologies, Huawei, IBM, Lenovo, and others, increasing their market expertise.
- The market has several global support infrastructure providers that will increase the market's competitiveness and lead to lower prices for infrastructure in the coming years. Some of the support infrastructure vendors in the Nigeria data center market include ABB, Caterpillar, Cummins, Eaton, Envicool, Kstar, and others.
- Some key colocation investors in the Nigeria data center market are 21st Century Technology, Airtel Africa, Africa Data Centres, MainOne Medallion Data Center, and Open Access Data Centres (OADC).
- In December 2023, Airtel Africa launched Nxtra, its first operational data center facility in the Nigerian data center market.
- Kasi Cloud is the new entrant into the Nigerian data center market as of 2023, having planned for one facility in Lagos with a power capacity of around 44.4MW.

EXISTING VS. UPCOMING DATA CENTERS

- 1.□Existing Facilities in the Region (Area and Power Capacity)
- 2.□Lagos
- 3.□Other Cities
- 4.□List of Upcoming Facilities in the Region (Area and Power Capacity)
- 5.□Lagos
- 6.□Other Cities

VENDOR ANALYSIS

IT Infrastructure Providers

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

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- [Huawei
- [IBM
- [Juniper Networks
- [Lenovo
- [NetApp

Data Center Construction Contractors & Sub-Contractors

- [Arup
- [CAP DC
- [Edarat Group
- [Interkel Group
- [Gateway Real Estate Africa
- [Future-tech
- [NLE

Support Infrastructure Providers

- [ABB
- [Caterpillar
- [Cummins
- [Eaton
- [Envicool
- [Kstar
- [KOHLER-SDMO
- [Legrand
- [Rittal
- [Schneider Electric
- [STULZ
- [Vertiv

Data Center Investors

- [21st Century Technologies
- [Africa Data Centres
- [Airtel Africa
- [MainOne
- [Medallion Data Center
- [Open Access Data Centres (OADC)
- [Rack Centre

New Entrants

- [Kasi Cloud

REPORT COVERAGE:

This report analyses the Nigeria 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:

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

TARGET AUDIENCE

- Real Estate Investment Trusts
- Construction Contractors
- Infrastructure Providers
- New Entrants
- Consultants/Consultancies/Advisory Firms
- Corporate and Government Agencies

KEY QUESTIONS ANSWERED:

1. How big is the Nigeria data center market?
2. How many existing and upcoming data center facilities exist in Nigeria?
3. How much MW of power capacity will be added across Nigeria during 2024-2029?
4. What factors are driving the Nigeria data center market?
5. Who are the key investors in the Nigeria data center market?

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