

South Africa Data Center Market - Investment Analysis & Growth Opportunities 2026-2031

Market Report | 2026-03-03 | 114 pages | Arizton Advisory & Intelligence

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Report description:

The South Africa data center market is expected to grow at a CAGR of 12.90% from 2025 to 2031.

SOUTH AFRICA DATA CENTER MARKET - KEY HIGHLIGHTS

- The government of South Africa is investing in AI. For instance, in July 2025, South Africa's Minister of Science, Technology, and Innovation announced the country's investment of approximately \$28.4 million in AI, blockchain, and other emerging technologies to strengthen foundational digital capabilities in the public sector. Additionally, the fund supports the Foundational Digital Capabilities Research (FDCR) platform and the Centre for Artificial Intelligence Research (CAIR) across nine universities located in Cape Town, Pretoria, Stellenbosch, and Sol Plaatje University.

- Johannesburg is the top data center destination in South Africa. It continues to be the leading hub in the country for data center expansion, marked by a concentrated growth in advanced facilities, hyperscale data centers, and dedicated cloud regions.

- In South Africa, the electricity demand is steadily increasing due to rising investments in data centers, which are driving higher power consumption. This growing demand has highlighted challenges in the country's power supply. To address these challenges, the government of South Africa has taken some initiatives to meet electricity demands across the country, while data center operators are increasingly adopting renewable energy for their data center facilities.

- In February 2025, Teraco, a Digital Realty company, announced the signing of a Power Purchase Agreement (PPA) with NOA, an integrated energy aggregator based in South Africa, to acquire renewable energy (wind energy) for use in its data center.

WHY SHOULD YOU BUY THIS RESEARCH?

- Market size available in the investment, area, power capacity, and South Africa colocation market revenue.

- An assessment of the data center investment in South Africa 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 South Africa data center market landscape, an in-depth industry analysis, and insightful predictions about the South Africa data center market size during the forecast period.
- Snapshot of existing and upcoming third-party data center facilities in South Africa
 - o□ Facilities Covered (Existing): 55
 - o□ Facilities Identified (Upcoming): 5
 - o□ Coverage: 25+ Locations
 - o□ Existing vs. Upcoming (Data Center Area)
 - o□ Existing vs. Upcoming (IT Load Capacity)
- Data center colocation market in South Africa
 - o□ Colocation Market Revenue & Forecast (2022-2031)
 - o□ Retail & Wholesale Colocation Revenue (2022-2031)
 - o□ Retail & Wholesale Colocation Pricing
- South Africa 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.

SOUTH AFRICA DATA CENTER MARKET VENDOR LANDSCAPE

- The South Africa data center market has the presence of several major colocation data center operators, including Africa Data Centres, Digital Parks Africa, Equinix, NTT DATA, Open Access Data Centres (OADC), Teraco (Digital Realty), and Vantage Data Centers. Some existing data center operators have expanded their facilities across the country, with new developments expected to become operational during the forecast period.
- The market has a presence of several major cloud operators, which include Amazon Web Services (AWS), Google, Huawei Cloud, Microsoft, and Oracle Cloud.
- In July 2025, NVIDIA announced the signing of a partnership deal with Cassava Technologies to build AI-ready data centers across African countries such as Egypt, Nigeria, Kenya, and Morocco, for a total investment of around \$700 million. Additionally, the first phase of its South Africa AI-ready data center, launched in June, hosts around 3,000 Nvidia GPUs.
- In the South Africa data center market, mergers and acquisitions (M&As), joint ventures (JVs), and strategic partnerships are among the major activities through which operators grow their portfolios and their presence across the country. For instance, in March 2025, Vantage Data Centers announced a 50:50 partnership with Attacq, a real estate developer, to construct a data center in Johannesburg. The project, involving an investment of around \$34 million, will provide around 111,546 square feet of space and around 80 MW of power capacity.

EXISTING VS. UPCOMING DATA CENTERS

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

REPORT COVERAGE:

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This report analyses the South Africa data center market share. It elaboratively analyses the existing and upcoming facilities and investments in IT, electrical, mechanical infrastructure, cooling systems, 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 Rack Cabinets
 - o Other Mechanical Infrastructure
- Cooling Systems
 - o CRAC and CRAH Units
 - o Chiller 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
- Geography
 - o Johannesburg
 - o Other Cities

IT Infrastructure Providers

- Atos
- Cisco
- Dell Technologies
- Fujitsu
- Hewlett Packard Enterprise (HPE)
- Hitachi Vantara
- Huawei Technologies
- IBM

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- []Lenovo
- []NVIDIA
- []ZTE

Data Center Construction Contractors & Sub-Contractors

- []Abbeydale
- []AECOM
- []Arup
- []B2 Architects
- []EDS Engineering
- []H&MV Engineering
- []Ingenium
- []ISF Group
- []ISG
- []LYT Architecture
- []Master Power Technologies
- []MWK Engineering
- []Rider Levett Bucknall (RLB)
- []Royal HaskoningDHV
- []Tri-Star Construction
- []WBHO Construction

Support Infrastructure Providers

- []ABB
- []Alfa Laval
- []Caterpillar
- []Cummins
- []Delta Electronics
- []Eaton
- []Evapco
- []Johnson Controls
- []Legrand
- []nVent
- []Piller Power Systems
- []Rittal
- []Rolls-Royce
- []Schneider Electric
- []Siemens
- []STULZ
- []Vertiv

Data Center Investors

- []Africa Data Centres
- []Digital Parks Africa
- []Equinix
- []Microsoft
- []NTT DATA

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- Open Access Data Centres
- Teraco (A Digital Realty Company)
- Vantage Data Centers

New Entrants

- Paratus Namibia

KEY QUESTIONS ANSWERED:

- 1.□How big is the South Africa data center market?
- 2.□How much MW of power capacity will be added across South Africa during 2026-2031?
- 3.□What factors are driving the South Africa data center market?
- 4.□Which all geographies are included in South Africa data center market report?

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