

Indonesia Data Center Market - Investment Analysis and Growth Opportunities 2021-2026

<https://marketpublishers.com/r/I9C26D65EFC4EN.html>

Date: May 2021

Pages: 85

Price: US\$ 2,500.00 (Single User License)

ID: I9C26D65EFC4EN

Abstracts

In-depth Analysis and Data-driven Insights on the Impact of COVID-19 Included in this Indonesia Data Center Market Report

Indonesia data center market size will witness investments of USD 13 million by 2026

Indonesia is witnessing considerable growth in data center services and is the second largest data center market among Southeastern countries. The data center market includes around 14 third-party data center service providers operating around 40 data center facilities. The country includes several on-premise or dedicated data centers owned by local enterprises. Data center investments from global cloud service providers is likely to grow during the forecast period. Around six data center facilities are expected to be operational in the next 2-3 years. The COVID-19 pandemic has been a strong market enabler for digital transformation initiatives in the country. Although the market is witnessing the adoption of both air and water-based cooling systems, most operators prefer air-cooled chillers.

The report considers the present scenario of the Indonesia data center market and its market dynamics for the forecast period 2021-2026. It covers a detailed overview of several growth enablers, restraints, and trends in the market. The study includes the demand and supply aspect of the market.

Key Highlights of the Report:

The increasing usage of social media platforms is to increase the development of new data centers, thereby fueling the demand for high-capacity storage and server solutions

The storage systems segment has been driven by the increased adoption of all-flash storage arrays with a sizable contribution from hybrid storage arrays.

The deployment of 100 GbE among facilities in Indonesia is likely to have major growth impact on the Indonesia data center market share because of the increased deployment of cloud facilities.

Power reliability challenges is likely to increase the adoption of DRUPS systems, which could decline the adoption of UPS systems

The adoption of metered and monitored PDUs will grow among colocation and hyperscale data center providers

The use of 45U–48U rack units expects to grow during the forecast period, however, the adoption of 42U rack is likely to witness decline

Indonesia Data Center Market Insights

In 2020, Indonesia's cloud computing market grew at a rate of over 45% compared to the last five years.

COVID-19 has boosted cloud adoption with end-users such as healthcare and educational institutions adopting both public and private cloud. PaaS and IaaS solutions are expected to be the fastest-growing markets during the forecast period.

In 2021, the internet penetration rate has gone up by over 73% from over 64% in 2018.

Over 95% of people access internet via smartphones and less than 10% use broadband connections in Indonesia.

In 2021, Indonesia has around 170 million social media users, which is an increase of by 6% between 2020 and 2021.

Initiatives such as the 2020 Go Digital Vision are likely to boost the digital economy in Indonesia. These initiatives include offering around one million farmers and fishermen to online support from tech startups.

Indonesia Data Center Market Vendor Landscape

Cisco Systems, Dell Technologies, Fujitsu, Hewlett Packard Enterprise (HPE), IBM, Inspur, and Lenovo are the major IT infrastructure solutions providers. The market is highly competitive, with vendors adopting inorganic strategies for growth and expansion. In a major acquisition, Eaton acquired Power Distribution Inc. to enhance power monitoring and distribution solutions in the facilities. DCI Indonesia, DTP, Keppel Data Centres, Biznet Data Center, NTT Global Data Centers, and Space DC are the key investors in the market.

IT Infrastructure Providers

Cisco Systems

Dell Technologies

Fujitsu

Hewlett Packard Enterprise (HPE)

IBM

Inspur

Lenovo

Construction Service Providers

Asdi Swasatya

AWP Architects

DSCO Group

NTT Facilities

Support Infrastructure Providers

ABB

Caterpillar

Cummins

Delta Electronics

Eaton

Cyber Power Systems

HITEC Power Protection

Fuji Electric

Legrand

Piller Power Systems

Rolls-Royce Power Systems

Schneider Electric

STULZ

Vertiv Group

Data Center Investors

DCI Indonesia

DTP (PT. Dwi Tunggal Putra)

Keppel Data Centres

Biznet Data Center

NTT Global Data Centers

Space DC

Report Coverage:

This report on the Indonesia Data Center market offers an elaborative analysis of the existing and upcoming facilities, datacenter investments in terms of IT, electrical, mechanical infrastructure, general construction, and geography. It discusses market sizing and estimation for different segments with respect to the investment in the facilities. The segmentation includes:

Existing Vs. Upcoming Facilities

Existing Facilities in the region (White Floor Area and Power Capacity)

West Java

Jakarta

Bali

East Java

Banten

Riau Islands

Riau

North Sumatra

South Sumatra

South Sulawesi

Central Java

List of Upcoming Facilities in the region (White Floor Area and Power Capacity)

Indonesia Data Center Investment Coverage

Infrastructure Type

IT Infrastructure

Electrical Infrastructure

Mechanical Infrastructure

General Construction

IT Infrastructure

Server

Storage

Network

Electrical Infrastructure

Uninterruptible Power Supply (UPS)

Generators

Transfer Switches and Switchgears

PDUs

Other Electrical Infrastructure

Mechanical Infrastructure

Cooling Systems

Racks

Other Mechanical Infrastructure

General Construction

Core and Shell Development

Installation & Commissioning Services

Building Design

Physical Security

DCIM

Tier Segments

Tier I & Tier II

Tier III

Tier IV

Geography

Jakarta

Other Cities

Target Audience

Datacenter Real Estate Investment Trusts (REIT)

Datacenter Construction Contractors

Datacenter Infrastructure Providers

New Entrants

Consultants/Consultancies/Advisory Firms

Corporate and Governments Agencies

Why Should You Buy This Research Report?

Market size available in the area, power capacity, investment, and colocation revenue.

An assessment of the Indonesia data center investment in the market by colocation, hyperscale, and enterprise operators

Data center investments in terms of white floor area (square feet) and power capacity (MW) across cities in the country

A detailed study of the existing Indonesia data center market landscape, an in-depth industry analysis, and insightful predictions about the Indonesia data center market size during the forecast period

Snapshot of existing and upcoming third-party facilities in Indonesia

Facilities Covered (Existing): 40

Facilities Identified (Upcoming): 5

Coverage: 11 Cities

Existing vs. Upcoming (Data Center Area)

Existing vs. Upcoming (IT Load Capacity)

Data center colocation market in Indonesia

Market Revenue & Forecast (2020-2026)

Retail Colocation Pricing

Wholesale Colocation Pricing

Classification of the Indonesia data center market investments into multiple segments and sub-segments (IT, power, cooling, and general construction services) with market sizing and forecast

A comprehensive analysis of the latest trends, growth rate, potential opportunities, and growth restraints, and future prospects for the data center market

Business overview and product offerings of prominent IT infrastructure providers, construction contractors, support infrastructure providers, and investors operating in the market

A transparent research methodology and the analysis of the demand and supply aspect of the market

Contents

CHAPTER 1 : EXISTING & UPCOMING THIRD-PARTY DATA CENTERS IN INDONESIA

- › 40 Unique Data Center Properties
- › Data Center IT Load Capacity
- › Data Center White Floor Area Space
- › Existing Vs Upcoming Data Center Capacity by Cities
 - › Jakarta
 - › East Java
 - › West Java
 - › Banten
 - › Bali
 - › Riau
 - › South Sumatra
 - › North Sumatra
 - › Riau Islands
 - › South Sulawesi
 - › Central Java

CHAPTER 2 : INVESTMENT OPPORTUNITIES IN INDONESIA

- › Investment by Area
- › Investment by Power Capacity

CHAPTER 3 : DATA CENTER COLOCATION MARKET IN INDONESIA

- › Retail vs Wholesale Data Center Colocation
- › Colocation Pricing (Quarter Rack, Half Rack, Full Rack) & Add-ons
- › Wholesale Colocation Pricing

CHAPTER 4 : MARKET DYNAMICS

- › Market Drivers
- › Market Trends
- › Market Restraints

CHAPTER 5 : MARKET SEGMENTATION

- › IT Infrastructure: Market Size & Forecast
- › Electrical Infrastructure: Market Size & Forecast
- › Mechanical Infrastructure: Market Size & Forecast
- › General Construction Services: Market Size & Forecast

CHAPTER 6 : TIER STANDARD

- › Tier I & II
- › Tier III
- › Tier IV

CHAPTER 7 : GEOGRAPHIC SEGMENTATION

- › Jakarta
- › Other Cities

CHAPTER 8 : KEY MARKET PARTICIPANTS

- › IT Infrastructure Providers
- › Construction Contractors
- › Support Infrastructure Providers
- › Data Center Investors

CHAPTER 9 : APPENDIX

- › Market Derivation
- › Quantitative Summary

List Of Exhibits

LIST OF EXHIBITS

- Exhibit 1 Third-Party Data Centers Snapshot
- Exhibit 2 Third-Party Data Center Snapshot by Cities
- Exhibit 3 Area Developed by Cities (thousand square feet)
- Exhibit 4 Power Capacity by Cities (MW)
- Exhibit 5 Data Center Market Size & Forecast by Investment (\$ Million)
- Exhibit 6 Data Center Market Size & Forecast by Area 2020?2026 (Million Square Feet)
- Exhibit 7 Market Size & Forecast by Power Capacity 2020?2026 (MW)
- Exhibit 8 Data Center Colocation Service Revenue: Market Size & Forecast by 2020?2026 (MW)
- Exhibit 9 Retail Colocation Pricing 2020
- Exhibit 10 Wholesale Colocation Pricing 2020
- Exhibit 11 Market Size & Forecast by IT Infrastructure 2020?2026 (\$ Million)
- Exhibit 12 Market Size & Forecast by Electrical Infrastructure 2020?2026 (\$ Million)
- Exhibit 13 Market Size & Forecast by Mechanical Infrastructure 2020?2026 (\$ Million)
- Exhibit 14 Market Size & Forecast by Cooling Systems 2020?2026 (\$ Million)
- Exhibit 15 Market Size & Forecast by General Construction 2020?2026 (\$ Million)
- Exhibit 16 Market Size & Forecast by Tier Standards 2020?2026 (\$ Million)
- Exhibit 17 Market Size & Forecast in Jakarta by Investment 2020?2026 (\$ Million)
- Exhibit 18 Market Size & Forecast in Jakarta by Area 2020?2026 (Million Square Feet)
- Exhibit 19 Market Size & Forecast in Jakarta by Power Capacity 2020?2026 (MW)
- Exhibit 20 Market Size & Forecast in Other Cities by Investment 2020?2026 (\$ Million)
- Exhibit 21 Market Size & Forecast in Other Cities by Area 2020?2026 (Million Square Feet)
- Exhibit 22 Market Size & Forecast in Other Cities by Power Capacity 2020?2026 (MW)

List Of Tables

LIST OF TABLES

Table 1: List of Upcoming Data Center Projects

Table 2: Data Center Site Selection Criteria

Table 3: Overall Market Size & Forecast 2020?2026

Table 4: Market Size & Forecast by Infrastructure 2020?2026 (\$ Million)

Table 5: Market Size & Forecast by IT Infrastructure 2020?2026 (\$ Million)

Table 6: Market Size & Forecast by Electrical Infrastructure 2020?2026 (\$ Million)

Table 7: Market Size & Forecast by Mechanical Infrastructure 2020?2026 (\$ Million)

Table 8: Market Size & Forecast by Cooling Systems 2020?2026 (\$ Million)

Table 9: Market Size & Forecast by General Construction 2020?2026 (\$ Million)

Table 10: Investment Market Size & Forecast by Jakarta 2020?2026

Table 11: Investment Market Size & Forecast by Other Cities 2020?2026

I would like to order

Product name: Indonesia Data Center Market - Investment Analysis and Growth Opportunities
2021-2026

Product link: <https://marketpublishers.com/r/I9C26D65EFC4EN.html>

Price: US\$ 2,500.00 (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/I9C26D65EFC4EN.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

