Southeast Asia Data Center Rack 200kWh

Overview

How many data centers are there in Southeast Asia?

Southeast Asia hosts around 290+ existing data centers, with countries like Singapore, Malaysia and Indonesia having a strong presence in the region. Singapore dominates the existing market with a power capacity of more than 780 MW, driven by major players like Equinix, ST Telemedia Global Data Centres, Keppel DC REIT and Digital Realty.

Where is the Southeast Asia data center market located?

The Southeast Asia data center market is located in the region of Asia-Pacific (APAC) and within World. Southeast Asia has 540 facilities with 21,985,013 sqft and 3,079 megawatts. The top providers in Southeast Asia are DayOne (20 sites) and ST Telemedia Global Data Centres (STT GDC) with 31 facilities .

Will Southeast Asia's data centre electricity use double by 2030?

However, the power sector’s slower decarbonisation raises concerns about surging electricity demand and emissions. As a potential key hub for data centre operations, the IEA projects that Southeast Asia’s data centre electricity use will nearly double by 2030 compared to 2024.

Is South East Asia experiencing a boom in data center capacity?

"Southeast Asia is experiencing a boom in DC capacity being built. The large construction volume each year and the rapidly increasing total installed base form a strong fundamental driver for third-party business models." SEA currently lags in data center capacity relative to global averages, with only 1.8 MW per million population.

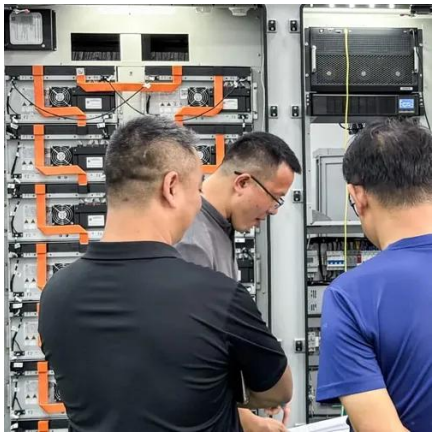
Southeast Asia Data Center Rack 200kWh

Energy demand from AI - Energy and AI - Analysis

A notable example is Southeast Asia, where electricity demand from data centres is expected to more than double by 2030, partially due to the presence of a regional hub in Singapore and ...

Can Southeast Asia Power the AI Boom?

Global Data Center Hub delivers global insights where capital, power, and compute converge for investors, operators, and technologists building the infrastructure behind AI.



255 Data Center Stats (September-2025)

Data center stats you should know for 2025. A comprehensive list of 255 verified colocation and data center statistics ...

Southeast Asia

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Southeast Asia Data Center Landscape Report ...

The Southeast Asia data center market is set to expand significantly, with its value projected to reach USD 30.47 billion by 2030, ...

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Data Center Power Costs and Requirements

One of the largest cost drivers for data centers and customers is power. It takes an unbelievable amount of electricity to power and cool an

Data Centres The APAC Report

The widespread emergence of AI this year has sent shock-waves through the global data centre market, with record absorption rates and ramp up quantum's being reported in the US, with ...

kW per Rack Explained: Optimize Your Data Center

Learn how kW per rack impacts colocation pricing, energy efficiency, and performance. Discover best practices to manage power, ...

Southeast Asia

DatacenterDynamics is the world's largest data center publication. We publish news, magazine features, and podcasts about the ...

[South East Asia Colocation Data Center Portfolio Analysis Report ...]

More than $50 billion is being invested in the Southeast Asian market to build new data centers, adding 8.5 GW of power capacity. The upcoming data center capacity in ...

[Southeast Asia Data Centers & Colocation]

Compare colocation facilities with detailed specs, pricing, and location maps for informed decisions.

[Five trends for data center transformation in Southeast Asia , EY Singapore]

Given the rapid growth and increasing competitiveness of the data center sector, operators and investors must continually ...

[How data center operators can win in Southeast ...]

In this first article in our three-part series, we focus on how optimizing capex can lower the risk caused by price fluctuations as ...

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[Accelerating Compute: Southeast Asia Data ...]

Southeast Asia's data center market is at an inflection point amid unprecedented transitions in demand. What are the growth drivers, ...

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Unlock comprehensive insights into the Southeast Asia data center market with our extensive database product, providing detailed analysis of 263 existing and 134 upcoming ...

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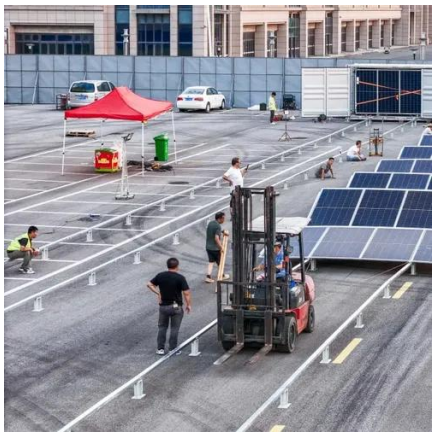
SEA currently lags in data center capacity relative to global averages, with only 1.8 MW per million population. While the region is experiencing rapid digitalization and cloud ...

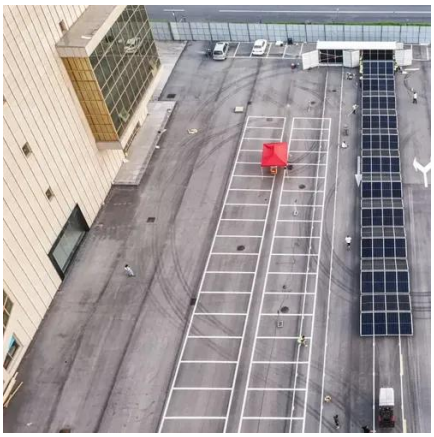


Southeast Asia Data Centers, OCOLO

Explore 132 data centers across 11 countries in Southeast Asia from 31 providers including STTelemedia Global Data Centres, ePLDT, PLDT Global. Compare global colocation options ...

Southeast Asia's Robust Data Center Outlook , US ...

There are currently over 370 data centers in Southeast Asia, with national markets estimated to be 55-70% underpenetrated in supply ...



Southeast Asia's Robust Data Center Outlook , US ABC

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APAC Data Center Power Crisis: Solutions for 200 TWh AI Energy Demand Updated December 8, 2025 Singapore lifted its data center moratorium with strict sustainability ...

Data Center Power Cost in Southeast Asia & China: Tariffs, ...

AI workloads, rising electricity demand, carbon pricing in China, and grid constraints across Southeast Asia. 1. Understanding the Components of Data Center Power ...

Southeast Asia Data Centers, Upcoming Data Centers in Southeast Asia

Singapore dominates the existing market with a power capacity of more than 780 MW, driven by major players like Equinix, ST Telemedia Global Data Centres, Keppel DC REIT and Digital ...

Asia-Pacific Data Center Market Growth Report 2030

The Asia-Pacific Data Center Market is expected to reach USD 29.47 billion in 2025 and grow at a CAGR of 21.82% to reach USD 79.05 billion by 2030. Amazon Web Services, ...

Accelerating Compute: Southeast Asia Data Center Growth , BCG

Southeast Asia's data center market is at an inflection point amid unprecedented transitions in demand. What are the growth drivers, and how should regional players meet this ...

Top 10 data centre companies in the Asia and ...

Branding themselves as Malaysia and Southeast Asia's leading carrier neutral data centre operator, AIMS - based in the central ...

APAC Energy Pulse - December 2025

Singapore's data centre expansion, Indonesia's WTE reforms, Vietnam's energy mechanisms and Philippines' offshore wind auction.

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