



# Southeast Asia Data Center Rack 200kWh





## Overview

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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.



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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 ...

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

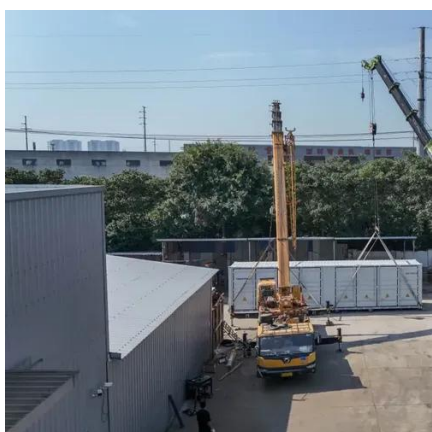


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Given the rapid growth and increasing competitiveness of the data center sector, operators and investors must continually ...



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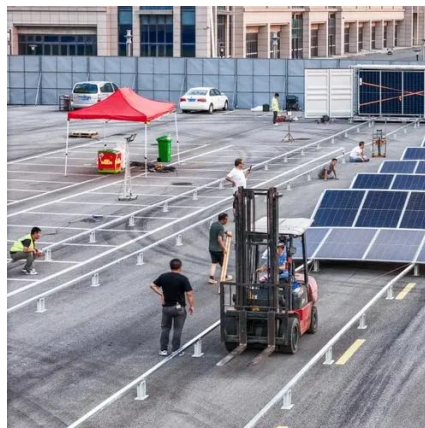
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SEA currently lags in data center capacity relative to global averages, with only 1.8 MW per million population. While the region is experiencing rapid digitalization and cloud ...

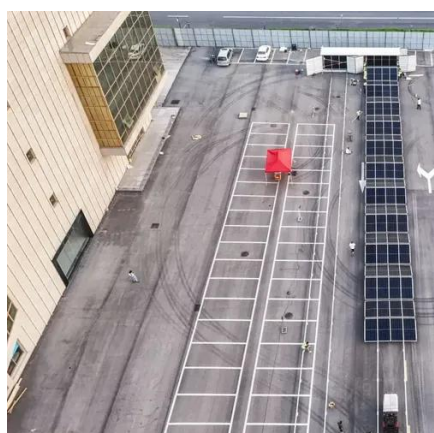


### [Southeast Asia Data Centers. OCOLO](#)

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 ...

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



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

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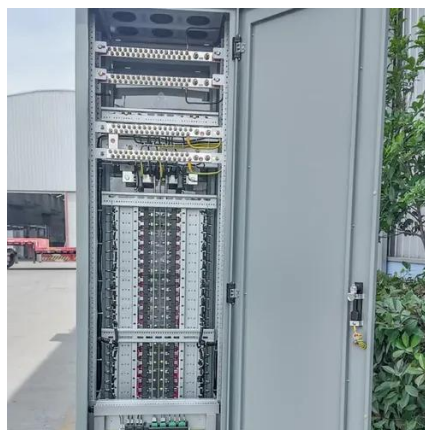
### [Asia-Pacific Data Center Market Growth Report 2030](#)

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 ...](#)

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### [APAC Energy Pulse - December 2025](#)

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



### [Data and Data Center Trends in Southeast Asia](#)

With existing edge data center infrastructure across key markets in Southeast Asia, including Jakarta and Manila, Digital Edge ...





## Contact Us

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