

10MWh Server Racks in ASEAN Ten Countries

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How many data centres does ASEAN have?

Including assets in the REIT, it has 32 data centres in 10 countries with more than 2m sq. ft. of net leasable area. Apart from its listed REIT, it has two private funds exposed to data centres. The sponsor in ASEAN owns data centres in Johor in Malaysia, Bogor in Greater Jakarta and two data centres in Singapore.

Does ASEAN still have a data center infrastructure gap?

Compared with technologically advanced countries, ASEAN still faces a significant gap in data center infrastructure and investment, as highlighted by Maybank Research Pte Ltd (2024). The region currently has only 2.5 MW of data center capacity per one million people, while the United States has nearly 10 times more.

How big is ASEAN data center capacity?

According to the ASEAN Centre for Energy (2024), ASEAN currently has around 1.5 gigawatts (GW) of operational data center capacity, with more than 500 megawatts (MW) under construction and nearly 2 GW in the planning stage.

Why is ASEAN a key market for scalable data centers?

The rise of AI, machine learning, and high-performance computing (HPC) is pushing demand for power-intensive, scalable data centers. ASEAN is emerging as a key market for hyperscale and edge data centers, supporting real-time processing needs for fintech, gaming, industrial automation, and smart city applications. 3.

South East Asia data center market size reached USD 7.9 Billion in 2025. Looking forward, IMARC Group expects the market to reach USD 14.0 Billion by 2034, exhibiting a growth rate (CAGR) of ...

The Server market focuses on large-scale, high-performance data-processing units, such as standalone servers and server racks, predominantly utilized in data centers for intensive computing...

While the U.S. and Europe lead in terms of GW of data centre capacity, Asia Pacific is surging ahead. Key markets like Hong Kong and Singapore are already thriving, while emerging hubs like Thailand ...

Below mentioned are the top 10 Data Centre Critical (IT) Infrastructure Providers in ASEAN: 1. Dell Technologies: Dell Technologies power data centres across the world in terms of server, storage, ...

ASEAN is rapidly emerging as a global hotspot for data center investment. While traditional hubs like

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Singapore face constraints, Malaysia, Indonesia, Vietnam and Thailand are ...

We expect data centre demand in ASEAN to increase at 20% CAGR and a potential data centre TAM of USD11b/year till 2028.

More than \$37 billion is being invested in the Southeast Asian market to build new data centers, adding 8GW of power capacity

These indicators reflect ASEAN's lack of readiness in data center infrastructure--both in terms of quantity relative to economic and population size, and in user support capacity.

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