

ASEAN Data Center Industry Research Report 2026-2030

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Abstracts

The data center is a facility where computing, storage, and networking equipment, along with supporting infrastructure, are centrally deployed. It serves as the physical space and integrated facility for hosting data storage, processing, transmission, and application services.

Data centers are primarily composed of IT equipment, infrastructure equipment, and operations management systems.

Data centers are widely used in sectors such as finance, telecommunications, government, manufacturing, healthcare, energy, and the internet.

The upstream of the data center industry is equipment manufacturing. The midstream sector includes data center construction and operation. Downstream services are application services.

ASEAN is the most important regional cooperation organization in Southeast Asia. It was established in 1967 and is headquartered in Jakarta, Indonesia. With a regional population exceeding 680 million and a combined economic output of over US\$4 trillion, it is increasingly becoming a key destination for the relocation of global manufacturing, as well as for international trade and cross-border investment.

In recent years, the number of internet users in the ASEAN region has continued to increase, and e-commerce, mobile payments, online video, social media and digital financial services have developed rapidly, driving the continuous growth of regional data traffic.

The data center supply ecosystem in the ASEAN region is rapidly maturing, with a market landscape primarily shaped by international data center operators, cloud service providers, telecommunications carriers, and local data center companies.

According to estimates by CRI, the market size is projected to reach approximately US\$ 17.8 billion in 2026. With a forecasted compound annual growth rate (CAGR) of around 14.2% between 2026 and 2030, the market size is expected to reach US\$ 30.5 billion by 2030.

CRI recommends that global data center operators, cloud service providers, energy companies, IT equipment manufacturers, fiber optic manufacturers, liquid cooling providers, international AI enterprises, private equity (PE) funds and venture capital (VC) firms conduct timely market research on the ASEAN region to prepare for their strategic entry into the ASEAN data center market.

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