

Singapore Telecommunications Data Center Construction



Article Overview

Singtel is constructing DC Tuas, Singapore's largest and highest power density data center, with 58MW capacity and AI-ready, green infrastructure.

DC Tuas Overview

Singtel has commenced construction of DC Tuas, an eight-story, 120,000 sq ft facility, which is set to be operational by 2025 . This data center will offer 58MW of IT load capacity, making it the largest in Singapore to date . It is designed with high power density, supporting up to 80kW per rack through advanced liquid cooling, and targets a Power Usage Effectiveness (PUE) below 1.3, reflecting its energy-efficient design .

Connectivity and Strategic Importance

DC Tuas will be integrated with Singtel's cable landing station, providing direct connections to multiple international submarine cables . This hyper-connected setup ensures low latency, high reliability, and exceptional international and domestic connectivity, positioning Singapore as a key digital hub in the region . The facility is also carrier-neutral, allowing multiple service providers to access its infrastructure .

AI-Readiness and Sustainability

The data center is designed to support intensive AI workloads, reflecting the growing demand for AI-driven services in Southeast Asia . Sustainability is a core focus, with...

Article Content

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Data Centre Services

Singtel's data centre brand, Nxera, is a leading data centre operator headquartered in Singapore. Nxera is set to usher in a new era

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Singtel embarks on data center push in Indonesia, Thailand and beyond

SINGAPORE -- Singapore Telecommunications is building data centers beyond its borders as demand for digital infrastructure grows

Mar 02, 2026

Singapore Data Centers

Data Centers in Singapore with map. List of available providers and facilities in Singapore, including Colocation, Bare Metal Servers,

Sep 28, 2025

Singapore Data Center Construction: Market Evolution & 2033 Outlook

The ongoing trend towards Tier 3 data centers, which offer an optimal balance of redundancy and cost-effectiveness, continues to

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STT GDC: Data Centre Provider in Singapore

Empowering businesses with secure and sustainable data solutions. Discover STT GDC's data centres in

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Singapore Data Center Sector

A highly advanced telecommunications and impressive network infrastructure feed into opportunities for the Singapore

Mar 01, 2026

Singtel's redeveloped Comcentre to be Singapore's first AI-enabled,

Set to be Singapore's first AI-enabled building, the Comcentre will be powered by dedicated 5G+ connectivity using

May 14, 2026

Nxera opens Singapore's highest power-density, most energy efficient ...

Singapore, 9 February 2026 – Nxera, Singtel Group's regional data centre arm, today announced the opening of DC Tuas, its

Jun 17, 2026

Singapore Data Centers

Telehouse Singapore Telehouse Singapore is a state-of-the-art Tier 3 plus Data Center situated in a prime

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Singapore Data Centers

Data Centers in Singapore - List of Colocation and Cloud data facilities in Singapore. Get Quotes and find Specs, Photos, Videos etc.

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Bridge Data Centres Plans Major Investment with Global Partners to ...

Strategic Investment of S\$3-5 billion in Singapore to advance AI-ready data centre developments, supporting over 2

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Singapore | STT GDC

As the preferred data centre provider in Singapore, ST Telemedia Global Data Centres has developed an

Aug 04, 2025

Singapore Telecommunications : Singtel begins construction of

In addition to its data centres in Singapore, Singtel has partnered Telkom and Medco Power in Indonesia, and GULF

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Singtel commences construction of Singapore's largest data centre

Singapore Telecommunications (Singtel) Z74 has commenced the construction of DC Tuas, the nation's highest power

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Singapore Telecommunications Data Center Provider

None of Singapore Telecommunications's facilities are carrier-neutral. Looking at business internet speeds within five miles of

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Acme Associates

Discover Acme Associates, Singapore's most innovative Data Center Specialist.
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Singapore Data Center Construction Companies

List of the top Singapore Data Center Construction companies based on extensive research conducted by Mordor Intelligence

Nov 20, 2025

Singapore Data Centre Construction Market Size & Forecast 2032

The Singapore Data Centre Construction Market is driven by the growing demand for cloud computing, big data analytics, and digital

Oct 14, 2025

Top 5 Upcoming Data Centers in Singapore in 2026

In this article, we have presented the upcoming data centers in Singapore with details of IT loads, Space,

Mar 17, 2026

Launch of second data centre | IMDA

The Singapore Economic Development Board (EDB) and the Infocomm Media Development Authority (IMDA) have

May 25, 2026

Singapore Data Center Construction Market Size, Report 2031

The Singapore data center construction market size attributed to hyperscalers and cloud service providers is poised for

May 10, 2026

Singapore Data Center Market | 2019 - 2030 | Ken Research

Singapore data center construction market is valued at USD 3.1 billion, driven by cloud services, AI, IoT, and 5G, with projected 15%

Apr 05, 2026

Singtel breaks ground on 58MW data center in Singapore

Singtel has broken ground on a new data center in Singapore. The company this week announced it has commenced

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Singapore Data Centers & Colocation

Explore 109 data centers in Singapore. Compare colocation facilities with detailed specs, pricing, and

Nov 05, 2025

Singapore's data centre expansion: Jurong Island and the

Key takeaways On 27 October 2025, Singapore announced that 20 hectares of land on Jurong Island had been set

Mar 16, 2026

Bridge Data Centres plans major investment with global partners to ...

Bridge Data Centres (BDC), a Singapore-headquartered digital infrastructure platform backed by Bain Capital, has

Contact Us

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