

SG1 Dodid Data Centre

Singapore



SG1 DODID DATA CENTRE

Empyri^on Digital is a next-generation digital infrastructure platform committed to operating at the highest standards of efficiency and sustainability. Green by design, we power data centre solutions that connect and scale digital ecosystems across Asia.


Strategically located in north-central Singapore close to the Serangoon North data centre cluster, SG1 Dodid Data Centre is part of the Empyri^on Digital Asia platform. It spans a floor area of 42,000 sq ft and is capable of provisioning up to 12.5 MW of power capacity in one of the most connected city states in the world.

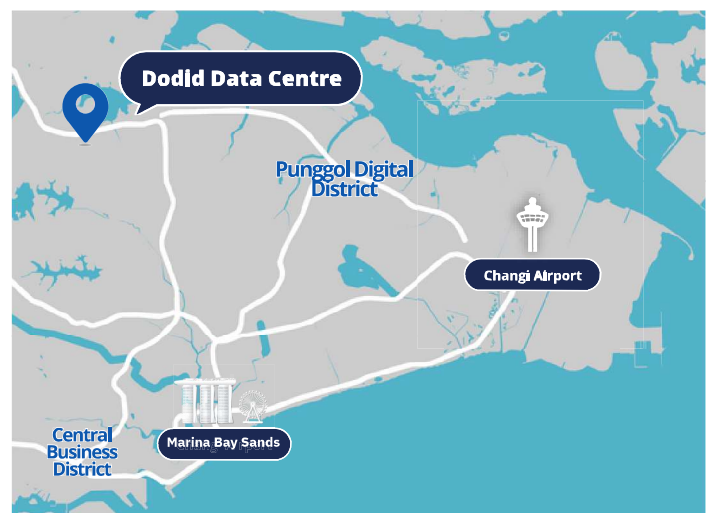
The four-storey SG1 facility has been awarded the BCA-IMDA Green Mark Award (Platinum) in recognition of its sustainable design and practices, including its green wall features. It is an ideal choice for hyperscale and colocation deployments and provides seamless connectivity for global cloud and technology companies to scale regionally in Asia.

Highlights

- BCA-IMDA Green Mark Award (Platinum) and Uptime Tier III certified data centre
- Uptime Institute M&O Stamp of Approval in recognition of ongoing operational excellence
- Scalable, resilient and carrier-neutral pan-Asia platform

Map

 71 Tagore Lane, Singapore 787496



TECHNICAL SPECIFICATIONS

SPACE



Building

Colocation Space	42,000 sq ft
Power Capacity	12.5 MW
Building Type	4-storey, multi-tenant
Floor Type	Raised floor (Data halls) Anti-static flooring (Common areas)
Floor Load Capacity	12.5 kN/m ²
Ceiling Height	5.6m (slab to slab)
Raised Floor Height	0.8m

Data Hall Architecture

Floor Plan	Flexible configuration Suitable for multi-tenant Hyperscale & enterprise-ready
Data Hall	Raised floor cooling with hot & cold aisle separation Cold aisle containment for high density cabinets Ave. 4 - 8 KW cabinet Higher density cabinets available upon request

PRODUCTS & SERVICES



Interconnection	Cross Connect
Services	Remote Hands 24x7 available DCIM Data point publishing for customer's API integration upon request
Colocation	Standard Cabinets Customisable Private Cages Operations Room for Business Continuity Planning Offices / Storage Spaces Flexible Floor Plan Configuration
Telecommunications Infrastructure	Fibre Entry Points - 2 MDFs from diverse paths 2 MMR rooms from separate risers

FACILITIES



Power and Cooling

Annualized PUE	1.4
Utility Feeders	2 separate SPPG substations from diverse paths
UPS Configuration	N+1, Distributed Redundancy
Standby Power Configuration	N+1
Cooling System	Water-cool chiller system in ring loop configuration & chilled water CRAH
Cooling Configuration	N+1
Fire Suppression	VESDA aspirating smoke detection system and double interlocked pre-action sprinkler systems for data halls and supporting M&E rooms Gas suppression system available upon request

Security

24/7 physical security, CCTV,
2-factor authentication with biometric access

CERTIFICATIONS



BCA-IMDA Green Mark Award for New Data Centres (Platinum)
Uptime Tier III (Design, Construction)
Uptime M&O Stamp of Approval
ISO22301, ISO27001, ISO50001
SS 507, SS 564
Compliant to PCI DSS, OSPAR, TVRA standards

ABOUT EMPYRION DIGITAL



Empyri@n Digital is a next-generation digital infrastructure platform committed to sustainability and the highest standards of responsible operating performance. Green by design, we develop and operate highly efficient hyperscale and colocation data centres that connect and scale digital ecosystems across key high-growth cities in Asia.

www.empyriondigital.com

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