

Princeton Digital Group



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## **SINGAPORE** **SG3**

PDG's SG3 facility is an enterprise-grade facility that offers our customers the ability to deploy with us at scale.

The facility is strategically located in the Singapore West DC cluster, with established access to Jurong Lake District (2nd CBD) and Tuas Megaport; fibre connectivity to nearby Tuas and Sakra cable landing stations

This facility features a unique thermal cooling technology that includes a pre-fabricated two-row pod with a cooling unit on top and uses a chilled-water-based cooling loop for individual aisles.

## DATA CENTER OVERVIEW

Address \_\_\_\_\_ Floor 5, 46 Penjuru Lane,  
Singapore 609206  
Lat/Long \_\_\_\_\_ 1.30939, 103.72840  
Gross Floor Area \_\_\_\_\_ 14,296 m<sup>2</sup>  
Total IT Capacity \_\_\_\_\_ 5 MW  
Number of Buildings \_\_\_\_\_ 1 Floor  
Slab-to-slab Height: \_\_\_\_\_ 13 m  
Floor Loading: \_\_\_\_\_ 25 kN/m<sup>2</sup>  
Design PUE \_\_\_\_\_ ≤ 1.6

## COOLING

- 5M4 water cooled chiller system

## POWER

- Dual 22kV utility power feeds
- 5M4 Diesel generator redundancy (N+1)
- Ground fuel storage is 26 hours full load
- 5M4 UPS redundancy (N+1)
- Battery Life: 10 minutes at full load

## TELECOMMUNICATIONS

- Carrier neutral with 2 diverse point of entry
- 2 MMR for diverse network distribution path

## SECURITY/ACCESS CONTROL/BMS

- 2FA security accessible by access ID and keypad readers
- 60 days back up footage available
- 24x7 onsite security manned officers
- Arcserve hi-availability protection

## SMOKE AND FIRE ALARM SYSTEM

- 2 hour fire-rated doors and partitions
- Cross zone, double interlock, pre-action dry pipe Sprinkler System
- Smoke detectors, Laser beam detectors and flame detectors
- Full monitoring system for the DC and supporting critical equipment

## OPERATIONS SUPPORT

- 24x7 Customer desk support
- 24x7 Remote hand engineers
- Office Space, Staging and Storage room is available

## Princeton Digital Group

To get a first-hand look into any of our data centers,  
e-mail us at [visitus@princetonondg.com](mailto:visitus@princetonondg.com) for a guided tour.

[www.princetonondg.com](http://www.princetonondg.com)

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