

Intelligent Data Center and Hybrid Cloud | Global Data Centers

# Singapore Data Centers

Serangoon | Tai Seng 2 | Jurong



# Serangoon Data Center

**Our Serangoon Data Center is only a 20-minute drive from Singapore Changi International Airport.**

## Features and benefits

### Uniqueness and Innovation

Launched in 2012, our Serangoon Data Center is the first self-built and self-managed data center outside of Japan. Built to tier-3 specifications, Serangoon has a floor area of over 16,500m<sup>2</sup> and a cooling system that can cool high density racks of 12KW. Equipped with advanced green technologies and IPv6-ready network, our Serangoon Data Center leverages on the ultra-low latency network connection, Asian Submarine-Cable Express (ASE), to connect to its major tier 3 and 4 data centers in Asia Pacific, providing you with optimized business continuity planning (BCP) option.

### Effectiveness and Dynamism

This data center was designed as a smart building with state-of-the-art green features to lower cost and environmental impact. As a testament, the data center has obtained various certifications including the Green Mark Platinum Award from BCA, Gold certification for Leadership in Energy and Environmental Design (LEED) and ISO/IEC 27001:2005 Information Security Management certification from BSI. This is a business continuity certification which assures enterprises of the high level of data center service capabilities such as colocation, cloud and managed hosting.

### Stringent security standards

We understand the importance of security for your business-critical data and systems. Our data center adopts multi-layered security, including round-the-clock surveillance, extensive access control points throughout the data center, intrusive detection alarm and many other security measures.

### High-availability power system and high-density cooling system

Our Serangoon Data Center N+1 redundancy ensures the system is fail-safe in the event of power failures. It is equipped with state-of-the-art cooling systems with redundancy and all cooling systems are governed by a strict set of industry best practices.

## Location



## Specifications

### Power:

- Dual path
- UPS in N+1 configuration
- Diesel generator in N+1 configuration
- Dual power feed to each rack
- Power supply: up to 12kVA rack

### Airconditioning

- Chilled water-cooling system
- N+1 configuration

### Security

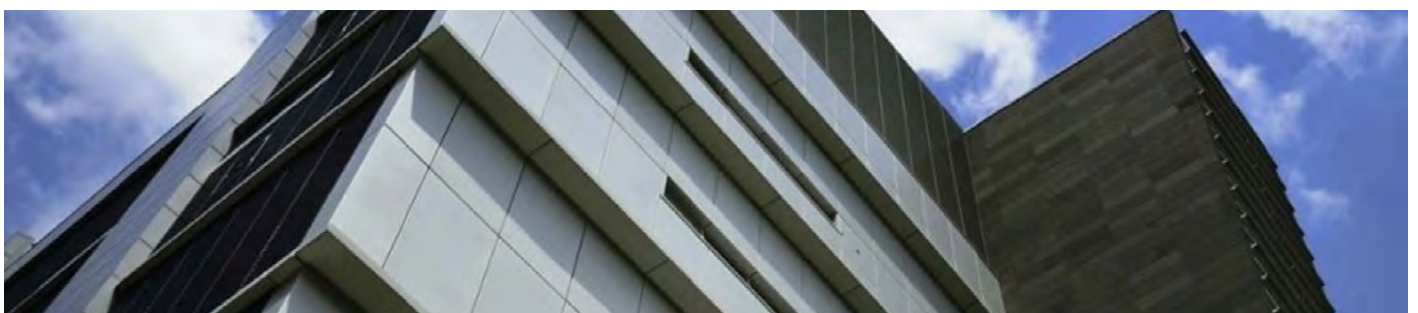
- Preregistration
- Photo identification
- Integrated circuit (IC) card authentication
- Biometric authentication
- Anti-tailgating system

### Certification:

- ISO 27001

### Other facilities:

- Meeting room
- Parking space
- Office space for clients



# Tai Seng 2 Data Center

**Our Tai Seng 2 Data Center is a 15-minute drive from Singapore Changi International Airport.**

## Features and benefits

### Purpose-built data center

Our Tai Seng 2 Data Center is a purpose-built, six-story data center.

### Highly reliable facility

This data center is a full redundant facility, equipped with UPS systems, generators and cooling systems.

### Fast, stable global connectivity

Connects directly to our low-latency, high-capacity Global IP Network and Arcstar Networks.

## Location



## Specifications

### Power:

- Dual path
- UPS in 2N configuration
- Diesel generator in N+1 configuration
- Dual power feed to each rack
- Power supply: up to 4kVA/rack

### Airconditioning

- Chilled water-cooling system
- N+1 configuration

### Security

- Preregistration
- Photo identification
- Integrated circuit (IC) card authentication
- Biometric authentication
- Anti-tailgating system

### Other facilities:

- Meeting room



# Jurong Data Center

**Our Jurong Data Center is a 40-minute drive from Singapore Changi Airport, and a 20-minute drive from central Singapore.**

## Features and benefits

### Purpose-build data center building

Our Jurong Data Center is a purpose-built data center with high specification facilities.

### Suitable for all organizations

This data center is designed and built to meet the needs of both local and multinational companies, especially in the financial, IT and manufacturing industries.

### Excellent power reliability

Equipped with fully redundant facilities, such as power supply, cooling systems, universal power supply (UPS), generators and others, Jurong Data Center is prepared for any unexpected failures, such as a power outage.

## Location



## Specifications

### Power:

- Dual path
- UPS in 2N configuration
- Diesel generator in N+1 configuration
- Dual power feed to each rack
- Power supply: up to 6kVA/rack

### Airconditioning

- Chilled water-cooling system
- N+2 configuration

### Security

- Preregistration
- Photo identification
- Integrated circuit (IC) card authentication
- Biometric authentication
- Anti-tailgating system

### Certification:

- ISO 9001
- ISO 14000
- ISO 27001
- ISO 14001
- SOC Type II
- SS564
- TVRA compliant
- Green Mark Platinum

### Other facilities:

- Meeting room
- Office space for your organization

