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 16,500m² 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 customers 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 drive down 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, a business continuity certification which assures enterprises of high level of data center service capabilities such as colocation, cloud, and managed hosting.

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
- Office space for clients
- Eco lounge

Stringent security standards

We understand the importance of security for your business-critical data and system and the data center adopt multi-layered security that includes round-the-clock surveillance all year round, 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 to ensure 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’s best practises.

Location

[Map showing location of Serangoon]
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-storey 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.

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

Location

Tai Seng Avenue
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 any companies

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 full redundant facilities such as power supply, cooling systems, UPS, generators, and others, Jurong Data Center is prepared for any unexpected failures, such as a power outage.

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:
- 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 clients

Location

Jurong