



Reliable and Secure Infrastructure

Highlights of JUMBO



Balancing size and power to perfection, JUMBO is strategically located in the industrial zone of Tsuen Wan, Hong Kong - one of Asia Pacific Region's prime locations for data centers. The 8-storey, 120,000 square feet JUMBO is well-equipped with state-of-the-art infrastructure and hosting facilities. Its dual Telecommunications Broadcasting Equipment (TBE) rooms serve a variety of local and international carriers, offering customers more freedom to choose their preferred carriers subject to business needs.

JUMBO also adopts an advanced Building Management System to ensure effective management of customers' critical assets, facilitating on-site monitoring of key components including power supply, access control, fire and water protection, security and access control.

JUMBO is serving customers from telecommunication carriers, cloud and IT service providers to system integrators and companies with operations in Mainland China and around the world.

Other Key Advantages:

- Total ownership of data center building provides flexibility and quick response to customers' needs
- 120,000 square feet building dedicated for data center use
- Located in industrial zone with infrastructure to fulfill high power supply demand
- Readily available back up for other iAdvantage data centers in different power grid
- Direct connection to multiple carriers and ISP networks

About Us

SUNeVision (SEHK: 1686) is one of the largest data center service providers in Hong Kong. Through the brand "iAdvantage", we adopt the industry's best practices to offering the world-class data center, IP network and managed services, bring an unrivalled edge for local and international corporations.

SUNeVision owns, builds and designs ourselves the intelligent data center business by leveraging the resources and financial assets of our major shareholder, Sun Hung Kai Properties Limited (SEHK: 0016).

Flexible, secure and scalable data center solutions, providing optimal cost benefits and reliable operational support, make us an expert in the industry and the highly regarded long-term partner of local and global business, including Fortune 1000 and Global 100 multinational corporations. Today, SUNeVision manages over 770,000 square feet of gross data center space, strategically located in prime commercial and industrial areas. We are undergoing an expansion plan that will contribute an additional 730,000 square feet of gross data center space in 2017.



Location

145-159 Yeung Uk Road
Tsuen Wan, New Territories



17 minutes' drive from Central
22 minutes' drive from HK International Airport
38 minutes' drive from Lo Wu Cross-Border



JUMBO Specifications



FACILITY

Data center area (GFA)	About 120,000 sq. ft.
Floor height	G/F: 4.7 m (3.8 m under beam) 1/F: 4.25 m (3.3 m under beam) Typical floor: 3.5 m (2.6 m under beam)
Floor loading	7.5 kPa
Capacity	> 1,000 racks in common areas / private cage
Rack size	42U, 45U, 48U racks



POWER

UPS	2N UPS configuration with 15 mins. battery backup
Power connection	Dual power feeds / UPS sources to rack
Voltage	220 V / single-phase, 50 Hz
Power provision	Standard power zone: average 1.5 kVA per rack High power zone: 3 kVA per rack
Generator sets	2N design
Backup diesel	Multiple fuel tanks with fuel supply contract
Power auto switch	Rack mounted type static-transfer- switch



COOLING

CRAC	N+1 CRAC design Up flow systems with hot and cold aisles design
Chillers plant	N/A
Temperature	22 +/- 2 degree Celsius
Humidity	50 +/- 10%



FIRE AND WATER LEAKAGE DETECTION

Fire suppression	Gas based FM-200 / Smoke detection system / Double interlock pre-action sprinkler
Water leakage detection	Distance type water detection system



SECURITY

Surveillance monitoring	24 hours surveillance CCTV with digital recording
Building security	24 hours entrance security guards to control access
Access control	Access card / Palm reader for access to Network Operation Center (NOC)



CONNECTIVITY

Networks	Dual feed building lead in for telecom cable access 2 x Telecommunications Broadcasting Equipment rooms Exchange hub for telecom carrier interconnection
Data cable access	Cat 5E, Cat 6, SM/MM fiber, DS3, E1, Coaxial

*The above specifications are subject to change. Custom-built specifications can be provided on request.



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