



HKG8

Data Sheet

**Your success is our
Mission, and reliability
is our commitment.**

Tier III Data Center

Critical Power * _____

16 MW

• Critical Power is subject to change

Total Land Area _____

20,000 m²

BDx's global portfolio of highly secured and resilient carrier neutral data centres provides co-location services including build to suit data hall, customizable caging and standard cabinet where customers deploy their mission-critical IT infrastructure in environments specially designed to deliver redundant uninterruptible power supply, precision air conditioning and environmental controls, fire protection and security, monitored by 24x7 Global Data Centre Operations team

Situated at the dense data center cluster area Kwai Chung, HKG8 Data Centre is amongst the top data centres in Hong Kong that serves customers from different segments like cloud, OTT, financial institutions, professional services, enterprises, telecommunications and government. HKG8 colocation service with stringent SLA we commit to customer

Building Lifts

2 Cargo Lifts

Floor Specs

4,100 mm floor to ceiling height

12.5kPa Floor Loading



Facility Specs

Address

- 38 Wing Kei Road, Kwai Chung, N.T., Hong Kong
- Operational in 2023

Power

- Dual power sources to each rack
- Rack power density @8kW in average; 15kW max
- 1.5MW – 2MW per data hall
- N+1 6MWUPS System
- N+1 12 hours on-site fuel storage capacity
- 6 minutes battery autonomy
- N+1 Backup Generators
- Dual risers & Diverse Power Routes

Cooling

- N+1 High Efficiency Rapid-start Air-cooled Chiller system
- Dual and diverse chilled water risers
- N+1 Fanwall System with loop chilled water supply pipework
- 1.5MW to 2MW Cooling capacity per data hall

Operating environment:

- Operating Temperature are 18 C and 27 C (ASHRAE)
- 50% +/- 20% relative humidity
- Hot aisle containment system

Fire Detection & Suppression

- Dry sprinklers system + Gas suppression system (Optional)
- Very Early Smoke Detection Alarm System (VESDA)

Security / BMS / 360 View

- 24/7 Access control & CCTV system
- Mantraps to data hall
- Two-factor authentication (Biometric and Card) at all key entry/exit points
- Pre-authorized visitors only
- MEP Infrastructure Monitoring + BCM
- 360 View for Rack Management
- Secured Loading & Unloading areas

Interconnection

- Carrier neutral
- MMRs integrated across operating footprint with access to multiple connected carriers
- Multiple redundant and diverse carrier networks for local access
- 2 physically diverse MMRs with separate manholes and lead-in pipes
- 2 physically diverse MMRs
- Access to dark fiber