



# NKG1 NANJING

Data Sheet

**Your success is our mission, and reliability is our game.**

## Certifications

**Uptime Institute  
Tier III  
CQC-A**

## Critical Power \*

**6 MW**

\* Critical Power is subject to change

## Gross White Space

**12,500 m<sup>2</sup>**

BDx's global portfolio of highly secured and resilient carrier neutral data centres provides customizable co-location services 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 in Nanjing, NKG1 Data Centre is amongst the top data centres in Nanjing that serves customers from different segments like OTT, financial, professional services, enterprises, telecommunications and government.

## Building Lifts

1 Cargo lifts (2000 Kg), 1 Passenger lift (2000Kg)

## Floor Specs

10 kN/m<sup>2</sup> floor loading

**Earthing and lightning protection systems installed  
500 lux lighting meeting AS1680.22 standard**



# Facility Specs

|   |
|---|
| <div><b>Address</b><ul style="list-style-type: none"><li>No.99 Yuehua Road, Jiangning District,Nanjing City, Jiangsu Province, China - 210000</li><li>Adjacent to Jiangning University Town</li><li>Launched in 2020 — Freestanding data centre in a secure compound</li></ul></div>  |
| <div><b>Power</b><ul style="list-style-type: none"><li>2 x 7.5MVA utility supply</li><li>Dual power source to each rack with no single point of failure</li><li>2N distributed UPS (2 x 4800 kVA)</li><li>150,000 liters fuel capacity; equivalent to 24 hours runtime at full load. (Fuel refill within 4 hours of activation)</li><li>15 minutes battery autonomy</li><li>N + 1 diesel generator redundancy</li><li>2 x 25A ceeform power sockets per rack</li></ul></div>  |
| <div><b>Cooling</b><ul style="list-style-type: none"><li>High efficiency water-cooled chillers with</li><li>N + 1 redundancy</li><li>Thermal storage tanks for uninterruptible cooling</li><li>Chilled water risers in loop</li></ul><div><b>Operating environment:</b><ul style="list-style-type: none"><li>19º-25ºC temperature</li><li>50% + 20% relative humidity</li><li>N + 2 CRAH</li><li>Racks deployed in 8-tile hot or cold aisle</li></ul></div></div>   |
| <div><b>Fire Detection &amp; Suppression</b><ul style="list-style-type: none"><li>24/7 decentralized monitoring of M&amp;E plant room and redundant systems</li><li>Gaseous suppression and dry-pipe pre-action sprinklers</li><li>Very Early Smoke Detection Apparatus (VESDA)</li><li>Water detection system installed around CRAC units</li><li>IG541 fire suppression</li></ul></div>   |
| <div><b>Security</b><ul style="list-style-type: none"><li>Security of racks, cages and private room with secured locking mechanisms</li><li>External perimeter fence with 24/7 CCTV monitoring and guard patrols</li><li>Footage stored for 90 days</li><li>Mantraps to data hall</li><li>Two-factor authentication (Biometric and Card) at the data hall</li></ul></div>   |
| <div><b>Interconnection</b><ul style="list-style-type: none"><li>Meet-me-rooms integrated across operating footprint with access to multiple connected carriers</li><li>Direct access to major domestic exchanges and Points of Presence (PoPs) within Nanjing</li><li>Multiple redundant and diverse carrier networks for local access</li><li>2 physically diverse MDF rooms with separate manholes and lead-in pipes</li><li>2 physically diverse meet-me-rooms</li></ul><div><b>Carriers:</b><ul style="list-style-type: none"><li>SRIT, CITIC, China Telecom, China Unicom, China Mobile</li></ul></div></div> |