



Space^{DC}

In partnership with



Centrin Wuhan data center

225MW facility

Introduction

Centrin Wuhan data center is a cluster of data centers and supercomputing centers with the largest scale, highest security level, strongest computing capability and most extensive data application capability in the central region of China.

Efficient PUE

The highly secure facilities have been built to support high density racks and provide customers with access to multiple cloud applications. Designed with sustainability in mind the campus delivers an average annual PUE of less than 1.4.

Convenient location

Located in Wuhan's Lingkonggang Economic and Technological Development Zone.

In the core area of national Network Security Talents and Innovation Base.

Close to Tianhe Airport and city expressway.

25 minutes to Wuhan Tianhe Airport.

30 minutes to Hankou Railway Station.

Advanced design

Centrin Wuhan data center is a mega data center campus in central China, covering a total area of 206,532.41m² with a total land size of about 500,000m². A two stage development with a projected total capacity of 225MW with the first phase comprising of 70MW. Up to a total of 40,000 racks, installed capacity of 480,000 servers and annual average PUE < 1.4. Uptime Institute Tier-IV, Hubei province and Wuhan major construction projects identified.

Find out more

Contact us now for more information about our data centers or to schedule a tour.

info@spacedc.com | +65 6958 0972 | 72B Boat Quay, #03-01, Singapore 049860 | www.spacedc.com



Space^{DC}

In partnership with



Specifications at a glance

Facility features

Mega data center campus, covers an area of 206,532.41m²

3x 5-story and 4x 6-story buildings.

Availability: 99.995%

Data hall features

Up to 40,000 standard racks

Support rack density range of 4-8kW per rack

The average load in the equipment room is greater than 1200 kg/m²

Rack size: 600*1200*2320mm

Floor to floor height of 5.9m

Seismic grade

Seismic fortification intensity: 6 degrees

Seismic fortification category: B (key fortification)

Seismic grade of frame: level 1

Utility power and generators

Double power supply system

A 110KV substation, dual mains

Diesel generator N+ 1 redundancy, self-start within 60 seconds, oil storage for 12 hours

Find out more

Contact us now for more information about our data centers or to schedule a tour.

info@spacedc.com | +65 6958 0972 | 72B Boat Quay, #03-01, Singapore 049860 | www.spacedc.com



Space^{DC}

In partnership with  中金数据
CENTRIN DATA

IT Power

N + N dual UPS/HVDC

>15 minutes backup time of a single battery

>30 minutes backup time of the dual battery

Cooling

Water cooling and natural cooling

Water cooled pipes N+1 redundancy, end precision air conditioner N+1-2

Redundant pipeline mode: dual loop

Energy saving measures: HV variable speed centrifugal chiller, waste heat recovery, column air conditioning, building automatic control etc.

Connectivity

Multiple routing, 8 MMR per building

Provides access to multiple ISP providers

Telecom, unicom, mobile and other operators 3 route access

Access other carriers based on customer requirements

Supports bare fiber, BGP, SDH/MSTP, DDN, ATM, ISDN, and frame relay

Monitoring and security

Electronic fence perimeter system

Video surveillance system

Burglar alarm system

Entrance security system

Anti-trailing device

24/7 hour security guards

Two way access control and biometric identification system

Fire protection

IG541 gas fire extinguishing system

Aspirating smoke detectors and early fire detection system

Automatic fire alarm and linkage control system

Electrical fire monitoring system

Fire equipment power supply monitoring system

Fire door monitoring system

Grounding

Common grounding devices include protection grounding, working grounding, lightning protection grounding, and information system grounding. The combined grounding resistance is $\leq 1 \Omega$.

Other services

Supporting facilities such as remote hands

Customer office buildings, catering buildings and apartment buildings

Equipped with freight elevator, warehouse, parking lot

Find out more

Contact us now for more information about our data centers or to schedule a tour.

info@spacedc.com | +65 6958 0972 | 72B Boat Quay, #03-01, Singapore 049860 | www.spacedc.com