Data Center
Technical Specifications

SH3

Shanghai Data Center

Datang Gaohong operates state-of-the-art data centers in Shanghai as part of a strategic partnership between Equinix and Datang Gaohong, a subsidiary of Datang Telecom Group. We hold a cross-regional IDC license in Beijing and Shanghai which enables us to offer additional value-added services and with the support of Equinix, we deliver a standard of service consistent with Equinix Data centers worldwide.

We currently operate four partner data centers in strategic locations across Shanghai, providing over 80,000 square feet (7,400 square meters) of colocation space. Our vendor-agnostic data centers provide connectivity to all major domestic connection providers—including China Telecom, China Unicom, and China Mobile—plus the main VPN providers in China, giving customer access to dense concentration of financial services companies, multinational enterprises, and cloud service providers.

Shanghai Data Centers Benefits

- Broad and deep digital ecosystems made up of cloud/IT and enterprise customers
- Connectivity to China Telecom, China Unicom, China Mobile and main VPN providers
- Natural hub for trading or financial services
- Provides excellent service in supporting all back office/front office and IT needs in financial services industry
- Bilingual (English and Chinese) customer support
- Fully supported by Equinix and operate to the same global standards

Building 3, 700 Jinyu Road
Pudong New Area
Shanghai
201206 PRC

Get in touch

- Sales Enquiry
- Customer Support
  - 400.120.9055 (China)
  - servicedesk@gaohongidc.cn

Click here to view the metro interconnection map

Building

SPACE

Colocation Space	1,218 m² (13,108 ft²)
Building Type	4-story reinforced concrete structure
Parking	Campus parking (no charge)

FLOOR

Floor Type	Raised Floor
Floor Load Capacity	11.97 kN/m² (250 psf)

FIRE PROTECTION

Fire Detection	Smoke detectors
Fire Suppression	FM-200

Facilities

POWER AND COOLING

Power and Cooling Density	1.0 – 3.0 kVA per cabinet
Utility Feeders	2
UPS Configuration	2N or N (depending on floor)
UPS Redundancy	N+1
Standby Power Configuration	4 x 1,000kVA diesel generators (shared with SH2)
Standby Power Redundancy	N+1
Cooling Configuration	CRAC units and water-cooled centrifugal chillers
Cooling Redundancy	N+1

SECURITY

Physical	Man trap entry, perimeter fence and gate
Human	24/7 on-site security officers
Electronic	Biometric readers (in common areas), biometric readers (optional), PIN & card readers, CCTV surveillance with 90-day retention

Amenities

- Break Room
- Loaner Tools
- Showers
- Crash Carts
- Work Kiosks
- Wi-Fi
- Conference Room

Products and Services

Data Center Services

- Private Cage
- Secure Cabinet
- AC Power Circuits
- Equinix Flex Space Office and Storage
- Antenna
- Business Continuity for Trading Rooms

Interconnection Services

- Cross Connect
- Campus Cross Connect

Services

- Smart Hands®

Reliability

Our IBX data centers boast an industry-leading 99.999%+ average uptime record.***

***As measured from January 1–December 31, 2023, for Equinix IBX operations.

Certification and Sustainability

Certifications

- ISO 27001
- ISO 22301
- ISO 9001
- PCI DSS
- SOC 1 Type II
- SOC 2 Type II

Green By Design

- Granular temperature monitoring
- 100% from I-RECs from China small hydro/wind/solar
- Native plants, FCS, High Efficiency UPS, LED, HEC, Decoupled Dehumidification

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