

CGK4 JATILUHUR

Data Sheet

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

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 Jatiluhur, CGK4 Data Centre is amongst the top data centres in Indonesia that serves customers from different segments like OTT, financial, professional services, enterprises, telecommunications and government.

Certifications

ISO 9001
ISO 27001
ISO 14001
ISO 20000
UTI Tier III Facility
PCI/DSS
TVRA

Building Lifts

1 Hoisting motor (4,400 lbs) at DRC-3

Floor Specs (DRC-3 & 2; 1st Floor)

4,200 mm floor to ceiling height

600 mm raised floor height

4.8 kN/m² floor loading

Floor Specs (DRC-3; 2nd Floor)

2,900 mm floor to ceiling height

400 mm raised floor height

6.5 kN/m² floor loading (high dense data hall)

3.5 kN/m² floor loading (low dense data hall)

Gross White Space

44,700 ft²

**4 DC Buildings (DRC-1, DRC-2, DRC-3 and Network-DC)
with total 800 Rack, sharing Telco Room, Staging
Room, Working Area, and Meeting Room**

Facility Specs

Address

- Jl. Ir. H.Juanda, Jatiluhur Kabupaten Purwakarta Jawa Barat.
- Launched in 2002 — Located in Satellite Area suitable for DR Location

Power

- 4 MVA critical power supply
- Dual power source to each rack with no single point of failure
- 2N configuration UPS serving DRC-3 (4,600kVA)
- N+1 configuration UPS serving DRC-1 and DRC-2 (1,320kVA)
- N configuration UPS serving Network-DC (400kVA)
- 40,000 liters fuel capacity serving DRC-1, DRC-2 and Network-DC; equivalent to 30 hours runtime at full load.
- 160,000 liters fuel capacity serving DRC-3; equivalent to 200 hours runtime at full load.
- 15 minutes battery autonomy
- N+1 diesel generator redundancy
- 2 x 32A ceeform power sockets per rack

Cooling

- Dual power air cooled (DX Type) Cooling system
- Up to 1.0 kW/m2 cooling density

Operating environment:

- 18°C -27°C temperature
- 40% - 80% relative humidity
- N + 1 CRAC configuration
- Racks deployed in 8-tile hot or cold aisle

Fire Detection & Suppression

- 24/7 decentralized monitoring of M&E plant room and redundant systems
- Gaseous suppression and dry-pipe pre-action sprinklers
- Very Early Smoke Detection Apparatus (VESDA)
- FM200 (DRC-2) and NOVEC 1230 (DRC-3) fire suppression
- Door and partition minimally 2-hour rated

Security

- Security of racks, cages, and private room with secured locking mechanisms
- External perimeter fence with 24/7 CCTV monitoring and guard patrols
- Footage stored for 90 days
- Two-factor authentication (Biometric and Card) at all key entry/exit points
- Pre-authorized visitors only whose logs kept for 1 year

Interconnection

- Meet-me-rooms integrated across operating footprint with access to multiple connected carriers
- Direct access to major domestic exchanges and Points of Presence (PoPs) within Indonesia
- Multiple redundant and diverse carrier networks for local access
- Access to multi cloud providers within Indonesia & across globe
- Available Connectivity Service from several Meet-me-rooms partners : IP, Transit, Dedicated Internet Access, Ethernet Link, MPLS, IPLC, Low latency routes, Low latency access to CLS etc.
- 1-tier overhead cable ladder and 1-tier fiber runner in data hall

Carriers:

IOH, Lintasarta, Telkom, Icon+, Pacific Satellite N/w