

# Gangnam Data Centre

Seoul

Open in  
1H 2025



## GANGNAM DATA CENTRE (GDC)

Empyrion DC is a next-generation digital infrastructure platform committed to operating at the highest standards of efficiency and sustainability. Green by design, we power data centre solutions that connect and scale digital ecosystems across Asia.

Conveniently located at the heart of Seoul's major business districts (Gangnam, Central, Yeouido) and IT cluster (Pangyo Techno Valley), the Gangnam Data Centre is part of the Empyrion DC Asia platform. It spans a floor area of 30,714 m<sup>2</sup> and is capable of provisioning up to 40 MW of power capacity.

As the newest data centre to be constructed in the supply-tight Gangnam district in recent years, GDC provides opportunities for international and local hyperscale, enterprise and network companies to expand into and within the 4<sup>th</sup> largest metropolitan economy in the world.

## Highlights

- Strategically located 9 km from the Pangyo Techno Valley and 12 km from Seoul's CBD
- Designed for efficiency with the StatePoint Liquid Cooling System
- Strategic partnerships with key network providers to enable comprehensive connectivity solutions
- Scalable, resilient and carrier-neutral pan-Asia platform

## Map

224 Yangjae-dong, Seocho-gu, Seoul



# TECHNICAL SPECIFICATIONS

## SPACE



### Building

|                          |                                |
|--------------------------|--------------------------------|
| Colocation Space         | 30,714 m <sup>2</sup>          |
| Power Capacity           | 40 MW                          |
| Building Type            | 9-storey, multi-tenant         |
| Floor Type               | Raised                         |
| Floor Load Capacity      | 15 kN/m <sup>2</sup>           |
| Ceiling Height           | 1F – 6F : 7 m<br>7F – 8F : 8 m |
| Seismic resistant design | Richter scale 7.0              |
| Parking                  | Available on request           |

### Data Hall Architecture

|            |   |
|------------|---|
| Floor Plan | Flexible configuration<br>Suitable for multi-tenant<br>Hyperscale & enterprise-ready                              |
| Data Hall  | Hot-aisle containment<br>Available 4.2 MW per floor<br>10 KW per cabinet<br>(More than 10 KW available on demand) |

## FACILITIES



### Power and Cooling

|                             |   |
|-----------------------------|---|
| Annualized PUE              | 1.3   |
| Utility Feeders             | 2 separate substations for redundancy                   |
| UPS Configuration           | N+1,<br>Block or Distributed Redundancy                 |
| Standby Power Configuration | N+1   |
| Cooling System              | Nortek StatePoint® Liquid Cooling<br>& fan wall systems |
| Cooling Configuration       | N+1   |
| Fire Suppression            | IG-100 Gas fire suppression system                      |

### Security

24/7 physical security, CCTV,  
2-factor authentication with biometric access

## PRODUCTS & SERVICES



|                                   |   |
|-----------------------------------|---|
| Interconnection                   | Cross Connect,<br>Metro Link or Metro Connect   |
| On-site Services                  | Remote Hands 24x7 available   |
| Colocation                        | Standard Cabinets<br>Customisable Private Cages<br>Operation Rooms for Business<br>Continuity Planning<br>Flexible Floor Plan Configuration |
| Telecommunications Infrastructure | Fibre Entry Points – 2 MDFs   |

## CERTIFICATIONS



|               |  |
|---------------|--|
| International | ISO14001, ISO27001, ISO45001                     |
| Domestic      | ISMS (Information Security<br>Management System) |

## ABOUT EMPYRION DC



Empyrion DC is a next-generation digital infrastructure platform committed to sustainability and the highest standards of responsible operating performance. Green by design, we develop and operate highly efficient hyperscale and colocation data centres that connect and scale digital ecosystems across key cities in Asia.

