

DigiPlex Denmark - Copenhagen



DigiPlex Copenhagen 1 is centrally located in Copenhagen, approximately 10 minutes drive from Copenhagen's International airport at Kastrup and Copenhagen inner city. The site is within walking distance to a metro station for rapid access to airport or city center.

The location has five fibre entries to the building and comprises approximately 1 600m² of white space for retail IT housing divided on 3 separate floors. The site provides mains power from certified renewable hydro and wind energy sources

The Copenhagen data center provides individual data halls from 100m² up to +400m², offering both standard and tailored IT housing.

It is constructed of a heavy concrete frame arranged over three levels and a technical basement, which provides all necessary data center facilities. The building is protected by perimeter fencing, CCTV, access control system and secured by 24/7 security staff.

The second floor is reserved for administrative office purposes and customers lounge areas and includes a wide, lovely terrace with a sea view to Sweden.

The site is versatile and customer specific configurations can be incorporated, ranging from contiguous colocation racks, caged areas or an entire data hall, including bespoke security solutions.

The infrastructure is designed for concurrent maintainability in a 2N double UPS conversions configuration while cooling systems and DG backups are N+1 configurations.



Specification Summary

The data center is arranged in data halls, offering both standard and tailored IT housing. It is constructed of a heavy concrete frame arranged over four levels with all necessary data center facilities. The site is versatile and customer specific configurations can be incorporated, ranging from contiguous colocation racks, caged areas or an entire data hall, including bespoke security solutions. The infrastructure is designed for 100% concurrent maintainability.

Construction

The property is a prestigious 2002 building built in concrete clad with red brick and with a large glass atrium with staircase areas

Master plan caters for conditioned data halls, office, disaster recovery and storage space

The data center is arranged in data halls, offering both standard and tailored IT housing with available white space of 100m2 up to 400m2
40cm raised flooring

Floor to ceiling heights of 4m

Easy access to the loading bay area with big size lift for it-equipment transport to all whitespaces

Power

A total of 1.6 MVA 10 kV power supply from the public grid supply is available at the site, with additional 1.6 MVA as option

UPS and power distribution equipment located in central plant

N+N diesel generators are installed

Scalable UPS providing 'diverse' N+N power supply systems to the data halls in diverse A and B power strings

LV voltage generators are designed as parallel to the main building configuration in N+1 configuration with individual fuel storage tanks

The site is scalable for extra transformer and diesel generator

Cooling

Each data hall supported by N+1 redundant downflow watercooled CRAC units with free cooling available below 9 degree C

BMS controlled Ilka Mafa chiller units are configured with N+1 redundancy, and the installation is scaleable to accommodate a 4th unit

All cooling water installations to CRACs are located outside the whitespaces

Fire Protection

IG55 Argonite fire suppression system in data halls

Monitored automatic smoke detection throughout

Fibre Infrastructure

Carrier neutral host to multiple independent fibre carriers

Provision of 5 diverse underground fibre entry points

Security

Monitored 24/7 from remotely located Security Operating Center supplemented by a manned security presence

High boundary fencing with CCTV and intruder alarm system



Focus on Core Business

Capital and resources focused on growing your business, not building and managing data centers



Energy Efficient

Powered by 100% renewable energy



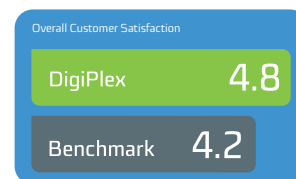
Secure

Designed to be secure and reliable



ISO Compliance

All our facilities are fully compliant



Customer Satisfaction

Independent customer survey ranking

digiplex.com

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@digiplex_ICT

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Scalable. Sustainable. Secure