Denmark, Copenhagen

COP01

CAPACITY IT LOAD

1.2 MW

WHITE SPACE

1,600 SQM
STACK COP01 is centrally located in Copenhagen, approximately 10 minutes drive from Copenhagen’s International airport at Kastrup and Copenhagen inner city. The data center 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 1,600 SQM of white space for retail IT housing divided on three separate floors. The site provides mains power from certified renewable hydro and wind energy sources. The building is protected by perimeter fencing, CCTV, access control system, and monitored 24/7 by remotely located security.

**Right-Sized Capacity:** Choose from a POWERSTACK or READYSTACK deployment for maximum control and immediate needs.

**Population Density:** Copenhagen capital area is home to approximately 2 million of Denmark’s 5.8 million inhabitants.

**Robust Hydroelectric and Zero-Carbon Power Infrastructure:** COP01 provides mains power from certified renewable hydro and wind energy sources.
STACK data centers are built for maximum scalability, sustainability, and security.

OPTIONS AVAILABLE

**POWER STACK**

POWERSTACK powered shell solutions are customizable base buildings designed for rapid deployments of right-sized capacity on demand. They're fibre-provisioned, fit-out ready, and available fast.

**READY STACK**

Plug in and go.

When you need capacity even faster, you need READYSTACK. These rack-ready data halls are purpose built for your immediate needs with pre-installed racks, connectivity and power. You bring the equipment. We've got everything else.
COP01 - Copenhagen, Denmark

CAPACITY

**White Space**
- 1,600 SQM

**IT Load**
- 1.2 MW

**Deployments**
- READYSTACK™: RackReady ® data halls
- POWERSTACK™: Immediately available shell capacity

COOLING & EFFICIENCY

**Cooling**
- Each data hall supported by N+1 redundant downflow water-cooled CRAC units with free cooling available below 9 degrees Celsius
- BMS controlled Ika Mafa chiller units are configured with N+1 redundancy, and the installation is scalable to accommodate a 4th unit
- All cooling water installations to CRACs are located outside the whitespaces

**Density**
- High density deployments supported in excess of 1.6 kW/SQM

**Electrical**
- 2N PDU Configuration

SAFETY & SECURITY

**Security**
- Monitored 24/7 from remotely located Security
- Operating Center supplemented by security personnel
- High boundary fencing with CCTV and intruder alarm system

**Fire Protection**
- IG55 Argonite fire suppression system in data halls
- Monitored automatic smoke detection throughout

POWER & RELIABILITY

**Utility Service**
- 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 optional UPS and power distribution equipment located in central plant

**Electrical Redundancy (Generators/UPS)**
- 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

**Fuel Storage**
- Built with 48 hours of fuel reserves

**PDU**
- 2*basic PDUs

**BMS Controls**
- Siemens design CC

CONSTRUCTION

- The property is a prestigious 2002 building built in concrete clad with red brick and featuring 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 100 SQM up to 400 SQM
- Floor to ceiling heights of 4 metres
- Easy access to the loading bay area with large-size lift for IT equipment transport to all whitespaces

CONNECTIVITY

**Diversity**
- 5 x fibretrunks - separated entry points

**Carrier Availability**
- Carrier neutral

**Fibre Infrastructure**
- Provision of 5 diverse underground fibre entry points

CERTIFICATIONS SUPPORTED

**ISO Compliance**
- ISO 9001 : 2015 Quality Management
- ISO 14001 : 2015 Quality Management Environmental
- ISO 27001 : 2013 Information Security Management System
- ISAE 3402/SOC 1 Report

**Other Certificates**
- LOS Energy AS 100% Renewable Energy Guarantee
- Payment Card Industry Data Security Standard (PCI/DSS)
- Combined SOC 1 and ISAE 3402 Type II