nLighten edge data center
Hamburg.

HAM1

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The major port city of Hamburg is home to the most northerly of the nLighten data centers in Germany. Famous for its shipping industry, Hamburg is also a significant manufacturing base, especially in the production of steel, aluminium , and copper. It also boasts a thriving creative community with multiple media and publishing firms as well as 2,000 companies in the music business alone. The creative and other industries in Hamburg depend on reliable colocation and internet infrastructure, of which the nLighten data center is an important part.
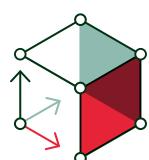
nLighten Hamburg.
Großmoorbogen 25
21079 Hamburg

Location specifics.

The data center is conveniently located just off the A1 motorway, 15 minutes from Hamburg's main train station, and 30 minutes by car from Hamburg Airport. The data center has an area of more than 555 m², 35 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Hamburg location enables our customers to benefit from a well-connected, high-availability data center and capable of housing high-density cabinets. The data center comes with a wide range of on-site services and a growing ecosystem of partners, all there to optimally support our customers' IT environment.

Highlights.

555 m²
of edge data center space

35 kW
site capacity (end-state)

Sustainability:
Commitment to a
net-zero carbon
footprint

Compliance:
Explore our
certifications

nConnect.

Connectivity:
Explore nConnect,
our Network Service
Platform

Edge data center Hamburg
Features.

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DATA CENTER

Location	Conveniently located for easy access by road and public transport	☑
Design	Tier III design target	☑
Connectivity	Carrier-neutral data center with diverse fibre entry points and meet-me areas for rapid activation	☑
Cooling	Cooling and humidity design complying with ASHRAE A1 allowable category	☑
Compliance	We adhere to industry-leading standards, comply with applicable regulations, and continuously enhance our infrastructure and security posture. Explore our certifications	☑

POWER

Redundant power with independent A and B feeds to each cabinet	☑
Site capacity (end-state)	**35 kW**
Design Power Usage Effectiveness (PUE)	**1.29**
Standard Density (air cooling): 2-7 kW, up to 15 kW per cabinet	**Yes**
High-density (AI-ready): 15 kW to 150+ kW	**On request**

SUSTAINABILITY

Heat recovery; residual redirected to local heating networks	**Feasibility study**
100% carbon free energy backed by Guarantees of Origin	**Yes**
Power Purchase Agreement (PPA)s	**Yes**
Integrated Carbon-Free Energy (ICFEn) score calculated	**Yes**

SECURITY

Dual factor access control (pin/biometrics)	☑
CCTV – Full coverage, storage in compliance with local laws	☑
Fire suppression in the data hall	☑

SUPPORT

24/7 service desk and 24/7 access to NOC services	☑
On-site services	☑

Want to know more? Have any questions? Or simply want to get in touch with us?
Find out more on **www.nLighten.com.**