



nLighten edge data center

Berlin.**BER1**

As well as being a lively cultural hub, Berlin is also Germany's most populous city, with 3.7 million inhabitants and is Europe's premier business start-up and scale-up location. Recent surveys have found that Berlin is the most attractive city for would-be entrepreneurs. So it is only logical that nLighten chose to set up a data center there to support the city's start-up scene.

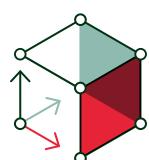
**nLighten Berlin.**Albert-Einstein-Ring 17
14532 Kleinmachnow

Location specifics.

The nLighten edge data center in Berlin offers you the ideal location – just off the A115 motorway, 25 minutes from the main train station, and 30 minutes by car from Berlin Brandenburg Airport. The edge data center has more than 3,894 m² of space, 1,800 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Berlin location enables our customers to benefit from a well-connected, high-availability data center and capable of housing high-density cabinets. The edge 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.



3,894 m²
of edge data center space



1,800 kW
site capacity (end-state)



High Density
(AI ready): 15 kW to
150+ kW



Sustainability:
Commitment to a
net-zero carbon
footprint



Compliance:
[Explore our
certifications](#)



Connectivity:
[Explore nConnect,
our Network Service
Platform](#)

Edge data center Berlin Features.



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)	1,800 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 ongoing
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.