nlighten
close · coupled · connected

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, 1,600 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

1,600 kW
proposed end-state site capacity

AI-readiness:
Design build of up to 50+ kW rear-door cooling

Sustainability:
Commitment to a net-zero carbon footprint

Compliance:
ISO27001
Explore our certifications

nlighten
close · coupled · connected

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	✓
Cooling	Cooling and humidity design complying with ASHRAE A1 allowable category	✓
Compliance	ISO27001 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	✓
Proposed end-state site capacity	**1,600 kW**
Design power usage effectiveness (PUE) all phases	**1.29**
Standard density	**2 – 7 kW available**
High density positions up to 12 kW Air-cooling and 50+ kW rear door-cooling (AI-ready)	**New rooms**

SUSTAINABILITY

Heat recovery; residual redirected to local heating networks	**Feasibility study**
Commitment to a carbon-free energy footprint	**Green certificates upon request, CFE scoring commitment**

SECURITY

Dual factor access control (pin / biometrics); five lines of defence design target	✓
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	✓
24/7 remote hands	✓
On-site staffing	**Office hours**

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