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nLighten edge data center

Nuremberg.

NUE1

As the second-largest city in Bavaria, Nuremberg is an important industrial center as well as a major educational and market research hub. The nLighten data center in Nuremberg supports important fibre routes into Eastern Europe, making it an essential communications center for the area.

nLighten Nürnberg.
Leyher Straße 142
90431 Nürnberg

Location specifics.

The data center is conveniently located just off the A3/A73 motorway, 15 minutes from the main train station and 22 minutes by car from Nuremberg Airport. The data center has more than 1,032 m² of space, 600 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Nuremberg 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.

1,032 m²
of edge data center space

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 in all locations

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Edge data center Nuremberg 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, and programme in place for PCI-DSS, SOC1, SOC2, ISO14001, ISO 50001, ISO22301	✓

POWER

Redundant power with independent A and B feeds to each cabinet	✓
Proposed end-state site capacity	**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)	**Phase 2**

SUSTAINABILITY

Heat recovery; residual redirected to local heating networks	✓
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***.