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nLighten edge data center
Munich.

MUC1

Nicknamed Germany's Silicon Valley, Munich is home to a vast range of technology companies as well as automotive, other manufacturing and creative industries. Munich is also one of the most attractive business locations in Germany, not least due to its excellent quality of life. The nLighten data center is proud to support Munich businesses with its multi-megawatt green IT platform.
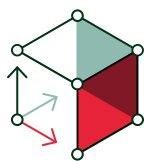
nLighten München.
Robert-Bosch-Straße 12
85748 Garching bei München

Location specifics.

The data center is conveniently located just off the A9/A99 ring road, 15 minutes from the main train station, and 20 minutes by car from Munich International Airport. The data center has an area of 2,500 m², 2,400 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Munich 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.

2,500 m²
of edge data center space

2,400 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

Edge data center Munich 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	☑
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	**2,400 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	**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.**