nLighten edge data center

Birmingham.

BHX1

Birmingham is the second-largest city in the UK and lies in the heart of the Midlands. Home to a dynamic technology sector, as well as thriving advertising agencies and a robust financial services industry, Birmingham has garnered a reputation as a magnet for innovative enterprises. The nLighten data center in Birmingham strengthens the city's telecommunications networks and IT sector. It contributes to making Birmingham a prime destination where businesses converge with the future, forging a dynamic and forward-thinking environment for both industry and technology.

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nLighten Birmingham.
The Garrison, Technology Park
10 Westley St
B9 4ER Birmingham

Location specifics.

The data center is conveniently located near the city center of Birmingham, close to the M6 motorway and just 30 minutes by car from the Birmingham Airport. The data center has an area of 930 m², 3,150 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Birmingham 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.

930 m²
of edge data center space

3,150 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 Birmingham 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	**3,150 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***.