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nLighten edge data center

Liverpool.

LPL1

Liverpool, a bustling city in northwest England on the River Mersey, is known for its rich maritime history and cultural heritage. It thrives as a pivotal industrial and educational hub and its vibrant economy, particularly in trade and finance, makes Liverpool a key telecommunications and commerce center in the UK. nLighten's presence in Liverpool provides top-notch data services and connectivity to support local businesses and institutions. Liverpool exemplifies where business meets the future.

nLighten Liverpool.
Georgia Avenue
Bromborough Unit 2
CH62 3RG Wirral

Location specifics.

The data center is conveniently located in the south of Liverpool, close to the M53 motorway and just 40 minutes by car from Liverpool John Lennon Airport. The data center has an area of 1,765 m², 5,300 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Liverpool 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.

1,765 m²
of edge data center space

5,300 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

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Edge data center Liverpool 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	**5,300 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***.