



nLighten edge data center

Nottingham.

EMA1

Nottingham, known for its vibrant cultural scene, is also the largest economic area in the East Midlands. With a diverse population and a growing reputation as a hub for business start-ups and scale-ups, Nottingham attracts entrepreneurs and innovators, and it has been identified by recent studies as a top choice for aspiring business owners. Therefore, it is no surprise that nLighten runs a data center in this dynamic city, providing crucial support to the local business community and contributing to Nottingham's growing prominence in business and technology.

**nLighten Nottingham.**

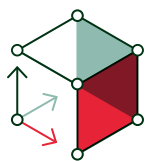
Blenheim Industrial Estate,
1 Bennerley Rd
NG6 8UY Nottingham

Location specifics.

The data center is conveniently located in the north of Nottingham, close to the M1 motorway and just 25 minutes from Nottingham City Airport. The data center has an area of 8,750 m², 4,200 kW of power, an office area and ample parking space.

Like the other nLighten facilities, the Nottingham 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.



8,750 m²

of edge data center space



4,200 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 Nottingham Features.

nlighten
close • coupled • connected
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 | 4,200 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 |