nlighten
close · coupled · connected

nLighten edge data center
Ghent.

BRU1

Steeped in rich history and vibrant culture, Ghent is a thriving city pulsating with an innovative spirit. Its diverse economy and strong focus on technology and research make it an ideal destination for businesses seeking growth opportunities. With its dynamic economic environment and forward-thinking approach, Ghent is where businesses flourish and connect with the future. The city's commitment to digitalization has propelled it to the forefront of innovation, making it a center for cutting-edge enterprises. Ghent's robust telecommunications infrastructure provides businesses with high-speed connectivity and seamless communication channels. The nLighten data center plays a key role in supporting the city's technological advancement, offering state-of-the-art data center services that empower businesses to thrive.
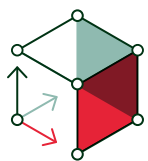
nLighten Ghent.
Industriepark 2H
9820 Merelbeke

Location specifics.

The data center is located in the south of Ghent in Merelbeke, close to the E40 motorway and just 1 hour by car from Brussels Airport.

Like the other nLighten facilities, the Ghent 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.

1,400 m^2
of edge data center space

1,200 kW
site capacity (end-state)

Sustainability:
Commitment to a
net-zero carbon
footprint

Compliance:
Explore our
certifications

Connectivity:
Explore nConnect,
our Network Service
Platform

Edge data center Ghent 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 for rapid activation	☑
Cooling	Cooling and humidity design complying with ASHRAE A1 allowable category	☑
Compliance	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	☑
Site capacity (end-state)	**1,200 kW**
Design Power Usage Effectiveness (PUE)	**1.29**
Standard Power Density (air cooling): 2-7 kW, up to 15 kW per cabinet	**Yes**
High-density (AI-ready): 15 kW to 150+ kW	**On request**

SUSTAINABILITY

Heat recovery; residual redirected to local heating networks	**Feasibility study ongoing**
100% carbon free energy backed by Guarantees of Origin	**Yes**
Power Purchase Agreement (PPA)s	**No**
Integrated Carbon-Free Energy (ICFEn) score calculated	**Yes**

SECURITY

Dual factor access control (pin/biometrics)	☑
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	☑
On-site services	☑

Want to know more? Have any questions? Or simply want to get in touch with us?
Find out more on **www.nLighten.com.**