

FACTS AND FEATURES

# BER01 at a Glance

With maincubes **BER01**, Berlin has gotten a reliable and sustainable data center. At our location in Berlin-Schmargendorf, we combine high security, efficiency and sustainability in digital administration for our customer.

Certifications are an important criterion when choosing a colocation data center – we relied on the criteria of the "Blue Angel" from the German Federal Environmental Agency. In addition, we plan to use the waste heat outside the data center. With TÜV and ISO seals, we also guarantee 100% availability, even for high-performance computing.



**maincubes**  
SECURE DATACENTERS

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## IT CAPACITY

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IT capacity: 9 MW

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IT area: 5,100 m<sup>2</sup> / 55,000 ft<sup>2</sup>, 12 datacenter suites

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PUE ≤ 1.26

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Standard rack dimensions:  
800 mm × 1,000 mm × 47 U (other dimensions on request)

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Consistent cold-aisle containment

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Hot spots up to 40 kW per rack for high performance computing

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Redundancies: Power N+2 Piller IP bus,  
Cooling N+1 Adiabatic Cooling

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IT rooms are also ready for: OCP (Open Source Hardware),  
Immersion Cooling, Liquid cooling (CPU, in Row)

## SITE AND BUILDING

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8,100 m<sup>2</sup> / 87,200 ft<sup>2</sup> of land

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16,600 m<sup>2</sup> / 178,700 ft<sup>2</sup> of building

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3 floors of IT

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Risk analysis: no special risks

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Waste heat recovery

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100 % renewable energy from nearby resources

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Facade and roof covered with photovoltaic installation

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Protection zone concept with separation system  
and biometric scan

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Comprehensive video surveillance system

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Fire protection and automatic fire  
extinguishing system

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Office space available

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Mecklenburgische Straße 32  
14197 Berlin, Germany

## NETWORK INFRASTRUCTURE

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Redundant supply via CrossConnects

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Carrier-neutral data center

## SLA, CONTRACTS AND DATA PROTECTION

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SLA availability: 100 %

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Temperature and relative humidity: 18 °C–27 °C at  
20–80 %, individual climate conditions on demand  
in dedicated suites

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Service desk and service Portal

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24/7 access with security staff on-site

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Contracts under German law

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Colocation customer data remains auditable in DE/EU

## CERTIFICATIONS

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ISO 9001

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ISO 14001

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ISO 27001

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ISO 50001

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SOC 1 + 2 (ISAE 3402)

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Blue Angel / Blauer Engel (DE-UZ 214)

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TÜV Saarland incl. EN50600 VK3

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Eco-Management and Audit Scheme (EMAS)