



EMEA

# Hamburg 1 Data Center

## Fulfilled requirements for high availability

In Hamburg, we operate a **colocation center** with a total of 1,100+m<sup>2</sup> of high availability data center space. Together with Frankfurt 2 and Munich 1, it is **one of our three smaller data centers**.

### Data center space

- 1,100+m<sup>2</sup> of IT space
- Flexible colocation deployments
- Ancillary spaces available

### Power

- Total power: 1.6MVA
- IT load: 0.8MW
- Average power density: 1.0kW/m<sup>2</sup>
- Own medium-voltage feed from the European grid via local power supplier (2 x 800kVA transformer station)
- UPS N+1 redundant with bridging time minimum 15 minutes battery at full load
- Emergency generators (1 x 1,400kVA fuel storage for 48 hours)

### Cooling

- Redundant water-cooled system supported by free-cooling (N+1)
- Cold air supply from bottom to top via raised floor
- Star-shaped chilled water pipes to CRAC units with redundant pumps

### Fire protection

- Monitoring with automatic digital fire alarm system
- Very Early Smoke Detection Alarm Systems (VESDA)
- Mobile gas extinguishing systems and hand-held fire extinguishers
- Fire protection walls with fire resistance 90 minutes

### Security

- Service Operation Center for security and operation with 24/7 fallback to Berlin 1
- Video surveillance systems for the external building facade and internal areas
- Card swipe entry/exit to all doors
- Preventive risk assessment

### Connectivity

- Carrier- and cloud-neutral
- Carrier-mix
- Connectivity and dark fiber infrastructure

- Redundant cabling infrastructure high-performance internet access
- Inter data center connectivity between NTT data centers
- Multi Service Interconnection Platform

### Additional services

- Client implementation
- Installation services
- Remote Hands services provided by the technical infrastructure on-call service
- Facility services

### Certifications

- ISO 9001
- ISO 27001 IT-GS (BSI)
- ISO 50001
- PCI DSS

### Global data center network

- Part of the NTT family
- Connectivity options to our global network

## Service level agreement

- 99.995% power uptime availability
- Climate control conditions in line with ASHRAE guidelines
- Connectivity availability

## Address and contact

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## Location

