

Data center

Hamburg (HAM6)



The HAM6 data center is located in the south of Hamburg and meets the highest standards for secure and available data centers.

Regular certifications confirm the secure handling and processing of sensitive customer data.

Building

| | |
|---------------------|--|
| Total area | 1,200 m ² (including infrastructure and technology) |
| Construction | Built in 2001 (modernized in 2007, 2009, 2013, 2017, 2021) Aerated concrete exterior walls Interior walls in F90 design Doors with smoke protection |
| Floor space | 4 rooms of 120 m ² each (floor space for 6,600 servers) |

Access and security

| | |
|---------------------------|--|
| Access | Personalized ID, PIN request, 24/7 guard on-site |
| Video surveillance | By plusserver |
| Infrastructure | 24/7 monitoring with staff on standby |
| Racks | Secured by PIN and locking system |

Network

| | |
|---------------------------|---|
| Tier 1 carrier | Premium mix (e.g. DTAG, Colt, Wilhelm.tel, ServTec) |
| Router technology | e.g. Cisco, Juniper |
| Network technology | Cisco, F5, Fortinet, Brocade SAN, Juniper |
| House lead-ins | Three separate lead-ins |

Air conditioning

| | |
|--------------------------|---|
| Supply air system | For data center rooms and technical area |
| Data center | Circulating air cooling devices n+1 |
| UPS/LVMD rooms | Circulating air cooling devices n+1 |
| Pumps | n+1 redundant |
| Cooling | 1,000 kW cooling capacity (n+1) redundant |
| False floor | 600 mm |

Electrical technology

| | |
|-------------------------------|--|
| Power connection | Own medium voltage main distribution with 2 MVA (n+1) redundant, 10 kV ring connection |
| Emergency power supply | 1,900 kW (n+1) redundant |
| Engine | Perkins |
| Tanks | 9,000 liters day tank Designed for autonomous supply of 72 h |
| IT racks | Supply up to 6x 16 A possible |
| UPS | 2x 504 kW 2(n+1) redundant |
| Monitoring | Fuse case per outflow |
| Battery hold time | 12 minutes at full load |
| Power supply | 2 independent current feeds (A + B) per rack |

Fire protection

Fire alarm system with connection to the fire brigade

Fire detector In false floor and on ceiling

Fire extinguishing system Inergen, Fire is extinguished from above (ceiling) and below (false floor)

Early fire detection with VESDA system

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Do you have any questions?

Feel free to contact us.

We are here to help - quickly and easily.

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