

Data center

Hamburg (HAM5)



The HAM5 data center is located in the north 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	2,130 m ² (including infrastructure and technology)
Construction	Built in 2008 (modernized in 2011, 2013, 2016, 2020) Brick cold sandstone walls Interior walls in F90 design Doors with smoke protection
Floor space	2 rooms of 135 m ² and 270 m ² (floor space for 6,000 servers)

Access and security

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

Network

Tier 1 carrier	Premium mix (e.g. DTAG, Wilhelm.tel)
Router technology	e.g. Cisco, Juniper
Network technology	Cisco, F5, Fortinet, Brocade SAN, Juniper
House lead-ins	Two 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	1,200 kW cooling capacity (n+1) redundant
False floor	500 mm

Electrical technology

Power connection	Own medium voltage main distribution with 2 MVA (n+1) redundant, 10 kV ring connection
Emergency power supply	1.7 MVA (n+1) redundant
Engine	MTU
Tanks	30,000 liters Designed for autonomous supply of 72 h under full load
IT racks	Supply up to 2x 32 A
UPS	2x 640 kW, (n+1) redundant
Monitoring	Fuse case per outflow
Battery hold time	20 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 Novec 1230, 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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