plusserver

Data center

Düsseldorf (DUS6)

Centrally located in Germany, the DUS6 data center in Düsseldorf offers both certified cloud services and colocation services. In accordance with strict German data protection regulations, sensitive and personal customer data is optimally protected.

24/7 remote support and technical monitoring ensure optimal availability. With highly secure and scalable colocation space, you can meet strict compliance requirements.

Building

Total area	1,500 m² (including technology)
Construction	Reinforced concrete exterior walls Interior walls in F90 design Two fire sections Doors with smoke protection

Access and security

Access	Security gate, personalized ID, PIN and biometrics
Video surveillance	By plusserver
Infrastructure	Monitoring by plusserver, 24/7 with staff on-site and on standby
Cages	With creep zone protection (in false floor) Private cages

Network

Tier 1 carrier	Premium mix (e.g. TeliaSonera, Level3, DTAG)
Router technology	e.g. Cisco, Juniper
House lead-ins	Separate lead-ins
Separate cable trays for copper and glass above the racks, suspended from the ceiling	
Racks can be connected via appropriate routing in two ways	

Air conditioning

Air conditioning	900 kW + 350 kW (n+1) IT via 2 climate clamps (n+1)
Pumps	(n+1) redundant
Water line	Laid out as a ring
Heat exchanger	n+1
UPS/LVMD room	n+1
Ventilation	IT area and battery room
Cold aisle containment, supply air control and pressure control	
False floor	800 mm

Electrical technology

Power connection	Via 10 kV ring, in-house medium voltage main distribution and transformer
Emergency power supply	1.25 MVA + 900 kVA
Tank	24 h capacity at full load, can be refuelled during operation
IT racks (A/B)	Supply 2x 16 A, depending on requirement 4x 16 A (3-7.3 kW per rack)
UPS	335 kW + 200 kW (n+1) via 2 fire sections
Battery hold time	12 minutes at full load
Overvoltage protection of sub-distribution and short circuit monitoring per outgoing line	

Fire protection

Fire alarm system	With connection to the fire brigade
Fire detector	In false floor and on ceiling Optical and multi-sensor detectors
Fire extinguishing system	Nitrogen
Early fire detection	With smoke extraction system

plusserver
A sovereign, future-proof and secure cloud.

We offer German companies a sovereign and vendor-independent foundation for their digital business processes. On our secure, scalable cloud platforms, customers can implement future-proof and cost-effective digital applications. We advise our customers on cloud architectures and the integration of existing IT environments. Our approach is fast, dynamic and always personal.

Do you have any questions?
Feel free to contact us.
We are here to help - quickly and easily.

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BROADCOM PINNACLE PARTNER VMware Cloud Service Provider (VCSP) VMWARE
Sovereign Cloud Stack
ISO 50001:2018 TÜVRheinland CERTIFIED
TÜV SÜD ISO 9001
TÜV SÜD ISO 27001
JAN-2026 PCI DSS compliant
C5 Typ II BSI C5 CLOUD SECURITY
DATENSCHUTZ IDW PH 9.860.1
ISAE 3402 Type II