



CONOVA DATACENTER SALZBURG-MAXGLAN

DATA CENTER 4 + 5 – CERTIFIED TO ISO 27001 AND EN 50600
AVAILABILITY ZONE VZ-DC4, VZ-DC 5 | REGION SALZBURG CITY

As a data center operator with its own data centers in Austria, conova offers state-of-the-art infrastructure at the highest levels of supply and security. The data center in Salzburg/Karolingerstrasse has two data centers in one building. These data centers are designed as stand-alone, autonomous units, powered by separate substations and a medium-voltage redundant power system. They are also equipped with a redundant UPS system and emergency backup power system.

” Highlights at a glance

- Certified according to ISO 27001
- Certified according to EN 50600 – class 3 availability (“high”) or 4 (“very high”), class 1-4 protection, G3 energy efficiency
- Full video surveillance
- 2-factor authentication
- Geo-redundancy between locations in Salzburg-Maxglan and Hallein
- Electrical availability: 99.98 % and Internet upstream: 99.9 %
- Early fire detection with automatic gas extinguishing system



Location

Avoidance of external sources of danger

Central transport links to motorway/airport/public transportation

Rapid and 24/7 unlimited access, 365 days a year

High electrical availability

High energy-efficiency and green IT



Data Center Location

Data center room with ceiling height of 3.10 meters

Cable runners located above the rack rows at a height of 2.50 meters

Anti static pressured double floor

1000 kg load capacity per m²

Minimum width of 1.1 meters

Video surveillance in all critical areas

Biometric secured access to data center space

Data center areas in separate fire compartments

Separation of data center and technical rooms

Storage space available

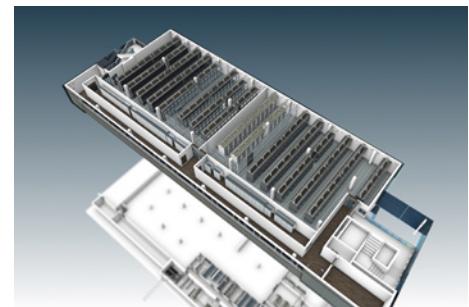


Carrier Connection

Carrier neutral transfer point for telecom providers

24x7 accessibility for telecom providers

Path redundant cable runners



Numerous scaling options can be found in our current price list.

Access

24/7 access

2-step authentication

Electronic key card

Biometric access system



Rack

Dimensions 1 Rack 750 mm x 1200 mm x 2250 mm (WxDxH) correspond to 48 rack units

Dimensions 1 rack unit 44.45 mm x 482.6 mm (HxW) with a max. load capacity of 25 kg

Double floor option available

Racks closed laterally

Individually, electronically lockable doors on the front and rear

Minimum of 80 cm access space to both sides

Optional PDB (water-cooled) racks



Fire Protection

Fire protection class F90 in the data center area

Early fire detection system in the ceiling and double floor

Automatic fire extinguishing with nitrogen



Cooling

Redundant cooling

Guaranteed ambient temperature between 18°C and 26°C at a relative humidity of 35 % – 65 %

Automatic leakage detection in the data center and operational areas

Cooling by down-flow systems



Operation

Provider independent

Internet upstream availability of 99,9 %

Variable billing of the operating costs if included base is exceeded

Flat-rate of operating costs upon request

Various cabling options between the racks, data center and telecom sector in copper and fiber optic

Monitoring of climate control, power, fire alarm and backbone 24/7



Energy Supply

Continuous TN-S principle

Own 30 KV transformer station and medium voltage switchgear

Power from separate substations

Battery-backed, uninterruptible power supply with a backup time of 20 minutes

230 V/400 V AC voltage at 50 Hz

Power system using diesel generator with at least 24 hours autonomy

Flexible power connection options

Electrical availability of 99,98 %, 24/7