



# WITCOM DATACENTER 1

## Premium Performance!

### GENERAL

Adress	Konrad-Adenauer-Ring, 65187 Wiesbaden
Location	Direct access to a ring road; easy to reach via motoways A 66, A 3, A 643, A 671
Computer centre operator	WITCOM Informations- und Telekommunikations GmbH
Certified by	TÜV DIN EN 50600 TÜV Rheinland since 2021
Technological spaces	600 qm <sup>2</sup> in 4 rental areas + additional backup space
Emergency work stations	Workstations in the same building
Ccess to the building	24 x 7 x 365
Delivery area	Ramp, barrier-free access
Parking area	On the premise
Redreatiin rooms, toilets	On the site

## TECHNICAL EQUIPMENT

### Access

- Electronic locking system with two-factor authentication (transponder and code lock)
- Video surveillance of all circulation areas within the building (event controlled reading and recording)
- Intrusion detection system

### Power Supply

- Substation with redundant transformers on the premises
- Powerful Diesel generator ensures emergency power supply with a performance of 560 KW
- Own petrol station of ESWE Versorgungs AG available to supply the Diesel generator
- Two uninterruptible, modularly designed power supplies (UPS) in n+1 redundant configuration each
- For in-house operation, the Computer centre exclusively uses green electricity from plants using renewable sources for power generation; certified by TÜV SÜD pursuant to the criteria of „CMS standard Generation EE“
- Power supply of customer-own systems with green electricity from renewables optionally available (Green-IT)

### Air conditioning

- Active energy efficient high performance cooling systems in n+1 redundant configuration
- Cooling capacity of usable computer centre spaces following the international availability class standard about 1,600 watts per m<sup>2</sup>
- Two separate cooling media (cold water system with free cooling & cooling agent system) in redundant configuration

### Fire protection

- Very early fire detection with aspirating smoke system (RAS); central fire alarm system (BMZ)
- fire alarm and extinguishing system (agent NOVEC 1230)

### Connectivity

- Redundant optical waveguide connection with different routing to WiTCOM backbone and separate service lines

### Additional installation

- 2 divisions of rental areas with room-in-room concept using safe rooms
- All rooms with daylight windows, carpeting and cupboards
- Each workstation is equipped with a desk and desk chair

## DATACENTER SERVICES

### WITCOM SERVERHOUSING - Racks

- Dimensions 600 x 1,200 x 2,200 (width, depth, height)
- All racks with individual locking system
- Power supply by 1 UPS system (A supply)
- Optional: Power supply by 2 UPS systems in n+1 redundant configuration (A/B supply)
- Mains connection over IEC or grounded sockets

### WITCOM SERVERHOUSING - Purchasable rack variants

- Rack cage (fenced-in group of racks; not less than 4 racks or 12 m<sup>2</sup>)
- Full rack (47 rack units; admissible maximum power input 2,500 W)
- ½ rack compartment (21 rack units; admissible maximum power input 1,500 W)
- ¼ rack compartment (10 rack units; admissible maximum power input 1,000 W)

### WITCOM SERVERHOUSING - Miscellaneous

- Internet access with data transfer flat included (full, ½ and ¼ rack)
- Billing of energy costs (electricity, air conditioning) based on metered power consumption
- 1 switch port (Ethernet 1.000 Mbit/s) with 1 public IP address included
- Optional: Additional switch ports / IP addresses
- Optional: WITCOM MANAGED FIREWALL for securing the servers

### WITCOM EMERGENCY WORK STATIONS

- 3 rooms with flexible workstations within the DC building
- All rooms have day light windows, carpeting and cabinets
- Up to 70 setup work stations available
- Each workplace has a desk and an office chair
- Own local network with Ethernet links for the work stations
- Own kitchen and sanitary installation
- Optional: monitor, keyboard, mouse and IP phone per workplace
- Optional: broad band internet access and VoIP telephone system
- Optional: combinable with other computer centre services
- Optional: Used WITCOM services can be directed to the emergency work stations at any time

## DATACENTER DIENSTLEISTUNGEN

### WiTCOM MANAGED FIREWALL

- Fully managed service including maintenance, replacement and initial configuration
- Individual initial set of rules after consultation with the customer
- VPN remote dial-in via PC, Mac, Android, iOS client client
- UTM (Unified Threat Management) bundle including antivirus, web filtering, IPsec and SSL VPN, application filtering

### Further optional WiTCOM DATACENTER services

- Fibre-Channel Ports for SAN concepts
- WiTCOM STORAGE - Nearline SAS or SAS storage, optionally mirrored including 1 Fibre Channel port
- WiTCOM VIRTUAL DATACENTER - Rental of RAM, CPU and storage according to customer requirements included Windows Server licenses
- Internet connections, fixed connections, LAN couplings, WDM couplings, e.g. with up to 100 Gigabit Ethernet, Escon, Ficon or Fibre Channel
- „Remote Hands“ service within and outside business hours (Mon.-Fri. 8 a.m. to 5 p.m.)
- Specialist staff for the design of the equipment in the rental area
- Backup area in WiTCOM DATACENTER 2 for critical infrastructures with high availability requirements and for emergency concepts
- Other individual additional services on request

The details of the services listed are specified in the respective service description or are agreed individually by contract.  
**Are you also interested? Then simply give us a call: 0611-26244-135**



Internet access



Network Services



Datacenter



Wireless Solutions

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