



WITCOM DATACENTER 1

Premium Performance!

GENERAL

Adress	Konrad-Adenauer-Ring 60, 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 ² 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 m²
- 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 m²)
- 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

WITCOM Wiesbadener Informations- und Telekommunikations GmbH
Konradinallee 25 | 65189 Wiesbaden
Fon 0611 26244-0 | www.witcom.de | glasfaser@witcom.de