

FACTS AND FEATURES

FRA04 at a Glance

If you are an AI and cloud provider expanding in Germany and Europe, **FRA04** is the ideal data center to help you meet the demands of your AI deployments and HPC. Located in Dietzenbach, just a few minutes from Frankfurt am Main, **FRA04** is powered by green energy and has excellent access to an outstanding network infrastructure.

Thanks to our many years of experience working with German authorities and local stakeholders, we can navigate bureaucratic processes with maximum efficiency to ensure that your required capacities are efficiently secured and delivered on schedule. **FRA04** is designed for technical excellence, flexibility, and sustainability in every way to ensure energy-efficient operations. This directly supports you in achieving your ESG goals.



maincubes
SECURE DATACENTERS

maincubes Holding & Service GmbH
Tilsiter Straße 1
60487 Frankfurt am Main
Germany

+49 69 6976810-0
info@maincubes.com

www.maincubes.com/en/fra04



IT CAPACITY

IT capacity: 36–40 MW, depending on the design

IT area: 10,000 m² / 108,000 ft²

Design PUE ≤ 1.2 and optimized WUE

Concluded grid connection contract

Air cooling using hot aisle containment

High-density racks with 40 kW and more, depending on cooling technology

Ready for AI deployments and high-performance computing (HPC)

Redundancies: n+1 for the flexible cooling and power supply topologies (block, distributed redundant, catcher, or N+2C)

IT rooms can be equipped as necessary (e. g., with OCP racks or a liquid cooling facility with liquid-to-chip cooling)

Temperature and humidity: ASHRAE A1

Flexible and future-proof cooling options: air, liquid, and hybrid (air + liquid)

Slab-to-slab height and floor load capacity for future rack designs

SITE AND BUILDING

Size of plot: 28,000 m² / 301,000 ft²

Size of building: 26,000 m² / 280,000 ft²

Located in an industrial park

Four IT modules with two rooms each on two floors

Risk analysis: no particular risks

Concept of a protected area with separation and biometric scanning

Comprehensive video surveillance system

Power supply via a dedicated substation on the property, thereby ensuring uninterrupted power supply from two separate routes. Two distinct house feeds are provided.

Carrier link via three separate, independent, and diverse house entries

Fire protection with early detection and zoned sprinkler system

Standard: 24/7/365 access and on-site security staff

Ready for service Q1/2029

48 hours of autonomous operation

Location: Siemensstraße 6
53128 Dietzenbach, Germany
(close proximity to Frankfurt am Main)

SUSTAINABILITY

Green energy from regional suppliers

Any heat generated during operation is utilized within the building and to provide local heating via initiated partnerships

Sustainable construction with green elements such as facades as well as the near-natural design of outdoor areas to promote the microclimate and biodiversity

Infiltration system and reduced surface sealing for groundwater protection

PLANNED CERTIFICATIONS

Eco-Management and Audit Scheme (EMAS)

ISO 9001

ISO 14001

ISO 50001

ISO 27001

ISAE 3402 SOC 1 + SOC 2

TÜV Saarland including EN50600 VK3

Customer-specific certification can be provided on request
