

FACTS AND FEATURES

FRA03 in a nutshell

maincubes' new data center **FRA03** is packed with state-of-the-art equipment and offers a range of future-proof solutions to meet the most demanding requirements. Maximum flexibility, HPC capability, comprehensive safety precautions, cutting-edge sustainability initiatives and the strategic advantages of its location make **FRA03** a top choice.



maincubes
SECURE DATACENTERS

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IT CAPACITY AND ROOMS

IT capacity: 16 MW

IT area: 7,680 sqm

PUE \leq 1.2

Size of a standard rack:
800 mm \times 1,200 mm \times 52 U (other dimensions possible)

Air cooling using cold aisle containment

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

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

Redundancy: at least n+1
for the power supply and cooling

Vindur® CoolW@ll technology, n+2 redundancy

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

NETWORK INFRASTRUCTURE

Carrier-neutral data center

Carrier link via separate, redundant
entry points in the building

Independent, cross-free provision through cross-connects

SLAS, CONTRACTS, AND DATA PRIVACY

100% uptime guaranteed (SLA)

Temperature and humidity: 22–31°C at 20–80 %

Customer service desk and customer portal

Contracts based on German legislation

Colocation customer data remain auditable
in Germany/EU

SUSTAINABILITY

100% renewable energy from regional power companies

Any heat generated from operation is used in the building
and to provide heating locally

Facade and roof of the building fitted with PV modules

SITE AND BUILDING

Size of plot: 17,000 sqm

Size of building: 27,000 sqm

3 floors for IT with 2 rooms on each one

Risk analysis: no particular risks

Concept of a protected area with separation
and biometric scanning

Comprehensive video surveillance system

Power supplied over two separate connections to building

Fire protection includes early detection and an
automatic fire extinguishing system employing nitrogen

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

Available as of Q1 2026

Am Kronberger Hang 6
65824 Schwalbach, Germany
(near Frankfurt)

CERTIFICATION

Eco-Management and Audit Scheme (EMAS)

ISO 9001

ISO 14001 (2025)

ISO 50001 (2024)

ISO 27001

ISAE 3402 SOC 1 + SOC 2

Certified to EN 50600 Availability Class 3 (2025)
by TÜV Saarland

Customer-specific certification can be provided on request

SERVICE

main**rack**

main**cage**

main**suite**

main**connect**

Remote hands

More options for further services and greater security