



Data Center Technical Specifications

MC1

Muscat IBX® Data Center

Equinix Muscat Data Center

At Equinix, digital leaders are bringing together all the right places, partners and possibilities to create the foundational infrastructure they need to succeed.

MC1 is a joint venture initiative with Oman Telecommunications Company (Omantel). More than half of the 21 subsea cables that connect the GCC region with the world land in Oman. MC1 will be the first world-class, carrier-neutral hub in Oman, where carriers, content providers and cloud providers collocate their critical IT infrastructure. MC1 is situated 60 km west of Muscat and 2 km from the AAE1 subsea cable landing station.

Muscat Data Centers Benefits

- Carrier-neutral and cloud-neutral facility, built using the Equinix FDC-C design model on a dedicated greenfield site
- Offering 720 cabinets across 12 data halls
- Expansion capability for 3 further phases
- Full UPS power, backup systems and N+1 (or greater) redundancy, with a proven, industry-leading 99.999% uptime record
- Direct, low-latency connectivity to subsea landing stations that connect the GCC to the world; adjacent to landing points of EIG, BBG, OMRAN, EPEG and POI; MENA, GBI,
- TW-1, FLAG/Falcon and SeaMeWe-3 landings; with unique, direct access to AAE1 cable
- Covered by 100% renewable energy

Barka, Al Batinah
Oman

+968.8000.9800 (Oman)
+968.2677.9801 (International)

support@equinix.com



[Click here](#) to view the metro interconnection map



Building

SPACE

Colocation Space	23,680 ft ² (2,200 m ²)
Building Type	Two story concrete building with concrete slab floor. Steel frame front of house building
Parking	Adjacent to building

FLOOR

Floor Type	Slab
Floor Load Capacity	251 psf (12 kN/m ²)

FIRE PROTECTION

Fire Suppression	Double interlocked pre-action sprinkler system
------------------	--

Facilities

POWER AND COOLING

Power and Cooling Density	3.0 - 4.0 kVA per cabinet
Utility Feeders	2 x 11 kV (incoming)
UPS Configuration	Distributed redundant
UPS Redundancy	N+1
Standby Power Configuration	4 x 1675 kVA diesel generators
Standby Power Redundancy	N+1
Cooling Configuration	Air cooled chiller with screw compressor; chilled water CRAHs
Cooling Redundancy	N+1 on Chillers & CRAHs

SECURITY

Physical	Perimeter security fence, pedestrian and vehicle gates, mantraps and speed gates
Human	24/7 on-site security officers
Electronic	Card readers and biometric readers in common areas; additional biometric readers optional for customer cages; CCTV surveillance with 90-day video retention

Amenities

- Office Space

Products and Services

Data Center

- Private Cage
- Secure Cabinet
- [Smart Hands®](#)

Interconnection

- Equinix Internet Exchange®
- Cross Connects

Find the latest product availability on [Equinix Marketplace](#)

Reliability

Our IBX data centers boast an industry-leading, high average uptime track record of >99.999% globally.

Certifications

- ISO 22301
- ISO 27001
- ISO 45001
- ISO 9001
- PCI DSS
- SOC 1 Type II
- SOC 2 Type II
- Cyber Essentials

Green by Design

- ISO 14001
- ISO 50001
- Covered by 100% renewable energy

About Equinix

Equinix is the world's digital infrastructure company™. Digital leaders harness our trusted platform to bring together and interconnect the foundational infrastructure that powers their success. We enable our customers to access all the right places, partners and possibilities they need to accelerate advantage. With Equinix, they can scale with agility, speed the launch of digital services, deliver world-class experiences and multiply their value.

[Equinix.com](#) © 2025 Equinix, Inc.

CONFIDENTIALITY NOTICE: This document is intended only for the use of the recipients to which Equinix sends it.