

OMNI Data Center BTM1 is a carrier-neutral Data Center with Tier 3 design and facility. As the host datacenter and facilities operator for Indonesia's largest internet exchange IIX in the region launching in January 2025, OMNI BTM1 offers unparalleled interconnectivity to all major DC operators in Singapore, Batam, and Jakarta as well as direct meet me to all major telecom operators in Indonesia.



Building

Space

Building Type	Concrete Structure
Colocation Space	680 m ² (phase 1)
Parking	Parking on site is available
Floor Type	Reinforced Concrete
Floor Load Capacity	1,500 Kg/m ²

Facilities

Power/ Utility Feeder (PLN)	2N (1.2 MW of IT Load dual Source)
Electrical Configuration	2N (2N Transformer)
Cooling Capacity	N + 1
UPS Configuration	Redundant (2N) (Active + Active)
Battery System	2N Litium Battery System with 15 min Backup time
Standby Power Generator	N + 1
Fire Suppression	FK-5-1-1-2 Clean Agent
Sensor	Smoke, Fire, Water, Temperature, Humidity, Electrical
Cold Aisle Containment Specification	• with MDC monitoring host • Temp and humidity collection and display module • Skylight status sensor • Auto Sliding door with access control • Control Card
Clean Earth Resistance (ohm)	~0.5 ohm
Transformer, Cubicle and Power Room	2N
Battery System Room	2N
MMR	2N
NER	2N
Fiber Paths	Four diverse fiber paths entering the site with multiple risers

Colocation Specification

SLA	99,982%
Colocation Services	Closed Rack 43U Heavy Duty, Dual Section side door
Max Power Per Rack (Amp)	Default 10 Amp / 2.2 kW (Upgradable to 32 Amp) or 3 Phase

Security

Physical	Security Main Gate, Security Main Door, Security Lift
Human	24/7 onsite Security Guard
Electronic	Pin Card Readers, Biometric Readers, CCTV and NVR

Interconnection Services

Direct IX Connectivity

- IIX
- OMNI-IX
- JKT-IX
- EPIX
- OPEN-IX

Dark Fiber and Metro

- To All Submarine landing station
- To All DC at Batam and Jakarta

Network Infrastructure	SM Fiber Optic, Cat 6
Data Center Temperature (Celcius)	22 ± 4
Data Center Humidity	55 ± 10
PDU at Rack	2 x (24 way C13,32A)