edgeconnex®

Data Sheet

Kuala Lumpur Market

CBD, Cyberjaya, Bukit Jalil

EdgeConneX Kuala Lumpur Data Center

The EdgeConneX facilities in the Kuala Lumpur metro area serve a fast-growing market for data center solutions in a rapidly expanding regional data center hub. Our Kuala Lumpur data centers also serve as a gateway for global cloud and cloud-based services expanding throughout Southeast Asia and beyond.
These facilities offer extensive fiber and peering options with resilient access to local and international Internet service providers, offering connectivity to global markets and services. The EdgeConneX data centers are strategically located to offer proximity, capacity, security, and performance.

Over the past decade, EdgeConneX has delivered more than 50 data centers in over 40 markets worldwide and our purpose-built, edge-of-Network facilities enable the fastest delivery of bandwidth-intensive, latency sensitive Content and Cloud applications to local consumers and enterprises.

We are creating a new edge of the Network by designing and deploying Edge Data Centers (EDC) that are strategically positioned nearest to Network provider aggregation points, establishing new local peering facilities to ensure the most efficient, lowest latency placement for faster cloud, content, and communications along with increased security.

BENEFITS

CBD Kuala Lumpur data center planned for 17 MW with a first phase of 6 MW

First building for Cyberjaya planned for 22.4 MW with expansion up to 200 MW

First phase for Bukit Jalil planned for 22.4 MW with expansion to 67 MW

All available in N+1 configuration

EdgeConneX Benefits

Distributed Infrastructure

EdgeConneX is developing and operating more than 50 data centers in over 40 markets around the globe, ranging from Hyperlocal to Hyperscale facilities, with network diversity to help businesses build the edge they need.

Flexibility

EdgeConneX can offer a rack density of 20kW+ and beyond. Providing the ability to move power commits around from facility to facility – portable kW. Client driven deployment options to ensure your unique needs are met.

Connectivity

The Kuala Lumpur data centers will be network-neutral facilities offering connectivity and interconnections to multiple network providers.

Cooling

Robust and redundant power and cooling to support virtually any application, where temperature and humidity is monitored, controlled and managed to industry standards.
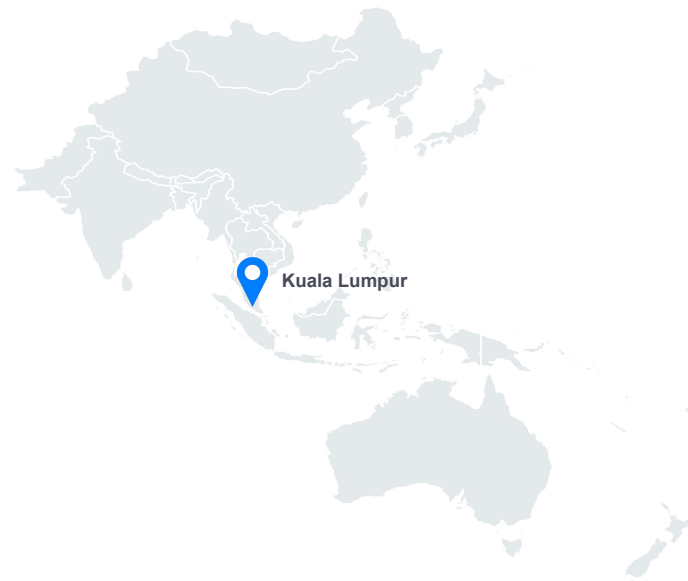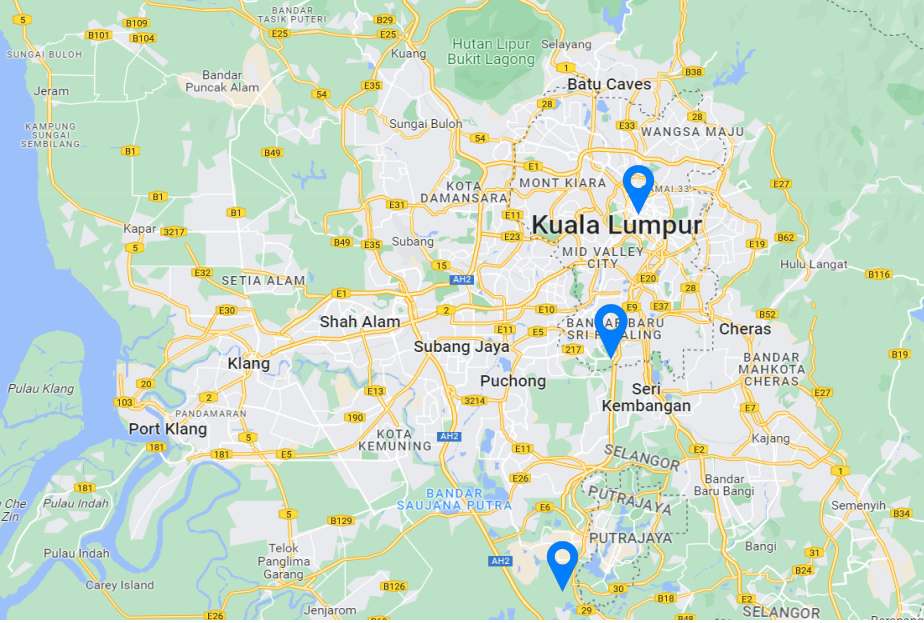
Customer Experience

We aim to deliver a premium customer experience and proximate data center solutions, allowing you to deliver a premium experience to your own customers.

Capability

Purpose-built Tier-3 designed facilities with superior operating reliability, high-density power, and carrier-neutral support to satisfy any customers challenges and demands.

Notes From The Edge: Kuala Lumpur

At EdgeConneX, we are creating a new edge of the Network by designing and deploying Edge Data Centers® (EDC) that are strategically positioned nearest to Network provider aggregation points, establishing new local peering facilities to ensure the most efficient, lowest latency placement of our Customers' content and applications, improved quality of service, and increased security.

Technical Specifications & Configuration

Space

- **CBD:** 19,200 m^2
- **Cyberjaya:** 200,000 m^2, 275 kV substation
- Nine data center buildings
- **Bukit Jalil:** 60,000 m^2, 132 kV substation
- 12 km from CBD site, 16 km from Cyberjaya
- Kuala Lumpur home to 7.6 million, Malaysia home to 33 million

Network

- Carrier-neutral facilities with major network operators planned

- Building POEs will be diverse, with a variety of fiber conduits to physically diverse meet me rooms

- Interconnection services available

Power

- **CBD:** 6 MW in phase one growing to 17 MW IT load
- **Cyberjaya:** 22.4 MW growing to 200 MW
- **Bukit Jalil:** 22.4 MW growing to 67 MW
- Concurrently maintainable power in a minimum of an N+1 configuration to include UPS and Generators, with 2N PDUs
- Capable of 20 kW per cabinet
- Real-time branch circuit monitoring

Cooling

- Temperature and humidity monitored, controlled and managed to industry standards
- N+1 chilled water system
- N+1 FWU/CRAHs located in separate suites, maximizing customer designated areas

Fire Suppression

- Pre-detection and fire suppression systems

Security

- Multi-stage security containment systems
- Mantraps and strictly enforced protocols regarding entry access
- CCTV
- Interior managed security zones
- NOC services

Edge OS

- EdgeOS, our next generation data center operating system provides real-time visibility, including ticketing and SLA management for all EDC locations

Optional Services

- Remote hands services for break fixes, configuration and troubleshooting
- Services: design, build, implement and maintain your equipment infrastructure
- Aimed for SOC 2 Type 2, PCI-DSS, and ISO 27001 compliance

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For more information on our **Kuala Lumpur** data centers, call +1.866.304.3217 or email info@edgeconnex.com