

Technical Specifications.

Our facilities are engineered to the highest international standards, providing enterprise-grade infrastructure with redundancy built into every critical system. Below are the detailed specifications of our Addis Ababa data centre:

Power Infrastructure

- Dedicated 33kV utility power supply with 2,500 kVA capacity
- Dedicated 15 kV utility power supply with a capacity of 1,250 kVA
- 2 x 1650kVA diesel standby generator sets
- 2 x 35,000 litres double-bunded special fuel tanks (30 days autonomy)
- 2x23,000 litres of Diesel tank
- 2 x 900kVA UPS systems for dual power feed
- Triple change-over power boards (three-way source selector)
- All components are concurrently maintainable ("Tier III certified")



IT Hall Specifications

- Single-story data hall for 200 racks in cold aisle containment configuration
- 6 x cold aisle containments (34 racks per containment)
- 68 x intelligent rack power distribution units
- Standard 42U racks (2000mm x 600mm x 1200mm)
- Meet-Me Room subdivided into MMR A & MMR B
- Integrated Building Management System (BMS)
- Fire detection and suppression (Novec1230)
- Biometric access control with magnetic door locks
- CCTV system with 69 cameras covering all important areas

Office Facilities

- 150m² office space for general functionality
- 4-person NOC
- Ample parking for staff and visitors

Contact Us.

Ready to transform your digital infrastructure? Our team of experts are available to discuss your specific requirements and provide tailored solutions to meet your business needs.



wingu.africa
Data Ecosystems

East Africa's Premier Data Centre Provider.



Who We Are.

Wingu Africa is a proven specialist data centre group with over a decade of experience delivering carrier-neutral facilities across East Africa. With facilities in Djibouti, Ethiopia, and Tanzania, our regional ecosystem of interconnected Tier III certified data centres provides the foundation for East Africa's digital economy.

Backed by leading international investors and managed by a team with over 40 years of ICT and data centre experience, Wingu Africa has been recognised as the "Best Regional Data Centre Operator" by Carrier Community.

- Reliable and secure hosting for mission-critical applications and data
- Open access connectivity with multiple service providers
- Cost-effective colocation solutions for businesses of all sizes
- Internet exchange points to enhance local traffic exchange

Internet Exchange Point (IXP).

In collaboration with ADDIX internet eXchange, Wingu is hosting Ethiopia's first Internet Exchange (IXP). This initiative enhances the reliability and availability of IXP services nationwide, keeping local traffic local, providing an alternative point for institutions to exchange traffic efficiently. As a result, it improves user experience and reduces costs on international bandwidth.

What We Do.

We specialise in building and operating carrier-neutral, Tier III certified data centres that form the backbone of East Africa's digital transformation. Catering for businesses of all sizes and industries, our facilities are designed to meet international standards whilst delivering locally optimised solutions, enabling:



Our Customers.

We currently house many of the world's largest ICT operators, content distribution networks and content providers and are currently expanding our capacity to ensure that customers can expand their needs as required in this fast-growing regional market.



Addis Ababa Facility.

Located in Ethiopia's rapidly developing ICT Park, our Addis Ababa data centre represents Wingu Africa's commitment to expanding East Africa's digital infrastructure. This flagship facility combines cutting-edge technology with sustainable design principles to deliver exceptional performance and reliability for businesses entering or expanding within the Ethiopian market.

Facility Specifications

- First carrier-neutral and cloud-neutral data centre in Ethiopia
- 10MW capacity with rapid deployment and seamless scalability
- Phase 1 (WinguETH01) operates with 1,250 kVA power capacity
- Phase 2 (Hyperscale) - a 12MW facility with 800 racks
- 200 racks inaugurated in June 2023
- Modern international standard design (Uptime Institute Tier III standard)
- Energy-efficient design with expected PUE of 1.3
- Secure facility with 24/7 armed security

Connectivity & Services

- Carrier-neutral connectivity model
- Major providers, including Ethiotel, Safaricom, and Webspix already connected
- From our Meet-Me Room (MMR), easily access:
 - IPT
 - SIP Trunking
 - Layer 2 and Layer 3
 - Internet
 - VPN

Why Choose Us: Lease vs Build.

When considering your data infrastructure strategy, choosing between building your own facility or leasing space from a specialist provider involves numerous factors. Our colocation solutions offer compelling advantages across 7 key dimensions:

Control: Companies build their own data centres for control over operations, costs, and security. Wingu Africa provides solutions that meet these needs while ensuring secure access

Scalability: Data grows 35% annually, making long-term planning tough. Overbuilding wastes money; leasing offers flexible scaling without heavy upfront costs. Wingu Africa ensures your setup adapts to your growth

Financing: Tight budgets make outsourcing a smart way to shift CapEx to OpEx. Compare leasing vs. building, factoring in long-term power costs, to find the best value

Economies of Scale: For businesses under 6MW, colocation cuts costs by sharing security, utilities, and maintenance—making leasing a cost-effective alternative

Expertise: Running a data centre 24/7 requires specialists. In-house teams can be stretched thin, increasing downtime risks. If building, ensure you have dedicated staff

Time to Market: Construction takes 12+ months; leasing is immediate. Even gradual migrations benefit from quick expansion options

No End-of-Life Hassle: Upgrading in-house facilities is costly. Leasing avoids this burden and reduces financial risk if your business shrinks. Outdated data centres have limited reuse, making outsourcing the flexible choice

