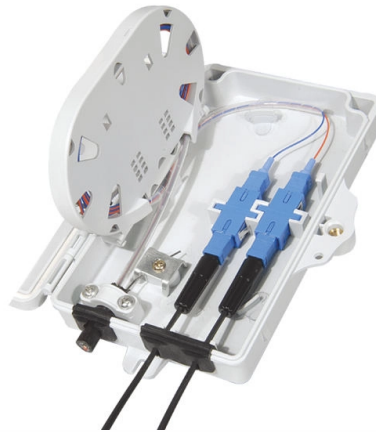


High-density edge data centers in Jamaica



AI Overview

Jamaica hosts a small but growing network of high-density edge data centers, including government and private facilities with AI-ready infrastructure and renewable energy integration.

Government Data CentersThe eGov Data Centre is Jamaica's primary government facility, recently upgraded with a US\$3.8 million investment. The upgrade doubled storage capacity from 615 to 1,300 terabytes and introduced automated management tools, enhanced physical infrastructure, and disaster recovery capabilities in St Catherine. The facility is Tier-II compliant, offers 24/7 accessibility and security, and provides colocation services ranging from single 1U servers to full racks. The upgrade also included 31 kilometers of high-speed fiber connecting around 250 ministries, departments, and agencies (MDAs) in the Kingston Metropolitan Area, supporting cloud services and centralized IT management.

Private and AI-Ready FacilitiesPrivate operators, such as Digicel, have established data centers in Kingston, while projects like the AI Data Center Solar Project demonstrate high-density, AI-ready infrastructure. This facility integrates a 360kW solar PV system with a 500kWh lithium-ion battery energy storage system (BESS) to ensure uninterrupted power supply, mitigate grid instability, and optimize energy costs in tropical conditions. The system supports high daily electricity consumption (3,388 kWh/day) and provides reliable backup for critical computing equipment, highlighting the importance of hybrid solar + storage solutions for high-density edge operations in Jamaica.

Market OverviewJamaica's data center market remains relatively small, with notable facilities including the Caymanas Data Centre, NBC Disaster Recovery Site, and Digicel's Kingston facility. The Caribbean Datacenter Association is working to consolidate regional infrastructure and promote digital economy growth, which may...

Article Content

Jamaica's ICT Infrastructure, Transformed

It also aims to upgrade the government of Jamaica's data centers to make them more resilient to disruptions such as natural disasters. Jamaica's

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With growing demand for robust connectivity, investments in broadband expansion and data centre operations are projected to yield significant returns. A few of these components include laying fibre

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GOJ Data Centre Upgrade

Stakeholders have requested an analysis of options available to the GOJ to establish a primary data centre to host Enterprise and Shared Services. These include, but are not limited to, the

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Data Centre Upgrade Project Near Completion

It seeks to establish a modern data centre with the necessary capacity and infrastructure, to provide resilient and efficient hosting of enterprises and shared services of the Government of

Government data center in Jamaica gets \$3.8m upgrade

Jamaica has a small data center market. DataCenterCatalogue lists two facilities in the nation: Caymanas Data Centre and the NBC Disaster Recovery Site, while Cloudscene notes a

Jamaica's ICT Infrastructure, Transformed

The nation has made substantial investments in expanding its high-speed internet connectivity, with a focus on fiber-optic networks that now extend

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Government data center in Jamaica gets \$3.8m

A government data center in Jamaica has received a J\$600 million (US\$3.8m) upgrade. Known as the eGov Data Centre, works began in 2020 on

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Deep insights into the increasingly complex task of designing, testing, integrating, and manufacturing semiconductors. Explore the latest in Semiengineering and

Edge Computing Statistics in Jamaica (2026)

The country has established 45 edge data centers, supporting local businesses and expanding digital services. Cloud adoption among enterprises reaches 78%, reflecting a strong shift towards digital

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Jamaica Data Centers

List of all Data Centers located in Jamaica. Find any certified, power consumption, cooling redundancy, services and features for data centers in Jamaica.

Edge Data Centers: Complete Guide to Edge Computing Infrastructure

Edge data centers process data close to end users, reducing latency from hundreds of milliseconds to single digits. Learn how edge computing works, why AI workloads are driving

Jamaica Edge Data Center Market (2025-2031) | Trends & Forecast

Historical Data and Forecast of Jamaica Edge Data Center Market Revenues & Volume By Retail and E-commerce for the Period 2021-2031 Jamaica Edge Data Center Import Export Trade Statistics

Computational Power: The Future of High-Density Data

In today's rapidly evolving AI technology landscape, the density of future data centers may continue to grow. For manufacturers, the only constant

Jamaica's Rise as a High-Tech Hub: A New Wave of

These companies are setting up operations in Jamaica, leveraging its pool of data scientists, software engineers, and digital consultants. Their

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Website: <https://www.sphplantsales.co.za>

Email: info@sphplantsales.co.za

Phone: +27 64 827 3915

Address: Unit 9, Highveld Technopark, 43 Atlas Road, Johannesburg, 2196,
South Africa

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